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

NOVEMBER 2006

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
02	245	LEAR	8	S	0108.0	0108.0	U	120.0			QL=4 ST=2 TYP=3
	2840	PEKG	1	S	0214.0	0215.4	3.0	7.2			
	2804	VORO	3	S	0215.3	0216.0	1.3	2.7			
	2840	PEKG	1	S	0328.0	0329.8	5.0	5.9			
	2804	VORO	2	S/F	0328.8	0330.2	1.6	5.0			
	127	TORN	27	RF	0642.0		38.0		23.0		
	245	LEAR	49	GB	0914.0	0914.0	1.0	580.0			QL=4 ST=2 TYP=6
	410	SGMR	8	S	1651.0	1652.0	1.0	240.0			QL=4 ST=2 TYP=3
03	127	TORN	43	NS	0925.0		115.0		1.0		V=1
04	127	TORN	43	NS	1107.0		207.0		2.0		V=2
05	2840	PEKG	3	S	0740.0	0748.4	15.0	16.9			
	4995	SGMR	4	S/F	1222.0	1224.0	4.0	160.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1222.0	1224.0	5.0	160.0			QL=4 ST=2 TYP=3
	610	SGMR	8	S	1223.0	1223.0	U	75.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1223.0	1224.0	2.0	66.0			QL=4 ST=2 TYP=3
	15400	SGMR	8	S	1223.0	1224.0	2.0	49.0			QL=4 ST=2 TYP=3
	4995	SVTO	8	S	1223.0	1224.0	2.0	160.0			QL=4 ST=2 TYP=3
	15400	SVTO	8	S	1223.0	1224.0	2.0	92.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1223.0	1224.0	3.0	160.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1224.0	1224.0	1.0	70.0			QL=4 ST=2 TYP=3
06	2804	VORO	3	S	0124.5	0136.1	14.3	7.5			
	2840	PEKG	1	S	0133.0	0135.9	8.0	5.3			
	2800	HIRA	1	S	0135.0	0136.0	2.0	10.0			
	2804	VORO	29	PB1	0139.5	0139.6	39.7	2.8			
	33	UPIC	46	C	1018.0	1019.0	25.0				UNCERTN
	9500	CUBA	2	S/F	1636.1	1637.8	6.8	68.0	34.0		
	245	SGMR	4	S/F	1739.0	1741.0	4.0	73.0			QL=4 ST=2 TYP=3
	1415	SGMR	4	S/F	1739.0	1740.0	4.0	65.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1739.0	1740.0	4.0	97.0			QL=4 ST=2 TYP=3
	245	SGMR	4	S/F	1739.0	1740.0	381.0	43.0			QL=4 ST=1 TYP=3
	1415	SGMR	4	S/F	1739.0	1740.0	381.0	65.0			QL=4 ST=1 TYP=3
	2695	SGMR	4	S/F	1739.0	1740.0	381.0	97.0			QL=4 ST=1 TYP=3
	410	SGMR	8	S	1740.0	1741.0	1.0	65.0			QL=4 ST=2 TYP=3
	610	SGMR	8	S	1740.0	1742.0	2.0	290.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1740.0	1740.0	U	54.0			QL=4 ST=1 TYP=3
	8800	SGMR	8	S	1740.0	1741.0	2.0	93.0			QL=4 ST=2 TYP=3
	4995	SGMR	4	S/F	1740.0	1741.0	6.0	170.0			QL=4 ST=2 TYP=3
	610	SGMR	4	S/F	1740.0	1740.0	380.0	66.0			QL=4 ST=1 TYP=3
	4995	SGMR	4	S/F	1740.0	1740.0	380.0	98.0			QL=4 ST=1 TYP=3
	8800	SGMR	4	S/F	1740.0	1740.0	380.0	54.0			QL=4 ST=1 TYP=3
	2695	PALE	20	GRF	1741.0	1742.0	1.0	110.0			QL=4 ST=2 TYP=2
	4995	PALE	20	GRF	1741.0	1742.0	2.0	160.0			QL=4 ST=2 TYP=2
	15400	SGMR	4	S/F	1741.0	1741.0	3.0	43.0			QL=4 ST=2 TYP=3
	610	PALE	20	GRF	1742.0	1742.0	U	280.0			QL=4 ST=2 TYP=2
	245	PALE	8	S	2035.0	2035.0	U	120.0			QL=4 ST=2 TYP=3
07	127	TORN	43	NS	1250.0		100.0		17.0		V=1
	127	TORN	49	GB	1327.0	1350.0	33.0				
	33	UPIC	46	C	1330.0E		25.0D				UNCERTN
	1415	SGMR	49	GB	1330.0	1331.0	1.0	870.0			QL=4 ST=2 TYP=6
	1415	SVTO	49	GB	1330.0	1331.0	3.0	730.0			QL=4 ST=2 TYP=6
	1415	SVTO	48	C	1337.0	1340.0	3.0	120.0			QL=4 ST=2 TYP=8
	410	SGMR	8	S	1338.0	1339.0	1.0	58.0			QL=4 ST=2 TYP=3
	1415	SGMR	8	S	1338.0	1339.0	2.0	130.0			QL=4 ST=2 TYP=3
	610	SGMR	4	S/F	1338.0	1339.0	3.0	88.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1339.0	1339.0	1.0	52.0			QL=4 ST=2 TYP=3
	610	SVTO	8	S	1339.0	1339.0	U	56.0			QL=2 ST=2 TYP=3
	410	SVTO	4	S/F	1339.0	1343.0	4.0	74.0			QL=4 ST=2 TYP=3
08	2840	PEKG	3	S	0433.0	0435.5	14.0	14.1			
	2800	HIRA	8	S	0435.0	0435.0	1.0	15.0			
	245	LEAR	8	S	0435.0	0435.0	U	100.0			QL=4 ST=2 TYP=3
	2804	VORO	2	S/F	0435.0	0435.8	3.0	18.5			
	245	LEAR	8	S	0505.0	0506.0	1.0	200.0			QL=4 ST=2 TYP=3
	9500	CUBA	4	S/F	1721.1	1729.6	10.5	60.0	30.0		

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

NOVEMBER 2006

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
08	245	PALE	8	S	2100.0	2100.0	1.0	280.0			QL=4 ST=2 TYP=3
09	127	TORN	43	NS	0802.0		153.0				V=1,DISTURBED
	127	TORN	43	NS	1157.0		133.0				V=1
	2840	PEKG	1	S	0206.0	0208.5	6.0	5.6			
	2800	HIRA	1	S	0207.0	0209.0	2.0	10.0			
	2804	VORO	2	S/F	0207.6	0208.6	2.4	11.8			
	245	SVTO	8	S	0902.0	0902.0	1.0	200.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0903.0	0903.0	U	280.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0942.0	0942.0	U	180.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0942.0	0942.0	U	140.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0954.0	0954.0	U	320.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0954.0	0954.0	U	220.0			QL=4 ST=2 TYP=3
	33	UPIC	45	C	1157.0	1158.0	2.0				
	127	TORN	4	S/F	1224.0	1224.4	1.6				
	33	UPIC	45	C	1224.5	1225.0	1.5				
	1415	PALE	8	S	1804.0	1806.0	2.0	490.0			QL=4 ST=2 TYP=3
	410	PALE	8	S	1807.0	1807.0	U	150.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	1925.0	1925.0	U	170.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1925.0	1925.0	U	150.0			QL=4 ST=2 TYP=3
	9500	CUBA	2	S/F	2034.3	2035.2	4.1	22.0	11.0		
	245	PALE	8	S	2035.0	2035.0	U	360.0			QL=4 ST=2 TYP=3
	610	PALE	8	S	2102.0	2102.0	U	140.0			QL=4 ST=2 TYP=3
10	245	SVTO	43	NS	0312.0	0943.0	1248.0	130.0			QL=4 ST=1 TYP=1
	127	TORN	43	NS	0730.0		430.0		1.0		V=2
	245	SVTO	43	NS	0943.0	0943.0	4.0	130.0			QL=4 ST=3 TYP=1
	245	SVTO	43	NS	0943.0	0943.0	857.0	130.0			QL=4 ST=3 TYP=1
	245	LEAR	43	NS	0954.0	1015.0	22.0	110.0			QL=4 ST=2 TYP=1
	245	SGMR	43	NS	1249.0	1258.0	14.0	370.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	1258.0	1259.0	5.0	240.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	1258.0	1259.0	5.0	240.0			QL=4 ST=3 TYP=1
	245	SVTO	43	NS	1421.0	1446.0	25.0	540.0			QL=4 ST=2 TYP=1
	245	SGMR	43	NS	1421.0	1507.0	55.0	1300.0			QL=4 ST=2 TYP=1
	245	SGMR	43	NS	1642.0	1653.0	42.0	1100.0			QL=4 ST=2 TYP=1
	410	SGMR	43	NS	1652.0	1657.0	428.0	580.0			QL=4 ST=3 TYP=1
	245	PALE	43	NS	1657.0	1707.0	423.0	330.0			QL=4 ST=1 TYP=1
	245	PALE	43	NS	1657.0	1707.0	423.0	420.0			QL=4 ST=1 TYP=1
	245	PALE	43	NS	1657.0	1739.0	423.0	4200.0			QL=4 ST=1 TYP=1
	410	PALE	43	NS	1710.0	1711.0	76.0	690.0			QL=4 ST=2 TYP=1
	410	PALE	43	NS	1710.0	1711.0	410.0	690.0			QL=4 ST=1 TYP=1
	410	PALE	43	NS	1710.0	1711.0	410.0	6900.0			QL=4 ST=1 TYP=1
	245	SGMR	43	NS	1826.0	1923.0	157.0	600.0			QL=4 ST=2 TYP=1
	410	SGMR	43	NS	1833.0	1956.0	150.0	210.0			QL=4 ST=2 TYP=1
	245	LEAR	43	NS	2203.0	0613.0	707.0	790.0			QL=2 ST=2 TYP=1
	2804	VORO	2	S/F	0121.8	0122.1	1.1	7.9			
	2804	VORO	2	S/F	0137.5	0138.0	1.7	8.9			
	2800	HIRA	1	S	0210.0	0210.0	2.0	10.0			
	2804	VORO	4	S/F	0210.0	0210.5	1.9	12.0			
	245	LEAR	49	GB	0310.0	0310.0	U	1600.0			QL=4 ST=2 TYP=6
	245	LEAR	8	S	0628.0	0629.0	1.0	410.0			QL=2 ST=2 TYP=3
	245	SVTO	8	S	0628.0	0628.0	1.0	250.0			QL=2 ST=2 TYP=3
	245	LEAR	8	S	0635.0	0635.0	U	170.0			QL=2 ST=2 TYP=3
	245	LEAR	8	S	0635.0	0635.0	U	170.0			QL=2 ST=3 TYP=3
	245	SVTO	8	S	0635.0	0635.0	U	130.0			QL=2 ST=2 TYP=3
	245	LEAR	8	S	0739.0	0740.0	1.0	240.0			QL=2 ST=2 TYP=3
	245	SVTO	8	S	0740.0	0740.0	U	150.0			QL=4 ST=2 TYP=3
	245	SVTO	49	GB	0933.0	0933.0	U	550.0			QL=4 ST=2 TYP=6
	245	LEAR	48	C	0933.0	0933.0	11.0	810.0			QL=2 ST=2 TYP=8
	245	SVTO	8	S	0939.0	0940.0	1.0	250.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1023.0	1023.0	U	250.0			QL=4 ST=2 TYP=3
	245	SVTO	48	C	1120.0	1120.0	1.0	140.0			QL=4 ST=2 TYP=8
	245	SGMR	8	S	1244.0	1244.0	U	210.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1244.0	1244.0	U	140.0			QL=4 ST=2 TYP=3
	245	SGMR	48	C	1249.0	1251.0	2.0	220.0			QL=4 ST=2 TYP=8
	245	SVTO	8	S	1249.0	1251.0	2.0	300.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1254.0	1254.0	1.0	220.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1349.0	1349.0	1.0	120.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1349.0	1349.0	U	84.0			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 2006

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
10	245	SVTO	8	S	1349.0	1349.0	1.0	170.0			QL=4 ST=2 TYP=3
	245	SGMR	48	C	1400.0	1402.0	4.0	450.0			QL=4 ST=2 TYP=8
	245	SVTO	8	S	1401.0	1403.0	2.0	350.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1413.0	1413.0	U	150.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1413.0	1413.0	U	170.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1552.0	1552.0	U	140.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1615.0	1615.0	U	100.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1619.0	1619.0	U	100.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1635.0	1635.0	U	110.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1642.0	1642.0	U	140.0			QL=4 ST=2 TYP=3
	410	SGMR	49	GB	1652.0	1653.0	2.0	580.0			QL=4 ST=2 TYP=6
	610	SGMR	8	S	1653.0	1653.0	U	270.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1816.0	1816.0	U	100.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1833.0	1833.0	U	170.0			QL=4 ST=2 TYP=3
	410	PALE	8	S	1834.0	1834.0	U	170.0			QL=4 ST=2 TYP=3
	410	SGMR	8	S	1844.0	1844.0	U	150.0			QL=4 ST=2 TYP=3
	2800	HIRA	1	S	2310.0	2311.0	2.0	10.0			
	2804	VORO	1	S	2310.1	2311.0	2.0	11.4			
	245	LEAR	48	C	2324.0	2327.0	3.0	890.0			QL=2 ST=2 TYP=8
	410	LEAR	8	S	2327.0	2327.0	U	110.0			QL=4 ST=2 TYP=3
11	245	PALE	43	NS	0008.0	0011.0	1432.0	670.0			QL=4 ST=1 TYP=1
	245	PALE	43	NS	0008.0	0144.0	1432.0	820.0			QL=4 ST=1 TYP=1
	410	PALE	43	NS	0009.0	0012.0	174.0	310.0			QL=4 ST=1 TYP=1
	410	PALE	43	NS	0009.0	0012.0	1431.0	310.0			QL=4 ST=1 TYP=1
	127	TORN	43	NS	0730.0		400.0		1.0		V=1
	245	LEAR	43	NS	2203.0	0613.0	707.0	790.0			QL=2 ST=2 TYP=1
	245	LEAR	8	S	0057.0	0059.0	2.0	470.0			QL=2 ST=2 TYP=3
	410	LEAR	8	S	0059.0	0059.0	U	200.0			QL=4 ST=2 TYP=3
	410	PALE	8	S	0059.0	0059.0	1.0	360.0			QL=4 ST=2 TYP=3
	2804	VORO	1	S	0127.0	0128.2	1.3	40.8			
	410	LEAR	8	S	0208.0	0208.0	U	160.0			QL=4 ST=2 TYP=3
	245	LEAR	49	GB	0245.0	0247.0	2.0	2100.0			QL=2 ST=2 TYP=6
	245	PALE	49	GB	0245.0	0245.0	U	700.0			QL=4 ST=2 TYP=6
	245	PALE	49	GB	0247.0	0247.0	1.0	1700.0			QL=4 ST=2 TYP=6
	245	LEAR	48	C	0459.0	0501.0	2.0	1300.0			QL=2 ST=2 TYP=8
	245	LEAR	48	C	0508.0	0511.0	3.0	1600.0			QL=2 ST=2 TYP=8
	245	LEAR	48	C	0508.0	0511.0	3.0	1600.0			QL=2 ST=3 TYP=8
	245	LEAR	49	GB	0542.0	0542.0	1.0	1300.0			QL=2 ST=2 TYP=6
	245	LEAR	49	GB	0554.0	0555.0	3.0	2500.0			QL=2 ST=2 TYP=6
	2840	PEKG	3	S	0736.0	0739.6	18.0	35.7			
	245	LEAR	48	C	0737.0	0740.0	3.0	320.0			QL=2 ST=2 TYP=8
	2695	SVTO	8	S	0739.0	0739.0	1.0	33.0			QL=4 ST=2 TYP=3
	4995	SVTO	8	S	0739.0	0739.0	1.0	54.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0739.0	0739.0	1.0	69.0			QL=4 ST=2 TYP=3
	1415	SVTO	8	S	0740.0	0740.0	U	66.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1352.0	1352.0	U	110.0			QL=4 ST=2 TYP=3
	33	UPIC	45	C	1403.0	1403.5	1.5				
12	127	TORN	43	NS	1000.0		37.0		10.0		V=2
	127	TORN	43	NS	1157.0		133.0		1.0		V=2
	410	SVTO	8	S	1044.0	1044.0	U	230.0			QL=4 ST=2 TYP=3
	9500	CUBA	4	S/F	2148.5	2149.3	10.5	114.0	57.0		
	410	PALE	48	C	2149.0	2149.0	2.0	420.0			QL=4 ST=2 TYP=8
	245	PALE	8	S	2152.0	2152.0	U	220.0			QL=4 ST=2 TYP=3
13	127	TORN	44	NS	0700.0E		450.0D		16.0		V=2
	235	CUBA	44	NS	1445.0E		495.0D	14.0	7.0		
	2840	PEKG	5	S	0601.0	0602.5	7.0	11.8			
	2800	HIRA	8	S	0603.0	0603.0	1.0	15.0			
	2840	PEKG	5	S	0636.0	0639.5	8.0	13.4			
14	127	TORN	44	NS	0700.0E		450.0D		22.0		V=1
	235	CUBA	44	NS	1305.0E		540.0D	12.0	6.0		
	245	PALE	43	NS	2006.0	2007.0	215.0	130.0			QL=4 ST=2 TYP=1
	2840	PEKG	5	S	0126.0	0128.2	4.0	115.8			
	2804	VORO	40	F	0127.2	0128.2	1.8	47.9			
	2800	HIRA	8	S	0128.0	0129.0	1.0	50.0			
	245	LEAR	8	S	0946.0	0946.0	U	130.0			QL=4 ST=2 TYP=3

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NOVEMBER 2006

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	33	UPIC	46	C	0951.0	0952.5	2.5				
	33	UPIC	46	C	1012.0	1013.0	3.0				
	245	PALE	8	S	1841.0	1841.0	U	150.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	1929.0	1929.0	U	100.0			QL=4 ST=2 TYP=3
15	245	LEAR	43	NS	0249.0	0300.0	20.0	160.0			QL=4 ST=2 TYP=1
	245	LEAR	43	NS	0249.0	0249.0	1271.0	100.0			QL=4 ST=3 TYP=1
	245	SVTO	43	NS	0556.0	0633.0	554.0	310.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	0556.0	0627.0U	1084.0	280.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0556.0	0633.0U	1084.0	310.0			QL=4 ST=1 TYP=1
	245	SVTO	44	NS	0556.0E	0613.0U	1084.0D	260.0			QL=4 ST=1 TYP=1
	245	LEAR	43	NS	0608.0	0634.0	238.0	580.0			QL=4 ST=2 TYP=1
	127	TORN	44	NS	0700.0E		450.0D		90.0		V=1
	2804	VORO	8	S	0425.9	0426.4	0.9	6.4			
	2800	HIRA	8	S	0426.0	0426.0	1.0	10.0			
	2840	PEKG	1	S	0540.0	0542.1	5.0	4.9			
	245	LEAR	48	C	0735.0	0738.0	9.0	790.0			QL=4 ST=2 TYP=8
	245	SVTO	49	GB	0737.0	0737.0	1.0	600.0			QL=4 ST=2 TYP=6
	245	SVTO	48	C	0909.0	0913.0	6.0	470.0			QL=4 ST=2 TYP=8
	33	UPIC	45	C	0916.0	0917.0	1.5				
	245	SVTO	49	GB	0920.0	0920.0	U	610.0			QL=4 ST=2 TYP=6
	33	UPIC	46	C	1058.0	1058.8	1.5				
	2800	PENT	1	S	1846.3	1847.3	1.0	20.0			
	245	PALE	8	S	1913.0	1913.0	U	470.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2017.0	2017.0	U	130.0			QL=4 ST=2 TYP=3
16	127	TORN	44	NS	0700.0E		450.0D		6.0		V=1
	245	PALE	43	NS	2324.0	2324.0	96.0	100.0			QL=4 ST=2 TYP=1
	410	SVTO	8	S	0749.0	0749.0	1.0	50.0			QL=4 ST=2 TYP=3
	610	SVTO	8	S	0749.0	0749.0	U	140.0			QL=2 ST=2 TYP=3
	33	UPIC	45	C	0750.0	0750.3	1.0				
17	127	TORN	44	NS	0700.0E		450.0D		8.0		V=2
	235	CUBA	44	NS	1305.0E		515.0D	16.0	8.0		
	610	SVTO	8	S	1113.0	1113.0	1.0	460.0			QL=4 ST=2 TYP=3
	610	SVTO	8	S	1119.0	1119.0	1.0	180.0			QL=4 ST=2 TYP=3
	2800	PENT	1	S	2229.1	2232.0	2.9	25.0			
	2800	HIRA	4	S/F	2230.0	2232.0	4.0	50.0			
18	245	SVTO	43	NS	0611.0	0616.0	31.0	230.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	0611.0	0613.0	1069.0	130.0			QL=4 ST=1 TYP=1
	245	SVTO	43	NS	0611.0	0616.0	1069.0	230.0			QL=4 ST=1 TYP=1
	127	TORN	44	NS	0700.0E		450.0D		6.0		V=2
	33	UPIC	46	C	1002.0	1004.0	7.0				
19	245	LEAR	43	NS	0411.0	0453.0	42.0	230.0			QL=4 ST=2 TYP=1
	245	LEAR	43	NS	0650.0	0650.0	26.0	200.0			QL=4 ST=2 TYP=1
	245	SVTO	43	NS	0701.0	0701.0	U	130.0			QL=4 ST=3 TYP=1
	245	SVTO	43	NS	0701.0	0701.0	1260.0	130.0			QL=4 ST=2 TYP=1
	127	TORN	43	NS	0755.0		308.0				V=1
	245	LEAR	8	S	0411.0	0411.0	1.0	130.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0646.0	0646.0	1.0	150.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0649.0	0649.0	U	110.0			QL=4 ST=2 TYP=3
20	127	TORN	43	NS	1110.0	1339.0	149.0U	170.0	1.0		V=1
	235	CUBA	44	NS	1300.0E		510.0D	7.0	4.0		
	245	PALE	8	S	0119.0	0119.0	U	150.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1041.0	1041.0	U	100.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	2049.0	2049.0	1.0	160.0			QL=4 ST=2 TYP=3
21	127	TORN	43	NS	0750.0		390.0		2.0		V=2
	245	SGMR	43	NS	1844.0	1934.0	91.0	200.0			QL=4 ST=2 TYP=1
	245	SGMR	43	NS	1844.0	1855.0	316.0	160.0			QL=4 ST=1 TYP=1
	2800	HIRA	8	S	0437.0	0437.0	1.0	15.0			
	2800	HIRA	8	S	0447.0	0447.0	1.0	15.0			
	245	PALE	8	S	1855.0	1855.0	U	110.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	1934.0	1934.0	U	170.0			QL=4 ST=2 TYP=3
22	127	TORN	44	NS	0720.0E		390.0D		2.0		V=2

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

NOVEMBER 2006

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
22	245	SVTO	B S	0742.0	0742.0	U	130.0			QL=4 ST=2 TYP=3
	33	UPIC	45 C	1136.0	1137.5	2.0				
27	410	SGMR	B S	1341.0	1341.0	1.0	160.0			QL=2 ST=2 TYP=3
30	9500	CUBA	2 S/F	1322.1	1326.8	4.7	32.0	16.0		

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.