

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

Hiraiso

September 2001

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	51	39	41	42	43
2	39	39	39	39	39
3	38	38	38	40	38
4	43	39	41	44	42
5	41	40	40	39	40
6	40	40	40	43	41
7	41	40	39	-	40
8	41	40	39	40	40
9	40	40	38	36	38
10	37	36	37	38	37
11	40	36	33	43	39
12	39	37	37	38	38
13	37	38	39	38	38
14	37	37	38	47	40
15	46	37	37	38	40
16	38	36	37	41	38
17	39	36	37	41	38
18	39	37	37	40	38
19	39	38	40	40	39
20	41	41	41	42	41
21	44	42	45	46	44
22	45	44	43	51	46
23	46	43	41	49	45
24	43	43	42	47	44
25	43	43	44	44	43
26	42	42	42	49	44
27	51	48	49	43	47
28	46	45	43	53	47
29	51	46	45	45	47
30	43	44	44	44	43
31					

Note: No data is available during the following periods.
 7th 2030 - 8th 0100

B. Solar Radio Emission
B2.Outstanding Occurrences at Hiraiso

Hiraiso

September 2001

Single-frequency observations								
Normal observing period: 2020 - 0845 U.T. (sunrise to sunset)								
SEP. 2001	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	2133.0	2133.0	1.0	10	-	0
1	2800	8 S	2310.0	2310.0	1.0	40	-	WL
1	2800	4 S/F	2314.0	2315.0	2.0	85	-	ML
2	2800	3 S	0310.0	0313.0	5.0	55	-	0
2	2800	1 S	0405.0	0406.0	2.0	30	-	0
2	500	1 S	0405.0	0406.0	2.0	10	-	0
2	500	1 S	0416.0	0418.0	4.0	15	-	0
3	2800	3 S	0151.0	0152.0	3.0	55	-	0
4	2800	3 S	2154.0	2156.0	6.0	285	-	0
4	500	3 S	2155.0	2156.0	5.0	65	-	0
5	2800	8 S	0233.0	0234.0	1.0	25	-	0
5	500	8 S	0630.0	0630.0	1.0	20	-	0
5	2800	3 S	2223.0	2228.0	11.0	40	-	0
6	500	7 C	0339.0	0345.0	6.0	110	-	WR
6	2800	3 S	0343.0	0344.0	6.0	300	-	0
6	2800	8 S	0727.0	0728.0	2.0	70	-	WR
6	500	8 S	0728.0	0728.0	1.0	50	-	0
6	500	8 S	2053.0	2053.0	1.0	25	-	0
6	2800	8 S	2055.0	2055.0	1.0	40	-	0
6	500	8 S	2055.0	2055.0	1.0	225	-	0
6	2800	1 S	2153.0	2154.0	2.0	20	-	0
6	500	8 S	2153.0	2154.0	1.0	90	-	0
7	2800	7 S	0102.0	0113.0	16.0	45	-	0
8	500	7 C	0703.0	0707.0	5.0	120	-	WR
8	2800	8 S	0707.0	0707.0	1.0	130	-	SL
8	500	8 S	2115.0	2115.0	1.0	20	-	0
8	500	8 S	2224.0	2224.0	1.0	60	-	WR
8	500	47 GB	2347.0	2350.0	9.0	505	-	MR
8	2800	3 S	2348.0	2350.0	4.0	45	-	0
9	2800	3 S	0231.0	0239.0	11.0	65	-	0
9	2800	7 C	0649.0	0650.0	7.0	20	-	0
9	500	7 C	0649.0	0650.0	4.0	110	-	0
9	500	4 S/F	0800.0	0802.0	8.0	450	-	0
9	2800	3 S	0801.0	0802.0	5.0	80	-	0
9	2800	8 S	2043.0	2045.0	3.0	100	-	WR
9	500	8 S	2206.0	2206.0	1.0	10	-	0
9	500	8 S	2231.0	2231.0	1.0	20	-	WR
10	2800	7 C	0513.0	0514.0	4.0	115	-	0
10	2800	3 S	0541.0	0542.0	3.0	55	-	0
10	500	8 S	0546.0	0546.0	1.0	15	-	0
10	500	8 S	2245.0	2245.0	1.0	45	-	0
11	2800	1 S	0052.0	0053.0	3.0	35	-	0
11	2800	3 S	0104.0	0104.0	6.0	85	-	0
11	500	8 S	2234.0	2234.0	1.0	40	-	0
12	500	7 C	2136.0	2140.0	9.0	185	-	0
14	2800	4 S/F	0552.0	0555.0	7.0	80	-	0
14	2800	47 GB	2143.0	2146.0	13.0	1530	-	WR

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B2.Outstanding Occurrences at Hiraiso

Hiraiso

September 2001

Single-frequency observations								
Normal observing period: 2020 - 0845 U.T. (sunrise to sunset)								
SEP.	FREQ.	TYPE	START TIME	TIME OF MAXIMUM	DUR.	FLUX DENSITY		POLARIZATION
						($10^{-22} \text{ W m}^{-2} \text{ Hz}^{-1}$)		
2001	(MHz)		(U.T.)	(U.T.)	(MIN.)	PEAK	MEAN	REMARKS
14	500	4 S/F	2143.0	2147.0	12.0	35	-	0
16	500	8 S	0309.0	0310.0	1.0	20	-	0
16	500	4 S/F	0311.0	0313.0	4.0	10	-	0
16	2800	3 S	0348.0	0350.0	4.0	35	-	0
16	2800	3 S	0740.0	0744.0	8.0	145	-	0
16	500	4 S/F	0741.0	0745.0	9.0	80	-	WL
17	2800	1 S	0451.0	0451.0	9.0	20	-	0
17	2800	1 S	0613.0	0613.0	2.0	35	-	0
17	2800	1 S	0648.0	0649.0	3.0	35	-	0
17	2800	8 S	0820.0	0822.0	2.0	125	-	0
17	500	7 C	0820.0	0825.0	5.0	95	-	0
17	2800	8 S	2104.0	2105.0	2.0	160	-	0
17	500	4 S/F	2104.0	2105.0	8.0	20	-	0
18	2800	8 S	0006.0	0006.0	4.0	240	-	WR
18	500	8 S	0015.0	0015.0	1.0	15	-	0
18	500	8 S	0134.0	0134.0	1.0	10	-	0
18	500	8 S	0356.0	0356.0	1.0	50	-	0
18	2800	42 SER	0428.0	0440.0	15.0	65	-	0
18	500	4 S/F	0428.0	0429.0	3.0	15	-	0
18	500	4 S/F	0438.0	0444.0	4.0	85	-	0
19	500	8 S	0811.0	0811.0	1.0	80	-	0
20	500	8 S	0333.0	0334.0	2.0	35	-	WR
20	2800	8 S	0506.0	0507.0	1.0	50	-	0
20	500	8 S	0556.0	0556.0	1.0	10	-	0
20	500	8 S	0721.0	0722.0	2.0	25	-	WR
20	500	7 C	2344.0	2347.0	7.0	25	-	0
21	500	8 S	0726.0	0726.0	1.0	15	-	0
23	2800	8 S	0104.0	0104.0	1.0	60	-	WL
23	500	8 S	0104.0	0104.0	1.0	165	-	0
23	500	8 S	0410.0	0411.0	1.0	140	-	0
23	500	8 S	2213.0	2213.0	1.0	10	-	0
24	500	7 C	2204.0	2209.0	9.0	120	-	ML
24	500	7 C	2316.0	2318.0	5.0	265	-	WL
25	2800	3 S	0149.0	0151.0	8.0	65	-	0
25	500	7 C	0149.0	0153.0	9.0	305	-	SL
25	500	8 S	0237.0	0237.0	1.0	385	-	0
25	2800	42 SER	0433.0	0435.0	43.0	200	-	0
25	500	4 S/F	0433.0	0434.0	25.0	120	-	ML
26	2800	7 C	0254.0	0256.0	12.0	85	-	0
26	500	7 C	0254.0	0256.0	8.0	145	-	WL
26	500	8 S	0349.0	0349.0	1.0	30	-	ML
27	2800	3 S	0422.0	0425.0	7.0	55	-	0
28	2800	3 S	0201.0	0203.0	4.0	45	-	0
30	2800	7 C	0340.0	0346.0	12.0	65	-	0

