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

Hiraiso July 2004

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

Note: No data is available during the following periods.
24th 1935 - 26th 0045

A superscript * denotes to be superposed on a burst.

B. Solar Radio Emission

B2.Outstanding Occurrences at Hiraiso

Hiraiso July 2004

Single-frequency observations

Normal observing period: 1925 - 1000 U.T. (sunrise to sunset)

JUL.	FREQ.	TYPE	START TIME	TIME OF MAXIMUM	DUR.	FLUX DENSITY (10^{-22} W m^{-2} Hz^{-1})		POLARIZATION
2004	(MHz)		(U.T.)	(U.T.)	(MIN.)	PEAK	MEAN	REMARKS
7	500	8 S	0802.0	0802.0	1.0	5	-	0
7	500	8 S	0848.0	0848.0	1.0	5	-	0
11	2800	7 C	0737.0	0739.0	6.0	45	-	0
12	2800	1 S	0101.0	0103.0	4.0	10	-	0
12	2800	7 C	0741.0	0756.0	24.0	45	-	0
13	2800	7 C	0013.0	0015.0	21.0	335	-	0
13	500	7 C	0014.0	0017.0	21.0	95	-	0
13	2800	1 S	0527.0	0529.0	6.0	10	-	0
13	2800	7 C	0844.0	0848.0	6.0	70	-	0
13	500	7 C	0846.0	0852.0	19.0	25	-	0
13	500	47 GB	0934.0	0943.0	/////	510	-	WR
14	500	42 SER	0441.0	0603.0	151.0	10	-	WR
14	2800	7 C	0518.0	0518.0	6.0	85	-	0
14	500	8 S	2355.0	2355.0	1.0	10	-	0
15	2800	7 C	0133.0	0139.0	18.0	310	-	0
15	500	8 S	0244.0	0246.0	3.0	45	-	WL
16	2800	8 S	0202.0	0204.0	5.0	425	-	0
16	500	8 S	2100.0	2100.0	1.0	25	-	
16	500	8 S	2112.0	2112.0	1.0	20	-	
16	2800	1 S	2113.0	2113.0	1.0	20	-	
17	2800	1 S	0345.0	0347.0	5.0	50	-	
17	500	7 C	0346.0	0347.0	6.0	30	-	
17	500	8 S	0735.0	0737.0	2.0	100	-	
17	2800	47 GB	0755.0	0757.0	7.0	560	-	
17	500	8 S	0823.0	0823.0	1.0	15	-	
17	500	8 S	2109.0	2109.0	1.0	25	-	
17	2800	7 C	2126.0	2129.0	4.0	40	-	
17	500	8 S	2129.0	2129.0	1.0	10	-	
17	500	8 S	2359.0	2359.0	1.0	10	-	
18	2800	1 S	0009.0	0010.0	2.0	15	-	
18	2800	8 S	0254.0	0254.0	1.0	40	-	
18	500	8 S	0319.0	0319.0	2.0	10	-	
18	500	8 S	2204.0	2204.0	1.0	15	-	
19	2800	8 S	0652.0	0653.0	3.0	45	-	
19	500	47 GB	0652.0	0652.0	2.0	525	-	
19	2800	8 S	2057.0	2057.0	1.0	40	-	
19	2800	7 C	2137.0	2138.0	3.0	55	-	
19	500	7 C	2137.0	2138.0	2.0	15	-	
19	500	8 S	2150.0	2150.0	1.0	50	-	
20	500	8 S	0057.0	0059.0	3.0	80	-	
20	2800	7 C	0058.0	0059.0	2.0	100	-	
20	500	7 C	0204.0	0206.0	3.0	20	-	
20	500	42 SER	0409.0	0450.0	92.0	45	-	
20	2800	7 C	0646.0	0646.0	8.0	15	-	
20	500	7 C	0646.0	0646.0	11.0	180	-	
20	2800	7 C	2108.0	2114.0	14.0	30	-	0
20	500	7 C	2109.0	2118.0	17.0	30	-	0

B. Solar Radio Emission

B2.Outstanding Occurrences at Hiraiso

Hiraiso July 2004

Single-frequency observations

Normal observing period: 1925 - 1000 U.T. (sunrise to sunset)

JUL.	FREQ.	TYPE	START TIME	TIME OF MAXIMUM	DUR.	FLUX DENSITY (10^{-22} W m^{-2} Hz^{-1})		POLARIZATION
2004	(MHz)		(U.T.)	(U.T.)	(MIN.)	PEAK	MEAN	REMARKS
20	500	7 C	2251.0	2253.0	11.0	25	-	0
21	500	7 C	0018.0	0035.0	17.0	20	-	0
21	2800	1 S	0032.0	0033.0	3.0	35	-	0
21	500	7 C	0137.0	0142.0	7.0	20	-	0
21	500	7 C	0452.0	0454.0	4.0	20	-	0
21	500	7 C	0505.0	0516.0	15.0	95	-	WL
21	2800	4 S/F	0510.0	0516.0	11.0	240	-	0
21	2800	1 S	0758.0	0759.0	4.0	20	-	0
21	500	8 S	2115.0	2115.0	1.0	50	-	0
21	500	8 S	2321.0	2322.0	2.0	20	-	0
21	2800	3 S	2353.0	2355.0	8.0	35	-	0
22	500	42 SER	0015.0	0016.0	21.0	100	-	0
22	2800	4 S/F	0016.0	0028.0	19.0	290	-	0
22	2800	3 S	0109.0	0111.0	6.0	65	-	0
22	500	7 C	0109.0	0110.0	3.0	35	-	WL
22	500	8 S	0122.0	0122.0	1.0	35	-	WL
22	500	8 S	0131.0	0131.0	1.0	85	-	WL
22	2800	8 S	0207.0	0207.0	1.0	40	-	0
22	2800	4 S/F	0212.0	0216.0	8.0	90	-	0
22	500	4 S/F	0215.0	0216.0	2.0	15	-	0
22	2800	1 S	0253.0	0253.0	1.0	15	-	0
22	500	8 S	0332.0	0332.0	1.0	25	-	0
22	2800	1 S	0358.0	0358.0	1.0	20	-	0
22	2800	3 S	0743.0	0745.0	5.0	55	-	0
22	500	47 GB	0745.0	0745.0	2.0	730	-	WR
22	2800	3 S	0755.0	0756.0	4.0	80	-	0
22	500	8 S	0827.0	0827.0	1.0	20	-	0
22	500	8 S	0910.0	0910.0	1.0	70	-	0
22	2800	23 GRF	2240.0	2243.0	43.0	55	-	0
22	500	7 C	2251.0	2253.0	32.0	120	-	0
23	500	8 S	0046.0	0046.0	1.0	15	-	0
23	2800	3 S	0642.0	0644.0	7.0	70	-	0
23	500	8 S	0644.0	0644.0	10.0	120	-	0
23	2800	7 C	0718.0	0732.0	18.0	100	-	0
23	2800	4 S/F	2117.0	2120.0	13.0	40	-	0
23	500	7 C	2117.0	2121.0	8.0	35	-	0
24	2800	3 S	0216.0	0216.0	2.0	45	-	0
24	500	8 S	0411.0	0412.0	2.0	190	-	0
24	2800	3 S	0604.0	0605.0	7.0	180	-	0
24	500	7 C	0604.0	0605.0	11.0	200	-	0
24	2800	42 SER	0802.0	0815.0	17.0	40	-	0
24	500	42 SER	0803.0	0806.0	14.0	115	-	0
24	2800	8 S	2137.0	2137.0	1.0	30	-	0
24	2800	4 S/F	2312.0	2314.0	10.0	60	-	0
25	2800	7 C	0028.0	0029.0	23.0	300	-	0
25	2800	47 GB	0544.0	0549.0	15.0	630	-	0
25	2800	40 F	0632.0	0713.0	44.0	25	-	0

B. Solar Radio Emission

B2.Outstanding Occurrences at Hiraiso

Hiraiso July 2004

Single-frequency observations

Normal observing period: 1925 - 1000 U.T. (sunrise to sunset)

JUL.	FREQ.	TYPE	START TIME	TIME OF MAXIMUM	DUR.	FLUX DENSITY (10^{-22} W m^{-2} Hz^{-1})		POLARIZATION
2004	(MHz)		(U.T.)	(U.T.)	(MIN.)	PEAK	MEAN	REMARKS
26	2800	1 S	0239.0	0241.0	3.0	10	-	0
26	500	8 S	0438.0	0439.0	3.0	30	-	0
26	2800	7 C	0539.0	0551.0	15.0	65	-	0
26	2800	3 S	2354.0	2356.0	14.0	160	-	WL
27	2800	3 S	0544.0	0545.0	7.0	95	-	0
27	500	4 S/F	0545.0	0545.0	8.0	25	-	0
27	500	8 S	2229.0	2229.0	1.0	20	-	0
27	500	8 S	2233.0	2233.0	1.0	10	-	0
28	2800	1 S	0259.0	0259.0	2.0	10	-	0
28	500	8 S	0259.0	0259.0	1.0	60	-	0
28	500	7 C	0332.0	0439.0	170.0	100	-	MR
28	2800	4 S/F	0805.0	0806.0	7.0	20	-	0
28	500	8 S	0805.0	0805.0	1.0	40	-	0
28	2800	3 S	2348.0	2358.0	14.0	45	-	0
29	2800	8 S	2353.0	2365.0	7.0	85	-	0
30	2800	1 S	0730.0	0730.0	3.0	15	-	0
31	500	1 S	0010.0	0010.0	1.0	10	-	0
31	2800	4 S/F	0047.0	0051.0	12.0	155	-	0