

	M. Zt. Wien.	Sch. AR.		Log. F. P.	Sch. Decl.		Log. F. P.
1852 Mai 21	11 ^h 4 ^m 59 ^s 3	22 ^h 15 ^m 47 ^s 62	+0° 0243 Δδ	9,462n	+81° 38' 18" 3	—0° 025 Δα	9,494
— 22	10 9 47,9	22 4 4,80	—0,0040 Δδ	9,577n	+84 4 50,4	+0,003 Δα	9,578

Δα und Δδ bedeuten die tägliche Bewegung des ☿ in AR. und Decl. in Bogenminuten ausgedrückt.

Wien 1852, October 26.

v. Littrow.

Ephemeris of Hygiea near Opposition in 1852.
Computed from the Elements given in the Berlin Jahrbuch for 1854.

Greenw. M. T.	App. AR.	App. N. P. D.	Log. Δ	Greenw. M. T.	App. R. A.	App. N. P. D.	Log. Δ
1852 Oct. 21,0	4 ^h 49 ^m 30 ^s	64° 2' 20"	0,4301	1852 Nov. 26,0	4 ^h 25 ^m 36 ^s	64° 51' 2"	0,3917
22,0	49 9	2 38	4284	27,0	24 44	53 30	3915
23,0	48 46	2 59	4267	28,0	23 52	56 1	3914
24,0	48 22	3 23	4250	29,0	23 0	64 58 35	3913
25,0	47 57	3 51	4234	30,0	22 7	65 1 11	3913
26,0	47 31	4 22	4218	Dec. 1,0	21 15	3 50	3914
27,0	47 4	4 55	4203	2,0	20 23	6 31	3915
28,0	46 35	5 32	4187	3,0	19 31	9 14	3916
29,0	46 5	6 13	4172	4,0	18 40	12 0	3917
30,0	45 34	6 58	4157	5,0	17 49	14 49	3919
31,0	45 1	7 48	4143	6,0	16 58	17 39	3921
Nov. 1,0	44 27	8 41	4129	7,0	16 8	20 30	3924
2,0	43 52	9 38	4115	8,0	15 18	23 22	3928
3,0	43 16	10 38	4102	9,0	14 28	26 16	3933
4,0	42 39	11 42	4089	10,0	13 39	29 11	3939
5,0	42 1	12 47	4076	11,0	12 50	32 7	3945
6,0	41 22	13 57	4064	12,0	12 2	35 4	3951
7,0	40 42	15 12	4052	13,0	11 15	38 1	3957
8,0	40 1	16 31	4041	14,0	10 29	40 59	3964
9,0	39 19	17 54	4030	15,0	9 43	43 57	3972
10,0	38 35	19 22	4019	16,0	8 58	46 54	3980
11,0	37 51	20 53	4009	17,0	8 14	49 51	3988
12,0	37 6	22 28	4000	18,0	7 31	52 48	3997
13,0	36 20	24 7	3991	19,0	6 49	55 45	4006
14,0	35 34	25 49	3982	20,0	6 6	65 58 42	4017
15,0	34 45	27 34	3974	21,0	5 25	66 1 38	4027
16,0	33 59	29 23	3966	22,0	4 45	4 32	4038
17,0	33 10	31 16	3959	23,0	4 8	7 24	4049
18,0	32 21	33 14	3952	24,0	3 31	10 15	4061
19,0	31 32	35 16	3946	25,0	2 54	13 4	4073
20,0	30 43	37 22	3940	26,0	2 18	15 51	4085
21,0	29 52	39 30	3935	27,0	1 43	18 36	4098
22,0	29 1	41 41	3931	28,0	1 10	21 19	4111
23,0	28 10	43 56	3926	29,0	0 39	24 0	4125
24,0	27 19	46 15	3923	30,0	4 0 10	26 40	4140
25,0	4 26 27	64 48 37	0,3920	31,0	3 59 42	66 29 18	0,4154

By observations of the Planet at Durham Oct. 23, 24, the error of the ephemeris, (Calculated—Observed) was,

	R. A.	N. P. D.
Oct. 23	—29° 9	+17"
24	—29,8	+20

The Planet shines as a star not greater than the 10th magnitude. —

Observatory, Durham, Oct. 23, 1852.

Temple Chevallier.