

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

Hiraiso

December 2001

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	55	49	50	58	53
2	52	50	51	59	53
3	54	48	46	49	50
4	51	52	51	55	52
5	55	51	52	47	52
6	47	51	54	61	52
7	55	52	53	61	55
8	56	52	52	61	55
9	55	52	52	56	54
10	55	53	54	63	56
11	58	55	53	63	57
12	57	50	50	54	53
13	54	53	50	59	54
14	55	51	51	60	54
15	57	54	54	63	57
16	58	53	53	64	57
17	59	53	53	-	56
18	55	53	54	72	59
19	64	52	-	-	59
20	57	55	55	-	56
21	55	54	49	59	55
22	56	54	54	60	56
23	56	54	56	61	57
24	61	56	54	62	59
25	61	59	56	65	60
26	61	79*	117*	65	74*
27	64	57	56	66	61
28	65	59	57	63	62
29	59	58	57	63	60
30	59	54	53	62	57
31	60	55	54	62	58

Note: No data is available during the following periods.

17th 2130 - 18th 0230

19th 0430 - 20th 0020

20th 2140 - 21st 0150

28th 0200 - 28th 0500

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

B. Solar Radio Emission  
B2.Outstanding Occurrences at Hiraiso

Hiraiso

December 2001

Single-frequency observations								
Normal observing period: 2140 - 0725 U.T. (sunrise to sunset)								
DEC.	FREQ.	TYPE	START TIME	TIME OF MAXIMUM	DUR.	FLUX DENSITY		POLARIZATION
						(10 <sup>-22</sup> W m <sup>-2</sup> Hz <sup>-1</sup> )		
2001	(MHz)		(U.T.)	(U.T.)	(MIN.)	PEAK	MEAN	REMARKS
1	2800	8 S	0648.0	0649.0	2.0	140	-	0
1	500	8 S	0650.0	0650.0	1.0	135	-	0
2	2800	1 S	0329.0	0331.0	3.0	30	-	0
2	500	4 S/F	0329.0	0331.0	4.0	145	-	0
2	200	7 C	0329.0	0331.0	5.0	170	-	0
2	200	8 S	0421.0	0422.0	1.0	20	-	0
4	2800	1 S	0038.0	0041.0	8.0	30	-	0
4	200	8 S	0533.0	0533.0	1.0	25	-	0
7	200	8 S	0140.0	0141.0	1.0	100	-	0
7	200	8 S	0238.0	0239.0	1.0	200	-	0
7	500	8 S	0438.0	0438.0	1.0	30	-	0
7	200	8 GB	0438.0	0438.0	1.0	2365	-	0
7	200	47 GB	2157.0	2157.0	1.0	3440	-	0
8	2800	1 S	0202.0	0208.0	10.0	35	-	0
8	200	8 S	0332.0	0332.0	1.0	70	-	0
8	200	8 S	0608.0	0608.0	1.0	25	-	0
8	500	7 C	2215.0	2219.0	5.0	90	-	0
8	200	8 S	2218.0	2219.0	1.0	75	-	0
9	200	8 S	0438.0	0438.0	1.0	10	-	0
10	200	8 S	2332.0	2332.0	1.0	50	-	0
11	500	7 C	0327.0	0341.0	18.0	35	-	0
11	200	7 C	0328.0	0342.0	19.0	450	-	0
12	200	8 S	0132.0	0132.0	1.0	65	-	0
12	200	8 S	0350.0	0350.0	1.0	20	-	0
12	200	8 S	0455.0	0455.0	1.0	110	-	0
13	200	42 SER	0146.0	0146.0	5.0	55	-	0
13	500	7 C	0231.0	0232.0	6.0	65	-	0
13	200	8 S	0248.0	0248.0	1.0	865	-	0
14	200	8 S	0101.0	0101.0	1.0	90	-	0
14	200	7 C	0133.0	0134.0	4.0	25	-	0
14	200	8 S	0351.0	0351.0	1.0	30	-	0
14	200	8 S	0541.0	0541.0	1.0	20	-	0
14	200	8 S	2306.0	2307.0	2.0	65	-	0
16	200	8 S	0122.0	0123.0	1.0	145	-	0
19	2800	1 S	0230.0	0232.0	2.0	30	-	0
19	500	8 S	0230.0	0231.0	2.0	320	-	0
19	200	47 GB	0230.0	0231.0	2.0	1260	-	0
20	200	8 S	0537.0	0537.0	1.0	100	-	0
24	200	42 SER	0019.0	0020.0	14.0	40	-	0
24	2800	4 S/F	0026.0	0028.0	9.0	70	-	0
24	500	4 S/F	0026.0	0033.0	12.0	35	-	0
25	2800	3 S	2311.0	2312.0	3.0	50	-	0
25	500	8 S	2312.0	2312.0	1.0	75	-	0
26	2800	47 GB	0430.0	0514.0	134.0	2630	-	0
26	500	7 C	0431.0	0624.0	139.0	170	-	0
26	200	7 C	0446.0	0453.0	133.0	105	-	0
26	200	8 S	2149.0	2150.0	3.0	250	-	WL

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DEC.	FREQ.	TYPE	START TIME	TIME OF MAXIMUM	DUR.	FLUX DENSITY		POLARIZATION
						(10 <sup>-22</sup> W m <sup>-2</sup> Hz <sup>-1</sup> )		
2001	(MHz)		(U.T.)	(U.T.)	(MIN.)	PEAK	MEAN	REMARKS
29	200	8 S	0339.0	0340.0	1.0	15	-	0
30	200	7 C	2331.0	2331.0	8.0	50	-	0
31	2800	1 S	0418.0	0420.0	4.0	45	-	0
31	500	8 S	0419.0	0419.0	1.0	370	-	0

