SOLAR RADIO EMISSION
Outstanding Occurrences

JUNE 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
04	245	SVTO	8	S	0900.0	0900.0	U	32.0			QL=4 ST=3 TYP=3
	245	SVTO	8	S	0900.0	0900.0	U	32.0			QL=4 ST=4 TYP=3
	245	SVTO	8	S	0900.0	0900.0	U	32.0			QL=4 ST=3 TYP=3
	245	SVTO	8	S	0900.0	0900.0	U	32.0			QL=4 ST=2 TYP=3
	610	SVTO	4	S/F	0900.0	0900.0	4.0	110.0			QL=2 ST=3 TYP=3
	610	SVTO	4	S/F	0900.0	0900.0	4.0	110.0			QL=2 ST=4 TYP=3
	610	SVTO	4	S/F	0900.0	0900.0	4.0	110.0			QL=2 ST=3 TYP=3
	610	SVTO	4	S/F	0900.0	0900.0	4.0	110.0			QL=2 ST=2 TYP=3
	610	LEAR	8	S	0901.0	0901.0	U	67.0			QL=4 ST=2 TYP=3
08	245	SVTO	8	S	1546.0	1546.0	U	58.0			QL=4 ST=2 TYP=3
	15400	SGMR	8	S	1829.0	1829.0	1.0	22.0			QL=4 ST=2 TYP=3
09	33	UPIC	42	SER	1536.0	1536.7	25.0				UNCERTN
	33	UPIC	42	SER	1659.5	1758.5	59.5				UNCERTN
10	245	LEAR	49	GB	0027.0	0027.0	U	2300.0			QL=4 ST=2 TYP=6
	245	PALE	49	GB	0027.0	0027.0	U	1700.0			QL=4 ST=2 TYP=6
	245	LEAR	8	S	0116.0	0116.0	U	200.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0116.0	0116.0	U	140.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0242.0	0242.0	U	100.0			QL=4 ST=2 TYP=3
	245	PALE	8	S	0326.0	0326.0	U	160.0			QL=4 ST=2 TYP=3
	245	LEAR	8	S	0430.0	0430.0	U	100.0			QL=4 ST=2 TYP=3
11	33	UPIC	45	C	1454.0	1454.2	1.0				UNCERTN
28	245	LEAR	8	S	0728.0	0728.0	U	83.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	0728.0	0728.0	U	59.0			QL=4 ST=2 TYP=3
30	245	PALE	8	S	0329.0	0330.0	1.0	250.0			QL=4 ST=2 TYP=3
	33	UPIC	45	C	0924.5	0926.0	2.0				UNCERTN
	245	SVTO	8	S	0925.0	0925.0	1.0	390.0			QL=4 ST=2 TYP=3
	245	LEAR	49	GB	0926.0	0926.0	U	650.0			QL=4 ST=2 TYP=6
	245	SVTO	8	S	1510.0	1510.0	U	70.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1658.0	1658.0	U	120.0			QL=4 ST=2 TYP=3
	245	SGMR	8	S	1658.0E	1658.0U	U	100.0			QL=2 ST=2 TYP=3
	245	PALE	8	S	1659.0	1659.0	U	120.0			QL=4 ST=2 TYP=3
	245	SVTO	8	S	1702.0	1702.0	U	62.0			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	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; and Hiraiso, Japan 500 and 200 MHz.