SOLAR RADIO EMISSION
Selected Fixed Frequency Events

SEPTEMBER 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
06	2695	SGMR	20	GRF	2026.0	2034.0	57.0	43.0			QL=4 ST=1 TYP=2
	2695	SGMR	20	GRF	2026.0E	2034.0	69.0D	43.0			QL=4 ST=2 TYP=2
07	8800	SGMR	8	S	1238.0	1238.0	U	21.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	1722.0	1722.0	U	53.0			QL=4 ST=2 TYP=3
	8800	SGMR	48	C	1723.0	1736.0U	99.0	23000.0			QL=4 ST=2 TYP=8
	8800	PALE	48	C	1724.0	1737.0	84.0	12000.0			QL=4 ST=2 TYP=8
	2695	PALE	48	C	1724.0	1737.0	101.0	25000.0			QL=4 ST=2 TYP=8
	2695	SGMR	48	C	1728.0E	1736.0U	102.0D	27000.0			QL=4 ST=2 TYP=8
	8800	SGMR	8	S	1923.0	1923.0	U	54.0			QL=4 ST=2 TYP=3
	8800	PALE	4	S/F	2006.0	2007.0	4.0	75.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	2006.0	2007.0	1.0	52.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	2043.0	2044.0	1.0	62.0			QL=4 ST=2 TYP=3
08	8800	PALE	8	S	1700.0	1700.0	U	52.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1700.0	1700.0	U	53.0			QL=4 ST=2 TYP=3
	8800	SGMR	48	C	2053.0	2105.0	49.0	1300.0			QL=4 ST=2 TYP=8
	8800	PALE	48	C	2056.0	2105.0	49.0	1000.0			QL=4 ST=2 TYP=8
	2695	SGMR	48	C	2102.0	2119.0	39.0	1000.0			QL=4 ST=2 TYP=8
	2695	PALE	48	C	2102.0	2104.0	43.0	990.0			QL=4 ST=2 TYP=8
09	8800	LEAR	8	S	0234.0	0235.0	1.0	61.0			QL=4 ST=2 TYP=3
	8800	LEAR	48	C	0246.0	0256.0	32.0	180.0			QL=4 ST=2 TYP=8
	8800	PALE	48	C	0247.0	0256.0	25.0	190.0			QL=4 ST=2 TYP=8
	8800	LEAR	4	S/F	0447.0	0451.0	17.0	70.0			QL=4 ST=2 TYP=3
	8800	SVTO	20	GRF	0455.0	0458.0	28.0	93.0			QL=4 ST=2 TYP=2
	8800	LEAR	4	S/F	0534.0	0544.0	29.0	220.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	0541.0	0544.0	11.0	160.0			QL=4 ST=2 TYP=3
	2695	SVTO	48	C	0552.0	0602.0	13.0	200.0			QL=2 ST=2 TYP=8
	8800	SVTO	48	C	0952.0	0956.0	27.0	930.0			QL=4 ST=2 TYP=8
	8800	LEAR	48	C	0953.0	0956.0	847.0	580.0			QL=2 ST=2 TYP=8
	2695	SVTO	4	S/F	0954.0	0956.0	18.0	270.0			QL=4 ST=2 TYP=3
	2695	LEAR	8	S	0955.0	0955.0	2.0	210.0			QL=2 ST=2 TYP=3
	8800	SGMR	49	GB	1916.0	1948.0	144.0	22000.0			QL=4 ST=2 TYP=6
	8800	PALE	48	C	1916.0	1948.0U	145.0	22000.0			QL=2 ST=2 TYP=8
	2695	SGMR	48	C	1921.0E	1949.0	140.0D	3700.0			QL=4 ST=2 TYP=8
	2695	PALE	48	C	1921.0	1949.0U	141.0	4200.0			QL=2 ST=2 TYP=8
	2695	PALE	4	S/F	2223.0	2226.0	7.0	170.0			QL=4 ST=2 TYP=3
10	8800	SGMR	49	GB	1637.0	1639.0	11.0	870.0			QL=4 ST=2 TYP=6
	2695	SGMR	48	C	1638.0	1640.0	6.0	600.0			QL=4 ST=2 TYP=8
	8800	SGMR	48	C	1921.0	1922.0	20.0	300.0			QL=4 ST=2 TYP=8
	8800	PALE	8	S	1922.0	1922.0	1.0	180.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	1922.0	1922.0	1.0	59.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1922.0	1922.0	2.0	65.0			QL=4 ST=2 TYP=3
	8800	SGMR	49	GB	2130.0E	2134.0	17.0D	4700.0			QL=4 ST=2 TYP=6
	2695	SGMR	48	C	2130.0E	2134.0	31.0D	2200.0			QL=4 ST=2 TYP=8
	2695	PALE	48	C	2153.0	2211.0	24.0	1600.0			QL=4 ST=2 TYP=8
	8800	PALE	48	C	2203.0	2214.0	93.0	1300.0			QL=4 ST=2 TYP=8
	8800	LEAR	48	C	2242.0E	2247.0U	46.0D	270.0			QL=2 ST=3 TYP=8
	2695	LEAR	48	C	2242.0E	2316.0U	51.0D	210.0			QL=2 ST=3 TYP=8
	2695	LEAR	20	GRF	2344.0	2349.0	8.0	130.0			QL=4 ST=2 TYP=2
	2695	PALE	4	S/F	2344.0	2349.0	16.0	130.0			QL=4 ST=3 TYP=3
	8800	PALE	8	S	2349.0	2349.0	1.0	54.0			QL=4 ST=2 TYP=3
11	8800	LEAR	4	S/F	0232.0	0233.0	8.0	70.0			QL=4 ST=2 TYP=3
	8800	PALE	4	S/F	0233.0	0234.0	5.0	83.0			QL=4 ST=2 TYP=3
	8800	LEAR	8	S	0543.0	0543.0	1.0	95.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0543.0	0543.0	2.0	97.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	0709.0	0709.0	U	51.0			QL=4 ST=2 TYP=3
	2695	SVTO	48	C	1241.0	1338.0	97.0	310.0			QL=4 ST=2 TYP=8
	2695	SGMR	48	C	1241.0	1339.0	105.0	250.0			QL=4 ST=3 TYP=8
	8800	SVTO	48	C	1248.0	1304.0	90.0	170.0			QL=4 ST=2 TYP=8
	8800	SGMR	48	C	1249.0	1304.0	62.0	130.0			QL=4 ST=3 TYP=8
	8800	PALE	8	S	2214.0	2215.0	1.0	62.0			QL=4 ST=2 TYP=3
12	8800	LEAR	8	S	0455.0	0457.0	2.0	57.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	0458.0	0459.0	6.0	100.0			QL=2 ST=2 TYP=3
	2695	LEAR	8	S	0659.0	0659.0	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
Selected Fixed Frequency Events

SEPTEMBER 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
12	8800	LEAR	8	S	0659.0	0659.0	1.0	80.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	0659.0	0659.0	2.0	71.0			QL=4 ST=2 TYP=3
	8800	SVTO	8	S	0659.0	0659.0	2.0	76.0			QL=4 ST=2 TYP=3
	8800	LEAR	48	C	0843.0	0847.0	48.0	3800.0			QL=4 ST=2 TYP=8
	2695	SVTO	49	GB	0843.0	0847.0	41.0	980.0			QL=4 ST=2 TYP=6
	8800	SVTO	48	C	0843.0	0847.0	52.0	4200.0			QL=4 ST=2 TYP=8
	2695	LEAR	49	GB	0844.0	0846.0	916.0	570.0			QL=4 ST=3 TYP=6
	2695	PALE	8	S	1935.0	1935.0	U	38.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	1935.0	1935.0	U	110.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	2006.0	2008.0	3.0	360.0			QL=4 ST=2 TYP=3
	2695	PALE	4	S/F	2007.0	2008.0	3.0	410.0			QL=4 ST=2 TYP=3
	8800	PALE	49	GB	2007.0	2007.0	2.0	510.0			QL=4 ST=2 TYP=6
	8800	SGMR	8	S	2007.0	2007.0	1.0	370.0			QL=4 ST=2 TYP=3
13	8800	SGMR	4	S/F	1119.0	1119.0	3.0	200.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	1120.0E	1121.0U	6.0D	120.0			QL=4 ST=2 TYP=3
	8800	SVTO	4	S/F	1120.0E	1120.0U	4.0D	140.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1407.0	1407.0	U	54.0			QL=4 ST=2 TYP=3
	8800	SGMR	48	C	1921.0E	1923.0	128.0D	24000.0			QL=4 ST=2 TYP=8
	8800	PALE	48	C	1922.0	1923.0	128.0	23000.0			QL=4 ST=2 TYP=8
	2695	PALE	48	C	1922.0	1923.0	135.0	6000.0			QL=4 ST=2 TYP=8
	2695	SGMR	48	C	1922.0E	1923.0	133.0D	4900.0			QL=4 ST=2 TYP=8
	8800	LEAR	49	GB	2317.0	2320.0	20.0	1600.0			QL=4 ST=2 TYP=6
	8800	PALE	49	GB	2318.0	2320.0	42.0	1400.0			QL=4 ST=3 TYP=6
	2695	LEAR	4	S/F	2319.0	2320.0	4.0	190.0			QL=4 ST=2 TYP=3
	2695	PALE	4	S/F	2319.0	2320.0	41.0	180.0			QL=4 ST=3 TYP=3
14	8800	SGMR	8	S	1052.0E	1053.0U	1.0D	64.0			QL=4 ST=2 TYP=3
	8800	PALE	8	S	2111.0	2111.0	1.0	82.0			QL=4 ST=2 TYP=3
15	8800	SVTO	8	S	0458.0	0459.0	1.0	75.0			QL=2 ST=2 TYP=3
	8800	LEAR	8	S	0459.0	0459.0	U	110.0			QL=4 ST=2 TYP=3
	8800	LEAR	49	GB	0834.0	0836.0	7.0	2500.0			QL=4 ST=2 TYP=6
	8800	SVTO	49	GB	0834.0	0836.0	48.0	3200.0			QL=4 ST=2 TYP=6
	2695	LEAR	4	S/F	0835.0	0836.0	9.0	430.0			QL=4 ST=2 TYP=3
	2695	SVTO	4	S/F	0835.0	0836.0	45.0	450.0			QL=4 ST=2 TYP=3
	8800	SGMR	8	S	1649.0	1649.0	1.0	60.0			QL=2 ST=2 TYP=3
	2695	SGMR	8	S	1649.0	1649.0	1.0	52.0			QL=2 ST=2 TYP=3
	8800	PALE	4	S/F	1858.0	1859.0	3.0	340.0			QL=4 ST=2 TYP=3
	2695	PALE	8	S	1859.0	1859.0	1.0	190.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1859.0	1859.0	4.0	380.0			QL=2 ST=2 TYP=3
	2695	SGMR	8	S	1859.0	1859.0	2.0	180.0			QL=2 ST=2 TYP=3
	8800	PALE	8	S	2157.0	2157.0	1.0	300.0			QL=4 ST=2 TYP=3
16	8800	LEAR	4	S/F	0145.0	0147.0	8.0	470.0			QL=4 ST=2 TYP=3
	2695	LEAR	4	S/F	0146.0	0147.0	4.0	220.0			QL=4 ST=2 TYP=3
	2695	PALE	4	S/F	0146.0	0147.0	5.0	250.0			QL=4 ST=2 TYP=3
	8800	PALE	4	S/F	0146.0	0147.0	4.0	420.0			QL=4 ST=2 TYP=3
	2695	SGMR	8	S	1442.0	1442.0	1.0	45.0			QL=2 ST=2 TYP=3
	8800	SGMR	8	S	1442.0	1442.0	2.0	39.0			QL=2 ST=2 TYP=3
	8800	SVTO	8	S	1442.0	1442.0	U	44.0			QL=4 ST=2 TYP=3
	2695	SVTO	8	S	1442.0	1442.0	1.0	60.0			QL=4 ST=2 TYP=3
	8800	SGMR	4	S/F	1743.0	1745.0	4.0	83.0			QL=2 ST=2 TYP=3
	2695	SGMR	4	S/F	1744.0	1745.0	3.0	26.0			QL=2 ST=2 TYP=3
	8800	PALE	8	S	1745.0	1745.0	1.0	92.0			QL=4 ST=2 TYP=3
	8800	SGMR	48	C	1929.0	1932.0	9.0	210.0			QL=2 ST=2 TYP=8
	8800	PALE	48	C	1929.0	1930.0	13.0	210.0			QL=4 ST=2 TYP=8
	2695	PALE	4	S/F	1930.0	1933.0	8.0	100.0			QL=4 ST=2 TYP=3
	2695	SGMR	4	S/F	1930.0	1933.0	6.0	79.0			QL=2 ST=2 TYP=3
	8800	LEAR	8	S	2336.0	2336.0	U	240.0			QL=4 ST=3 TYP=3
	8800	PALE	8	S	2336.0	2336.0	U	250.0			QL=4 ST=2 TYP=3
17	2695	LEAR	48	C	0600.0	0604.0	17.0	1000.0			QL=4 ST=2 TYP=8
	8800	LEAR	48	C	0600.0	0603.0	17.0	1800.0			QL=4 ST=2 TYP=8
	8800	SVTO	48	C	0601.0	0605.0	8.0	960.0			QL=4 ST=2 TYP=8
	2695	SVTO	48	C	0601.0	0605.0	16.0	1000.0			QL=4 ST=2 TYP=8