

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

Hiraiso

December 2002

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	42	42	42	49	44
2	44	42	42	48	44
3	43	39	39	41	41
4	41	39	37	45	41
5	42	39	38	45	41
6	44	40	42	43	42
7	45	45	45	45	45
8	45	47	46	41	45
9	43	43	43	41	43
10	42	42	42	49	44
11	45	37	35	47	42
12	43	40	39	48	43
13	45	43	43	48	45
14	45	41	41	47	44
15	46	43	44	48	45
16	45	42	41	56	46
17	53	45	45	54	50
18	51	43	42	50	47
19	46	44	44	-	45
20	-	52	53	45	48
21	46	46	43	47	46
22	46	44	45	45	45
23	43	40	39	39	41
24	41	39	40	44	41
25	42	38	39	42	40
26	41	40	41	42	41
27	41	39	39	45	41
28	42	39	38	45	41
29	42	40	40	46	42
30	42	39	37	44	41
31	42	39	38	42	41

Note: No data is available during the following periods.

19th 2200 - 20th 0530

A superscript * stands for being superposed on a burst.

B. Solar Radio Emission
B2.Outstanding Occurrences at Hiraiso

Hiraiso

December 2002

Single-frequency observations								
Normal observing period: 2140 - 0725 U.T. (sunrise to sunset)								
DEC. 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	500	8 S	02390	02390	1.0	10	-	0
2	500	8 S	01550	01550	3.0	45	-	0
2	200	8 S	04580	04580	1.0	25	-	0
4	200	7 C	01440	01470	4.0	20	-	WR
4	500	8 S	04330	04330	1.0	25	-	0
4	200	8 S	04330	04340	1.0	15	-	0
4	2800	4 S/F	22440	22470	7.0	165	-	0
4	200	47 GB	22440	22500	7.0	510	-	WR
4	500	4 S/F	22450	22490	12.0	45	-	0
5	200	8 S	02130	02130	1.0	15	-	0
6	200	8 S	23390	23390	1.0	50	-	MR
10	200	8 S	01390	01400	1.0	40	-	0
10	200	8 S	06460	06460	1.0	10	-	0
12	200	8 S	01170	01170	1.0	15	-	0
12	200	8 S	04130	04130	1.0	15	-	0
12	200	8 S	21570	21570	1.0	60	-	0
13	200	8 S	01130	01130	1.0	35	-	0
15	200	8 S	01300	01300	1.0	15	-	0
15	200	8 S	23320	23320	1.0	40	-	0
16	200	8 S	23290	23300	2.0	25	-	0
17	200	8 S	00270	00280	1.0	85	-	WR
18	200	8 S	00310	00310	1.0	15	-	0
18	500	8 S	02240	02240	1.0	55	-	0
18	200	8 S	05300	05300	1.0	30	-	ML
19	200	8 S	02450	02450	1.0	20	-	0
19	200	8 S	03130	03140	1.0	10	-	0
19	200	8 S	04200	04200	1.0	190	-	0
21	500	8 S	00300	00300	1.0	20	-	0
21	500	8 S	03210	03220	1.0	20	-	0
21	200	8 S	03210	03220	1.0	20	-	0
22	200	8 S	01290	01290	1.0	50	-	0
22	200	8 S	01500	01500	1.0	45	-	0
22	500	7 C	02300	03140	76.0	100	-	WL
22	2800	7 C	02300	02450	48.0	250	-	MR
22	200	7 C	02420	03110	73.0	130	-	WL
23	200	8 S	00170	00170	1.0	10	-	0
23	200	8 S	06230	06230	1.0	15	-	WL
24	200	8 S	01260	01260	1.0	25	-	0
25	200	8 S	01560	01560	1.0	40	-	0
28	200	8 S	23270	23270	1.0	35	-	0
28	200	8 S	23310	23310	1.0	40	-	0
31	200	8 S	02240	02240	1.0	20	-	0

