

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

Hiraiso

June 2003

Single-frequency total flux observations at 500 MHz					
Flux density: $10^{-22} \text{ W m}^{-2} \text{ Hz}^{-1}$					
Date \ UT	00-03	03-06	06-09	21-24	Day
1	-	-	-	-	-
2	29	28	29	31	29
3	30	28	28	29	29
4	28	27	27	28	28
5	26	26	27	30	27
6	31	29	28	29	29
7	29	29	29	31	30
8	31	29	29	33	31
9	31	30	30	-	30
10	35	32	32	36	34
11	35	35	33	36	35
12	36	33	33	34	34
13	35	32	30	30	32
14	28	27	28	29	28
15	28	27	27	30	28
16	29	28	29	28	29
17	27	26	25	30	27
18	28	27	28	28	28
19	25	24	24	28	25
20	27	25	24	29	26
21	31	29	28	30	30
22	29	28	29	30	29
23	30	30	29	27	29
24	34	30	29	28	30
25	28	26	27	30	27
26	28	27	28	29	28
27	27	27	27	28	27
28	29	28	28	30	29
29	29	28	28	34	30
30	61	33	28	-	42
31					

Note: No data is available during the following periods.

1st 0000 - 2nd 0100

9th 2000 - 10th 0045

28th 2100 - 30th 0200

30th 0815 - 30th 2400

A superscript \* stands for being superposed on a burst.

B. Solar Radio Emission  
B2.Outstanding Occurrences at Hiraiso

Hiraiso

June 2003

Single-frequency observations								
Normal observing period: 1915 - 1000 U.T. (sunrise to sunset)								
JUN. 2003	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
2	500	8 S	0524.0	0524.0	1.0	20	-	0
2	2800	7 C	0828.0	0842.0	20.0	190	-	0
2	500	7 C	0830.0	0842.0	20.0	100	-	0
4	500	8 S	0011.0	0011.0	1.0	10	-	0
5	500	8 S	2316.0	2317.0	1.0	10	-	WL
6	2800	3 S	2333.0	2336.0	6.0	115	-	ML
6	500	7 C	2333.0	2337.0	6.0	45	-	0
7	500	8 S	0125.0	0125.0	1.0	20	-	0
7	500	8 S	0521.0	0521.0	1.0	15	-	0
7	2800	1 S	0529.0	0531.0	4.0	20	-	0
7	500	8 S	0609.0	0609.0	1.0	50	-	0
7	500	8 S	2030.0	2030.0	1.0	35	-	0
9	500	8 S	0324.0	0324.0	1.0	15	-	0
9	500	8 S	0735.0	0735.0	1.0	10	-	0
10	500	42 SER	0126.0	0126.0	82.0	215	-	WL
10	2800	1 S	0251.0	0253.0	4.0	25	-	0
10	500	7 C	0801.0	0802.0	3.0	50	-	0
10	500	7 C	0834.0	0836.0	7.0	130	-	0
10	2800	8 S	0836.0	0836.0	4.0	120	-	0
10	500	8 S	2118.0	2119.0	2.0	30	-	WL
10	500	8 S	2151.0	2151.0	1.0	170	-	0
10	500	8 S	2221.0	2221.0	1.0	25	-	0
10	2800	3 S	2359.0	2359.0	8.0	55	-	0
11	2800	1 S	2146.0	2149.0	6.0	20	-	0
11	500	8 S	2215.0	2215.0	1.0	20	-	0
12	2800	7 C	0137.0	0139.0	9.0	30	-	0
12	500	3 S	0137.0	0139.0	4.0	25	-	0
12	500	42 SER	0631.0	0704.0	46.0	70	-	
12	500	47 GB	0807.0	0813.0	10.0	590	-	
12	500	8 S	0904.0	0905.0	1.0	50	-	
12	2800	4 S/F	2124.0	2125.0	6.0	120	-	
12	500	47 GB	2124.0	2124.0	3.0	560	-	
12	500	7 C	2340.0	2340.0	1.0	15	-	
13	2800	1 S	0008.0	0008.0	2.0	40	-	
13	500	1 S	0008.0	0008.0	2.0	10	-	
13	2800	8 S	0434.0	0435.0	3.0	120	-	
13	500	8 S	0434.0	0434.0	1.0	15	-	
13	500	7 C	0444.0	0447.0	7.0	130	-	
13	500	7 C	0646.0	0647.0	3.0	10	-	
14	2800	4 S/F	0021.0	0023.0	4.0	45	-	0
14	2800	7 C	0243.0	0252.0	11.0	70	-	0
14	500	7 C	0243.0	0250.0	10.0	120	-	0
14	2800	3 S	0531.0	0538.0	20.0	60	-	0
15	2800	47 GB	2339.0	2345.0	31.0	940	-	0
15	500	4 S/F	2341.0	2345.0	27.0	95	-	0
16	500	8 S	0247.0	0247.0	1.0	15	-	0
16	500	8 S	2250.0	2250.0	1.0	55	-	0

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						PEAK	MEAN	REMARKS
17	2800	3 S	2150.0	2151.0	5.0	135	-	0
17	2800	47 GB	2238.0	2255.0	54.0	1785	-	0
20	500	8 S	0642.0	0643.0	1.0	120	-	0
20	500	8 S	0851.0	0851.0	1.0	55	-	0
21	500	7 C	0013.0	0015.0	2.0	100	-	WR
21	500	7 C	0023.0	0024.0	6.0	400	-	SR
21	2800	4 S/F	0232.0	0234.0	3.0	75	-	0
21	500	8 S	0232.0	0232.0	1.0	10	-	WL
21	500	8 S	0307.0	0308.0	3.0	15	-	WR
21	500	8 S	0648.0	0648.0	1.0	10	-	0
21	500	8 S	0836.0	0836.0	1.0	10	-	0
22	500	47 GB	0253.0	0255.0	2.0	585	-	0
22	500	8 S	0413.0	0413.0	1.0	25	-	0
22	500	42 SER	0535.0	0543.0	11.0	75	-	0
22	500	47 GB	0902.0	0922.0	6.0	740	-	0
22	500	7 C	2143.0	2149.0	10.0	25	-	WR
28	2800	7 C	0655.0	0704.0	13.0	25	-	WL
28	500	7 C	0655.0	0703.0	13.0	45	-	0
29	500	7 C	0233.0	0242.0	17.0	60	-	0
29	2800	8 S	0241.0	0241.0	1.0	40	-	0
30	2800	1 S	0733.0	0735.0	///	40	-	0
30	500	7 C	0733.0	0734.0	///	405	-	0

