

**RESULTS OF OBSERVATIONS OF THE SUN AND INNER  
PLANETS MADE AT THE BELGRADE OBSERVATORY \***

**M. Dačić, S. Sadžakov and Z. Cvetković**

*Astronomical Observatory, Volgina 7, 11050 Belgrade, Yugoslavia*

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\* By a technical error tables have been omitted. We apologize to authors.

**Table 3.** Data on the Sun observations

Date	Observ.	$t^{\circ}\text{C}$	Ba	n	R.A.	$(O - C)_{\alpha}$	DEC	$(O - C)_{\delta}$	$E_p$	Clamp
1991.									1990+	
04.01.	1,2,3	8.3	742.7	5	18 58 56.666	.002	-22 45 09.45	.29	1.01	E
18.02.	2,3	2.1	740.0	3	22 05 36.533	-.033	-11 43 37.37	-.03	1.13	E
20.02.	2,3	5.0	743.4	3	22 13 18.663	-.011	-11 00 58.09	-.26	1.14	E
22.03.	1,2	20.0	738.0	1	0 04 49.008	-.010	0 31 13.76	-.06	1.22	W
03.04.	1,2,3	11.6	738.4	5	0 48 29.732	.028	5 12 06.36	.38	1.26	W
05.04.	2,3	16.5	735.7	3	0 55 47.621	-.027	5 57 54.85	-	1.26	W
12.04.	2,3,4	13.9	746.4	1	1 21 27.255	.025	8 34 44.30	-.18	1.28	W
26.04.	3,4	12.4	741.9	3	2 13 35.886	-.007	13 25 23.20	.10	1.32	W
12.06.	1,2,4	20.8	745.9	2	5 20 43.826	-.009	23 08 00.60	-.09	1.45	E
13.06.	2,4	22.2	743.6	3	5 24 52.933	-.022	23 11 41.74	.12	1.45	E
14.06.	2,3,4	24.8	740.6	3	5 29 02.200	-.035	23 14 58.32	.25	1.45	E
17.06.	2,3,4	29.2	739.5	5	5 41 30.656	-.019	23 22 20.10	.45	1.46	E
18.06.	2,4	28.1	739.0	2	5 45 40.274	.021	23 23 57.86	.28	1.46	E
24.06.	2	25.1	740.8	2	6 10 37.822	-.041	23 25 03.84	.50	1.48	E
26.06.	2	24.1	744.7	3	6 18 56.437	.049	23 22 07.91	-.36	1.48	E
27.06.	2	27.1	740.1	4	6 23 05.543	-.011	23 20 02.98	-.19	1.49	E
09.07.	3,4	25.6	744.1	3	7 12 36.706	.002	22 23 29.16	.16	1.52	W
17.07.	3,4	25.1	742.7	3	7 45 07.865	-.028	21 14 36.31	-.37	1.54	W
19.07.	3,4	22.3	742.8	3	7 53 10.504	.039	20 53 43.14	-.50	1.55	W
23.07.	1,2,4	24.2	744.7	2	8 09 08.966	-.027	20 07 45.79	.07	1.56	W
24.07.	2,4	25.7	742.4	4	8 13 07.120	-.020	19 55 25.59	.07	1.56	E
31.07.	1,2,3	24.7	740.5	6	8 40 37.435	-.003	18 20 02.15	.43	1.58	E
08.08.	1,2,4	26.5	743.1	5	9 11 27.986	-.018	16 13 03.15	.07	1.60	E
09.08.	2,4	27.1	743.6	8	9 15 16.683	.006	15 55 56.94	.11	1.61	E
14.08.	2,4	25.0	744.5	8	9 34 11.457	.010	14 26 42.54	.05	1.62	E
23.08.	2,4	23.1	747.4	6	10 07 39.806	-.015	11 32 08.34	-.34	1.64	E
28.08.	1,2	17.5	746.1	4	10 25 59.207	-.019	9 48 33.62	-	1.66	E
03.09.	2,4	21.7	750.8	4	10 47 46.901	-.002	7 39 08.10	.45	1.67	E
04.09.	1,2,4	21.7	749.8	4	10 51 23.878	-.007	7 17 05.56	-.17	1.68	E
05.09.	2,4	22.0	746.2	4	10 55 00.616	.008	6 54 55.84	.01	1.68	E
09.09.	2,4	17.9	748.4	4	11 09 25.473	-.061	5 25 12.27	.15	1.69	W
10.09.	2,4	19.0	748.7	5	11 13 01.239	.032	5 02 31.96	.05	1.69	W
11.09.	1,2,4	20.7	746.7	5	11 16 36.859	-.010	4 39 46.56	.26	1.70	W
13.09.	2,4	24.7	745.7	4	11 23 47.726	-.026	3 54 01.92	-.03	1.70	E
19.09.	1,2,3	17.4	744.3	2	11 45 18.642	-.007	1 35 21.43	-.28	1.72	E
20.09.	2,3	20.2	743.2	3	11 48 53.751	-.048	1 12 05.53	-.16	1.72	E
24.09.	2,3	17.7	745.5	2	12 03 14.861	-.028	-0 21 12.54	.25	1.73	E
04.10.	2,3	14.4	750.3	2	12 39 20.829	.018	-4 14 18.05	-.26	1.76	E
07.10.	2,3	20.0	743.5	1	12 50 16.669	-.006	-5 23 32.60	.00	1.77	E
11.10.	2	18.6	745.4	3	13 04 56.922	.037	-6 54 52.57	-.59	1.78	E
15.10.	2,3	21.5	741.8	2	13 19 44.684	.021	-8 24 42.11	-.18	1.79	W
28.10.	2,3	5.6	748.3	3	14 08 55.429	-.019	-13 01 21.35	.48	1.82	W
29.10.	3	4.9	749.9	2	14 12 47.335	-.011	-13 21 24.50	.39	1.83	W

## RESULTS OF OBSERVATIONS OF THE SUN AND INNER PLANETS MADE AT THE ...

Table 3. (continued)

Date	Observ.	$t^{\circ}\text{C}$	Ba	n	R.A.	$(O - C)_{\alpha}$	DEC	$(O - C)_{\delta}$	$E_p$	Clamp
30.10.	3	4.5	749.7	2	14 16 40.024	-.024	-13 41 15.15	-.39	1.83	W
01.11.	3	5.8	754.3	3	14 24 27.796	-.032	-14 20 17.30	-.43	1.84	W
19.11.	1,2,3	8.9	740.0	4	15 37 07.173	-.016	-19 23 42.13	.07	1.89	W
22.11.	2,3	12.2	741.6	2	15 49 39.792	.033	-20 04 16.64	.22	1.89	W
02.12.	2,3	6.3	752.5	2	16 32 18.986	.023	-21 54 50.92	.17	1.92	W
03.12.	1,2,3	4.3	751.4	2	16 36 38.809	-.026	-22 03 40.49	-.02	1.93	W
11.12.	2,3	-4.6	759.1	3	17 11 37.366	.003	-22 58 37.58	.10	1.95	W
16.12.	2,3	1.3	750.4	4	17 33 42.234	.002	-23 18 18.66	.57	1.96	W

Table 4. Data on the Mercury observations

Date	Observ.	$t^{\circ}\text{C}$	Ba	n	R.A.	$(O - C)_{\alpha}$	DEC	$(O - C)_{\delta}$	$E_p$	Clamp
1991.										1990+
14.06.	3,4	24.5	740.6	3	5 13 56.274	.005	23 34 47.37	-.06	1.45	E
11.09.	1,2	20.0	746.7	5	10 13 08.884	.016	12 00 52.09	.17	1.70	W
20.09.	2	19.8	743.2	3	11 10 28.482	-.008	7 17 07.37	.39	1.72	E
24.09.	2	17.4	745.5	2	11 37 43.529	-.019	4 23 16.73	-.15	1.73	E

Table 5. Data on the Venus observations

Date	Observ.	$t^{\circ}\text{C}$	Ba	n	R.A.	$(O - C)_{\alpha}$	DEC	$(O - C)_{\delta}$	$E_p$	Clamp
1991.										1990+
04.01.	2	9.5	742.7	5	20 06 11.217	.018	-21 40 27.83	-.15	1.01	E
18.02.	3	3.3	740.0	3	23 44 23.554	-.037	-2 58 26.12	.19	1.13	E
20.02.	3	6.4	743.4	3	23 53 22.495	-.007	-1 56 05.99	-.06	1.14	E
22.03.	2	22.8	738.0	1	2 08 11.761	-.011	13 11 15.27	-.12	1.22	W
03.04.	2	13.2	738.4	5	3 04 18.849	.026	18 14 49.30	-.33	1.26	W
05.04.	2	16.7	735.7	3	3 13 51.996	.016	18 59 39.38	-.04	1.26	W
12.04.	3	14.8	746.4	1	3 47 45.674	-.019	21 21 09.11	-.13	1.28	W
26.04.	3	13.1	741.9	3	4 57 18.761	-.009	24 41 04.41	-.04	1.32	W
12.06.	2	21.0	745.9	2	8 37 42.951	.040	20 48 30.05	.50	1.45	E
13.06.	2	22.9	743.6	3	8 41 38.586	.024	20 30 54.76	.42	1.45	E
14.06.	3	24.4	740.6	3	8 45 31.385	-.022	20 12 58.78	-.06	1.45	E
17.06.	3	29.8	739.5	5	8 56 52.161	-.034	19 17 15.53	-.20	1.46	E
19.06.	2	23.2	740.0	2	9 04 10.733	.020	18 38 39.67	.19	1.47	E
24.06.	2	25.8	740.8	2	9 21 30.199	.019	16 57 59.22	-.43	1.48	E
26.06.	2	25.1	744.7	3	9 28 01.868	.005	16 16 22.52	.20	1.48	E

Table 5. (continued)

Date	Observ.	$t^{\circ}\text{C}$	Ba	n	R.A.	$(O - C)_{\alpha}$	DEC	$(O - C)_{\delta}$	$E_p$	Clamp
27.06.	3	27.6	740.1	4	9 31 12.263	.037	15 55 20.74	.11	1.49	E
09.07.	3	26.5	744.1	3	10 04 02.494	.034	11 37 51.79	.34	1.52	W
17.07.	3	25.9	742.7	3	10 19 33.015	.042	8 51 32.48	-.20	1.54	W
19.07.	3	22.9	742.8	3	10 22 27.023	.010	8 12 17.62	-.31	1.55	W
23.07.	2	24.9	744.7	2	10 26 54.460	.012	6 58 08.44	-.49	1.56	W
24.07.	2	26.9	742.4	4	10 27 43.418	-.018	6 40 41.09	.14	1.56	E
31.07.	2	25.7	740.5	6	10 29 45.684	-.033	4 54 18.85	.26	1.58	E
08.08.	2	27.0	743.1	5	10 23 38.328	.013	3 37 48.60	-.33	1.60	E
09.08.	2	27.3	743.6	8	10 22 14.427	-.009	3 32 26.06	-.15	1.61	E
14.08.	2	25.4	744.5	8	10 13 23.417	.021	3 21 14.79	.20	1.62	E
23.08.	2	23.0	747.4	6	9 52 33.528	-.011	4 05 45.32	-.20	1.64	E
03.09.	2	20.4	750.8	4	9 30 38.874	.021	6 10 51.96	.08	1.67	E
04.09.	2	21.0	749.8	4	9 29 21.841	-.007	6 23 06.27	-.41	1.68	E
05.09.	2	21.1	746.2	4	9 28 13.818	.054	6 35 11.51	-.17	1.68	E
09.09.	2	16.1	748.4	4	9 25 15.109	-.030	7 20 59.52	-.45	1.69	W
10.09.	2	16.5	748.7	5	9 24 54.133	.015	7 31 34.87	.17	1.69	W
11.09.	1,2	18.6	746.7	5	9 24 42.626	-.009	7 41 44.99	-.10	1.70	W
13.09.	2	23.3	745.7	4	9 24 47.695	.018	8 00 42.11	-.28	1.70	E
19.09.	2	14.8	744.3	2	9 28 37.199	.045	8 44 45.65	.37	1.72	E
20.09.	2	18.0	743.2	3	9 29 44.700	.036	8 50 03.23	.04	1.72	E
24.09.	2	16.0	745.5	2	9 35 30.033	.027	9 04 58.06	-.58	1.73	E
04.10.	2	11.1	750.3	2	9 57 17.287	-.031	8 57 21.08	.08	1.76	E
15.10.	2	19.1	741.8	2	10 29 55.705	-.044	7 38 01.10	.41	1.79	W
17.10.	2	16.9	740.9	2	10 36 32.660	-.031	7 16 15.93	.29	1.79	W
29.10.	3	2.3	749.9	2	11 19 17.233	.037	4 24 15.68	.11	1.83	W
19.11.	2	5.8	740.0	4	12 42 16.734	.011	-2 43 10.12	.21	1.89	W
22.11.	2	11.5	741.6	2	12 54 44.910	.000	-3 52 05.32	-.20	1.89	W
13.12.	2	-2.9	758.6	2	14 26 20.661	.041	-12 00 14.89	.40	1.95	W
16.12.	2	-0.1	750.4	4	14 40 05.565	-.020	-13 06 18.79	.32	1.96	W

Table 6. Data on the Mars observations

Date	Observ.	$t^{\circ}\text{C}$	Ba	n	R.A.	$(O - C)_{\alpha}$	DEC	$(O - C)_{\delta}$	$E_p$	Clamp
1991.									1990+	
03.04.	3	11.9	738.4	5	6 01 28.280	.039	25 21 11.71	-.16	1.26	W
17.06.	3	29.7	739.5	5	9 03 40.911	.033	18 10 07.82	-.18	1.46	E