

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

Hiraiso

October 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	35	34	31	-	33
2	-	-	-	-	-
3	-	32	33	37	35
4	34	32	32	37	34
5	35	34	35	39	36
6	37	35	34	34	35
7	35	32	33	38	35
8	37	36	36	36	36
9	37	35	36	39	37
10	37	35	37	41	37
11	39	37	37	42	39
12	39	37	37	41	38
13	39	37	38	43	39
14	39	39	38	39	39
15	39	38	36	41	39
16	38	37	36	46	40
17	41	39	40	41	41
18	39	38	38	37	38
19	37	36	37	38	37
20	40	40	39	41	40
21	41	39	38	44	41
22	39	37	36	46	40
23	40	37	36	39	38
24	42	39	38	44	41
25	39	40	40	40	40
26	40	38	39	41	40
27	37	37	39	40	38
28	38	38	40	43	40
29	40	39	38	44	40
30	40	34	34	45	40
31	40	37	37	41	39

Note: No data is available during the following periods.

1st 2100 - 3rd 0400

A superscript * stands for being superposed on a burst.

B. Solar Radio Emission
B2.Outstanding Occurrences at Hiraiso

Hiraiso

October 2002

Single-frequency observations								
Normal observing period: 2045 - 0800 U.T. (sunrise to sunset)								
OCT. 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	03220	03220	1.0	85	-	0
1	200	8 S	05000	05000	1.0	35	-	0
1	200	8 S	05250	05250	1.0	40	-	0
1	200	8 S	05500	05500	1.0	20	-	ML
4	200	8 S	01330	01330	1.0	145	-	0
4	500	8 S	01430	01430	1.0	20	-	0
4	500	7 C	04220	04260	6.0	55	-	0
4	200	7 C	22350	22420	8.0	290	-	0
4	500	7 C	22360	22390	9.0	170	-	0
4	500	7 C	23080	23100	2.0	45	-	0
5	200	8 S	01340	01340	1.0	80	-	0
6	200	8 S	00040	00040	1.0	110	-	
6	500	8 S	01210	01210	1.0	10	-	0
6	500	8 S	02110	02120	1.0	40	-	0
8	200	7 C	03230	03270	5.0	110	-	
8	500	7 C	03240	03270	4.0	15	-	0
8	200	8 S	04230	04230	1.0	60	-	
8	200	7 C	04320	04330	3.0	130	-	
8	200	7 C	04410	04420	3.0	300	-	
8	200	8 S	05340	05340	1.0	50	-	
8	200	8 S	06300	06300	1.0	110	-	
8	200	8 S	22590	22590	1.0	35	-	
9	200	8 S	22220	22220	1.0	25	-	
10	200	8 S	02470	02470	1.0	30	-	
10	500	7 C	22050	22050	6.0	40	-	0
10	200	7 C	22080	22090	4.0	70	-	
11	200	8 S	04570	04580	1.0	95	-	
13	2800	7 C	23490	00040	26.0	75	-	0
13	200	7 C	23520	23540	5.0	35	-	
14	500	7 C	02360	03170	53.0	35	-	0
14	500	7 C	04240	04280	4.0	15	-	0
14	200	7 C	02370	02540	38.0	30	-	
14	200	8 S	04230	04230	1.0	15	-	
14	500	7 C	06460	06500	12.0	200	-	0
14	200	8 S	06450	06460	1.0	60	-	
16	2800	4 S/F	03130	03140	3.0	30	-	0
16	500	8 S	03140	03140	1.0	70	-	0
19	200	7 C	01080	01090	3.0	45	-	
19	200	8 S	05240	05250	1.0	20	-	
20	2800	7 C	00390	00420	7.0	40	-	
20	500	7 C	00390	00400	10.0	20	-	
20	2800	7 C	03320	03330	5.0	30	-	
20	2800	7 C	05010	05140	14.0	40	-	
20	500	7 C	05050	05140	10.0	135	-	
20	500	8 S	06150	06150	1.0	45	-	
20	200	8 S	06110	06120	2.0	195	-	
21	500	8 S	00590	00590	1.0	20	-	

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						PEAK	MEAN	REMARKS
21	200	8 S	00450	00450	1.0	20	-	
21	200	8 S	02390	02400	1.0	90	-	
21	200	8 S	06130	06130	1.0	55	-	
21	200	8 S	06440	06450	1.0	30	-	
21	500	8 S	06130	06130	1.0	20	-	
22	500	8 S	03350	03350	1.0	60	-	0
22	200	8 S	02300	02310	1.0	160	-	0
22	200	8 S	03350	03350	1.0	60	-	0
22	200	8 S	23350	23360	1.0	30	-	0
23	200	8 S	04090	04100	1.0	80	-	WL
23	500	7 C	02260	02480	50.0	40	-	0
24	2800	8 S	00090	00090	1.0	35	-	0
24	500	8 S	00090	00100	2.0	25	-	WR
24	500	8 S	00530	00530	1.0	10	-	0
24	500	8 S	02260	02280	2.0	160	-	0
24	500	42 SER	03370	03570	20.0	35	-	0
24	500	8 S	22020	22020	1.0	100	-	0
24	500	8 S	22120	22120	1.0	25	-	0
24	200	8 S	22260	22270	2.0	50	-	WL
24	200	8 S	23410	23410	1.0	200	-	0
25	200	8 S	06440	06450	1.0	40	-	0
25	500	8 S	07020	07030	1.0	145	-	WL
26	2800	1 S	03270	03270	2.0	25	-	0
26	500	8 S	03270	03280	3.0	45	-	WR
26	200	8 S	03270	03270	2.0	100	-	WR
27	500	3 S	22510	23000	14.0	10	-	0
27	200	7 C	22520	22560	14.0	50	-	0
28	200	8 S	00340	00340	1.0	25	-	0
28	200	8 S	01150	01160	4.0	50	-	WR
28	200	8 S	01390	01390	1.0	20	-	0
28	200	8 S	02280	02280	1.0	20	-	0
28	200	7 C	05160	05190	8.0	20	-	0
28	500	8 S	01420	01420	1.0	25	-	0
28	500	8 S	02280	02310	3.0	20	-	0
28	500	8 S	05250	05250	1.0	15	-	0
28	200	8 S	22250	22250	1.0	25	-	0
29	200	8 S	01320	01320	1.0	25	-	WR
29	200	42 SER	03050	03310	29.0	25	-	0
29	200	8 S	04220	04230	2.0	80	-	0
29	200	8 S	05190	05190	1.0	20	-	0
29	200	8 S	05510	05510	1.0	20	-	0
29	2800	3 S	03000	03110	21.0	60	-	0
29	500	4 S/F	03070	03150	8.0	10	-	0
29	500	8 S	23450	23450	1.0	10	-	0
29	200	8 S	23560	23560	1.0	15	-	0
30	200	8 S	06370	06380	3.0	25	-	WL
30	200	7 C	22340	22360	5.0	145	-	0

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31	200	8 S	05080	05080	1.0	10	-	0
31	500	42 SER	23020	23070	9.0	50	-	0

