SOLAR RADIO EMISSION
Selected Fixed Frequency Events
DECEMBER 1999

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	2695	PALE	8	S	2000.0	2001.0	2.0	83.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	2001.0	2001.0	U	37.0			QL=4 ST=2 TYP=3
03	8800	PALE	8	S	1951.0	1951.0	U	75.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1951.0	1951.0	1.0	93.0			QL=2 ST=2 TYP=3
06	2695	SVTO	4	S/F	0703.0	0704.0	9.0	240.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	0704.0	0704.0	12.0	65.0			QL=2 ST=2 TYP=3
07	8800	PALE	8	S	2117.0	2118.0	2.0	100.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	2117.0	2118.0	1.0	31.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	2136.0	2136.0	U	21.0			QL=4 ST=2 TYP=3
16	2695	LEAR	4	S/F	0736.0	0737.0	3.0	150.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0736.0	0737.0	2.0	82.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0736.0	0737.0	1.0	63.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	0736.0	0737.0	9.0	140.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0959.0	0959.0	U	49.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	2016.0	2016.0	1.0	27.0			QL=4 ST=2 TYP=3
17	8800	LEAR	4	S/F	0535.0	0536.0	9.0	92.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0755.0	0755.0	1.0	54.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0933.0	0933.0	1.0	84.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0933.0	0933.0	U	48.0			QL=2 ST=2 TYP=3
	2695	PALE	4	S/F	1856.0	1856.0	8.0	36.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1856.0	1856.0	U	30.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	2138.0	2138.0	1.0	31.0			QL=4 ST=2 TYP=3
18	2695	SGMR	8	S	1316.0	1316.0	2.0	53.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1316.0	1316.0	2.0	38.0			QL=4 ST=2 TYP=3
	8800	SVTO	46	C	1316.0	1316.0	U	28.0			QL=4 ST=2 TYP=8
	2695	SVTO	8	S	1316.0	1316.0	1.0	50.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1716.0	1717.0	1.0	50.0			QL=4 ST=3 TYP=3
	8800	PALE	8	S	1911.0	1912.0	1.0	150.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1911.0	1912.0	2.0	270.0			QL=4 ST=2 TYP=3
19	8800	SVTO	8	S	1119.0	1119.0	1.0	58.0			QL=4 ST=2 TYP=3
20	8800	LEAR	8	S	2230.0	2230.0	U	53.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	2230.0	2230.0	U	57.0			QL=4 ST=2 TYP=3
21	2695	SGMR	4	S/F	1715.0	1715.0	4.0	70.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1715.0	1715.0	4.0	390.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	2143.0	2143.0	U	47.0			QL=4 ST=2 TYP=3
22	8800	LEAR	8	S	0827.0	0827.0	U	60.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1053.0	1054.0	2.0	130.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1053.0	1054.0	3.0	420.0			QL=4 ST=2 TYP=3
23	8800	PALE	8	S	1933.0	1933.0	1.0	180.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1933.0	1933.0	1.0	62.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1933.0	1933.0	1.0	280.0			QL=4 ST=2 TYP=3
24	8800	SGMR	8	S	1641.0	1641.0	2.0	94.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1830.0	1830.0	1.0	56.0			QL=4 ST=2 TYP=3
27	8800	LEAR	4	S/F	0148.0	0150.0	5.0	350.0			QL=4 ST=2 TYP=3
	2695	LEAR	4	S/F	0149.0	0150.0	3.0	120.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1719.0	1720.0	4.0	24.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1719.0	1720.0	5.0	12.0			QL=4 ST=2 TYP=3
28	2695	PALE	49	GB	0040.0	0044.0	8.0	1500.0			QL=4 ST=2 TYP=6
	8800	PALE	49	GB	0040.0	0043.0	8.0	4100.0			QL=4 ST=2 TYP=6
	2695	LEAR	48	C	0041.0	0044.0	13.0	1400.0			QL=4 ST=2 TYP=8
	8800	LEAR	48	C	0042.0	0043.0	13.0	4300.0			QL=4 ST=2 TYP=8
29	2695	LEAR	8	S	0925.0	0925.0	1.0	140.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0925.0	0925.0	1.0	360.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	0925.0	0925.0	1.0	140.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0925.0	0925.0	1.0	390.0			QL=4 ST=2 TYP=3