

B. Solar Radio Emission
 B1. Daily Data at Hiraiso
 500 MHz

Hiraiso

May 2002

Single-frequency total flux observations at 500 MHz					
Flux density: $10^{-22} \text{ W m}^{-2} \text{ Hz}^{-1}$					
UT Date	00-03	03-06	06-09	21-24	Day
1	43	43	43	46	44
2	44	43	42	48	44
3	44	43	42	46	43
4	44	43	42	45	44
5	46	44	44	47	46
6	46	45	46	49	46
7	48	46	42	47	46
8	47	48	48	50	48
9	50	49	48	48	49
10	-	46	46	45	45
11	48	45	45	48	46
12	47	47	49	48	48
13	47	44	43	47	45
14	46	44	45	44	45
15	43	43	43	16	36
16	26	43	18	42	32
17	43	42	42	38	41
18	41	40	39	47	41
19	40	38	39	40	39
20	39	40	40	44	41
21	41	40	39	42	40
22	40	41	41	41	41
23	39	39	39	40	39
24	39	39	39	42	40
25	41	40	41	42	41
26	42	41	41	42	41
27	41	40	39	43	41
28	43	43	42	41	43
29	41	41	40	42	41
30	41	40	41	42	41
31	42	43	41	45	43

Note: No data is available during the following periods.
 9th 2210 - 10th 0500

B. Solar Radio Emission
B2.Outstanding Occurrences at Hiraiso

Hiraiso

May 2002

Single-frequency observations								
Normal observing period: 1925 - 0940 U.T. (sunrise to sunset)								
MAY 2002	FREQ. (MHz)	TYPE	START TIME (U.T.)	TIME OF MAXIMUM (U.T.)	DUR. (MIN.)	FLUX DENSITY ($10^{-22} \text{ W m}^{-2} \text{ Hz}^{-1}$)		POLARIZATION
						PEAK	MEAN	REMARKS
1	200	8 S	0045.0	0045.0	1.0	35	-	WR
1	500	8 S	0046.0	0046.0	1.0	85	-	0
2	200	8 S	0328.0	0328.0	1.0	20	-	0
2	200	8 S	0639.0	0639.0	1.0	10	-	0
3	200	8 S	0401.0	0402.0	1.0	155	-	0
3	200	8 S	2314.0	2315.0	1.0	100	-	0
5	200	8 S	0209.0	0211.0	2.0	25	-	0
5	200	8 S	0442.0	0443.0	3.0	30	-	WR
5	200	8 S	0452.0	0453.0	2.0	55	-	0
5	200	8 S	2200.0	2200.0	1.0	20	-	0
5	200	8 S	2215.0	2215.0	1.0	15	-	0
7	500	42 SER	0002.0	0029.0	52.0	60	-	0
7	2800	42 SER	0339.0	0402.0	31.0	160	-	0
7	500	48 C	0340.0	0413.0	69.0	280	-	WR
7	200	47 GB	0341.0	0417.0	49.0	830	-	0
8	200	8 S	2230.0	2231.0	1.0	190	-	0
9	200	8 S	0215.0	0217.0	3.0	30	-	0
9	200	8 S	0423.0	0423.0	1.0	10	-	0
9	500	7 C	0656.0	0659.0	3.0	30	-	0
9	200	7 C	0656.0	0657.0	3.0	50	-	WR
9	200	7 C	0712.0	0715.0	4.0	10	-	0
10	200	8 S	2147.0	2147.0	1.0	25	-	0
10	500	8 S	2356.0	2358.0	2.0	105	-	0
11	500	8 S	0040.0	0040.0	1.0	15	-	0
11	500	42 SER	0246.0	0249.0	3.0	10	-	0
11	500	8 S	0258.0	0258.0	1.0	10	-	0
11	200	8 S	0258.0	0258.0	1.0	15	-	0
11	200	8 S	0512.0	0512.0	1.0	55	-	0
11	200	8 S	2150.0	2151.0	2.0	10	-	0
11	200	8 S	2214.0	2214.0	1.0	10	-	0
12	200	8 S	0002.0	0003.0	1.0	135	-	0
12	200	8 S	0134.0	0134.0	1.0	375	-	0
12	200	8 S	0157.0	0157.0	2.0	45	-	0
12	200	8 S	0414.0	0415.0	1.0	10	-	0
13	200	8 S	0053.0	0053.0	2.0	35	-	0
13	200	7 C	0251.0	0253.0	3.0	30	-	0
13	200	8 S	0333.0	0331.0	2.0	30	-	0
13	200	7 C	2050.0	2051.0	3.0	30	-	0
16	2800	1 S	0011.0	0016.0	7.0	35	-	0
16	2800	8 S	0031.0	0031.0	1.0	40	-	0
16	2800	8 S	0311.0	0311.0	1.0	95	-	0
16	500	7 C	0010.0	0027.0	32.0	50	-	0
16	500	21 GRF	0112.0	0320.0	356.0	20	-	0
16	500	7 C	0304.0	0320.0	79.0	360	-	0
16	200	8 S	0033.0	0034.0	3.0	40	-	0
16	200	8 S	0623.0	0624.0	4.0	140	-	0
16	200	8 S	2105.0	2105.0	1.0	95	-	0

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MAY 2002	FREQ. (MHz)	TYPE	START TIME (U.T.)	TIME OF MAXIMUM (U.T.)	DUR. (MIN.)	FLUX DENSITY ($10^{-22} \text{ W m}^{-2} \text{ Hz}^{-1}$)		POLARIZATION REMARKS
						PEAK	MEAN	
17	2800	3 S	0519.0	0520.0	4.0	125	-	0
17	500	7 C	0749.0	0757.0	23.0	80	-	0
19	200	8 S	0007.0	0008.0	2.0	95	-	0
19	500	8 S	2145.0	2146.0	2.0	30	-	0
20	500	42 SER	0334.0	0338.0	4.0	145	-	0
21	2800	1 S	0504.0	0504.0	2.0	35	-	0
21	200	8 S	0508.0	0508.0	1.0	25	-	0
21	2800	4 S/F	2119.0	2125.0	13.0	95	-	0
21	500	4 S/F	2121.0	2127.0	10.0	30	-	0
21	200	7 C	2124.0	2145.0	26.0	130	-	0
21	500	7 C	2319.0	2329.0	51.0	195	-	0
21	2800	7 C	2342.0	0000.0	38.0	40	-	0
22	200	8 S	0329.0	0329.0	1.0	35	-	0
27	500	8 S	2125.0	2125.0	1.0	25	-	
28	500	8 S	0348.0	0348.0	1.0	20	-	
28	500	7 C	0607.0	0607.0	13.0	10	-	
29	2800	1 S	0037.0	0037.0	3.0	30	-	
29	2800	7 C	0243.0	0246.0	11.0	140	-	
29	500	47 GB	0331.0	0331.0	1.0	655	-	
29	200	8 S	0750.0	0752.0	3.0	150	-	
29	200	7 C	2326.0	2328.0	4.0	15	-	
29	500	8 S	2326.0	2326.0	1.0	100	-	
30	500	8 S	0011.0	0011.0	1.0	25	-	
30	2800	7 C	2305.0	2325.0	46.0	55	-	0
30	500	7 C	2309.0	2334.0	40.0	25	-	0
30	200	7 C	2310.0	2321.0	17.0	20	-	0
30	500	8 S	2356.0	2356.0	1.0	20	-	0
30	200	7 C	2354.0	2356.0	5.0	80	-	0
31	2800	7 C	0006.0	0011.0	14.0	100	-	0
31	500	4 S/F	0005.0	0007.0	11.0	20	-	0
31	200	8 S	0009.0	0009.0	1.0	30	-	0

