

MERKURY

M d 2022	Wsch.	Kulm.	Zach.	A	α	δ	D	F	V	ΔI
	$\lambda=0$		$\varphi=50$		0^hUT					
	h m	h m	h m	°	h m	° ' "	"		m	°
I 0	9 13	13 19	17 26	54	19 56.7	- 22 41	5.8	0.80	-0.7	17
4	9 10	13 26	17 43	57	20 19.6	- 21 05	6.3	0.70	-0.7	19
8	9 01	13 28	17 55	60	20 37.8	- 19 19	6.9	0.57	-0.5	19
12	8 46	13 21	17 57	63	20 48.6	- 17 37	7.8	0.39	-0.1	18
16	8 23	13 04	17 45	65	20 48.7	- 16 23	8.8	0.20	1.0	14
20	7 52	12 35	17 17	65	20 36.7	- 15 56	9.7	0.05	3.0	8
24	7 18	11 59	16 39	65	20 16.6	- 16 16	10.2	0.01	4.5	4
28	6 48	11 24	16 00	63	19 57.2	- 17 05	10.0	0.07	2.6	-11
II 1	6 27	10 58	15 29	62	19 45.6	- 18 00	9.4	0.20	1.2	-17
5	6 14	10 41	15 09	61	19 43.4	- 18 46	8.6	0.32	0.6	-22
9	6 07	10 32	14 57	60	19 49.3	- 19 18	8.0	0.44	0.3	-25
13	6 05	10 29	14 53	59	20 01.0	- 19 32	7.4	0.53	0.1	-26
17	6 05	10 29	14 54	60	20 16.8	- 19 27	6.9	0.60	0.0	-26
21	6 05	10 32	15 00	60	20 35.5	- 19 02	6.5	0.66	0.0	-26
25	6 05	10 37	15 10	62	20 56.1	- 18 17	6.1	0.71	-0.0	-25
III 1	6 05	10 44	15 23	64	21 18.1	- 17 11	5.9	0.76	-0.1	-24
5	6 05	10 51	15 38	66	21 41.1	- 15 44	5.6	0.80	-0.1	-22
9	6 03	10 59	15 56	69	22 04.9	- 13 57	5.4	0.83	-0.2	-20
13	6 01	11 08	16 16	73	22 29.4	- 11 50	5.3	0.87	-0.4	-18
17	5 58	11 17	16 38	77	22 54.5	- 9 23	5.2	0.90	-0.5	-15
21	5 54	11 28	17 03	81	23 20.4	- 6 38	5.1	0.93	-0.8	-12
25	5 50	11 39	17 29	86	23 47.0	- 3 34	5.0	0.96	-1.0	-9
29	5 46	11 51	17 57	91	0 14.5	- 0 13	5.0	0.98	-1.4	-5
IV 2	5 42	12 03	18 27	97	0 43.1	3 22	5.0	1.00	-1.9	-2
6	5 38	12 17	19 00	103	1 12.6	7 05	5.1	0.99	-1.9	3
10	5 34	12 32	19 33	109	1 42.9	10 48	5.3	0.95	-1.6	8
14	5 30	12 46	20 06	114	2 13.1	14 18	5.6	0.87	-1.3	12
18	5 26	12 59	20 35	119	2 42.0	17 23	6.0	0.75	-1.0	16
22	5 22	13 09	20 59	124	3 08.4	19 52	6.5	0.62	-0.6	18
26	5 17	13 16	21 15	126	3 31.0	21 41	7.2	0.48	-0.1	20
30	5 12	13 17	21 23	128	3 49.0	22 49	8.0	0.36	0.4	21
V 4	5 06	13 13	21 21	129	4 01.8	23 18	8.9	0.25	1.0	20
8	4 58	13 04	21 09	128	4 08.8	23 11	9.9	0.16	1.8	17
12	4 48	12 49	20 49	127	4 10.1	22 29	10.8	0.08	2.7	14
16	4 36	12 29	20 20	125	4 06.4	21 19	11.6	0.03	4.0	9
20	4 22	12 06	19 48	122	3 59.2	19 49	12.1	0.00	5.5	3
24	4 07	11 42	19 14	119	3 50.7	18 13	12.2	0.01	5.2	-4
28	3 52	11 19	18 44	117	3 43.5	16 50	11.9	0.03	3.8	-10
VI 1	3 38	10 59	18 21	116	3 39.3	15 52	11.3	0.08	2.8	-15
5	3 24	10 44	18 04	115	3 39.3	15 28	10.5	0.15	2.0	-19
9	3 12	10 33	17 55	116	3 43.8	15 37	9.7	0.22	1.4	-21
13	3 02	10 27	17 53	117	3 52.8	16 17	8.9	0.29	0.9	-23
17	2 54	10 25	17 58	119	4 06.1	17 19	8.1	0.38	0.5	-23
21	2 48	10 27	18 08	121	4 23.6	18 38	7.4	0.47	0.2	-23
25	2 45	10 34	18 24	124	4 45.3	20 05	6.8	0.56	-0.2	-21
29	2 47	10 44	18 43	126	5 11.2	21 31	6.2	0.67	-0.5	-19

MERKURY (c.d.)

M d 2022	Wsch.	Kulm.	Zach.	A	α	δ	D	F	V	ΔI
	$\lambda=0$		$\varphi=50$		0^hUT					
	h m	h m	h m	°	h m	° ' "	"		m	°
VII 3	2 53	10 59	19 06	128	5 41.3	22 44	5.8	0.78	-0.9	-15
7	3 06	11 18	19 30	129	6 15.0	23 32	5.4	0.88	-1.3	-11
11	3 26	11 39	19 51	130	6 51.5	23 44	5.2	0.96	-1.7	-7
15	3 51	12 00	20 08	128	7 28.9	23 14	5.1	0.99	-2.0	-3
19	4 20	12 21	20 20	126	8 05.6	22 01	5.0	0.99	-1.9	3
23	4 51	12 40	20 27	123	8 40.2	20 13	5.1	0.96	-1.4	7
27	5 20	12 56	20 29	119	9 12.2	17 59	5.1	0.92	-1.0	11
31	5 48	13 09	20 27	114	9 41.5	15 27	5.3	0.88	-0.7	15
VIII 4	6 13	13 19	20 23	110	10 08.2	12 45	5.4	0.83	-0.4	18
8	6 36	13 28	20 17	105	10 32.5	9 58	5.6	0.78	-0.2	21
12	6 56	13 34	20 09	101	10 54.7	7 11	5.9	0.74	-0.1	23
16	7 14	13 38	20 00	97	11 14.9	4 27	6.2	0.69	0.0	25
20	7 29	13 40	19 50	93	11 33.2	1 49	6.5	0.64	0.1	26
24	7 41	13 40	19 38	89	11 49.4	- 0 38	6.8	0.59	0.2	27
28	7 49	13 38	19 26	86	12 03.4	- 2 52	7.3	0.53	0.3	27
IX 1	7 54	13 33	19 12	83	12 14.7	- 4 46	7.8	0.46	0.4	27
5	7 52	13 25	18 57	81	12 22.7	- 6 15	8.4	0.38	0.6	25
9	7 44	13 12	18 40	79	12 26.3	- 7 07	9.0	0.29	0.9	23
13	7 26	12 54	18 22	80	12 24.6	- 7 11	9.7	0.19	1.5	19
17	6 57	12 30	18 03	81	12 17.0	- 6 13	10.2	0.09	2.5	13
21	6 19	12 01	17 45	85	12 04.4	- 4 13	10.4	0.02	4.2	6
25	5 37	11 32	17 29	89	11 50.5	- 1 32	10.1	0.01	4.5	-4
29	5 00	11 07	17 16	93	11 40.6	0 59	9.4	0.09	2.3	-11
X 3	4 36	10 51	17 06	95	11 39.2	2 30	8.4	0.24	0.7	-16
7	4 28	10 44	17 00	95	11 47.2	2 40	7.4	0.43	-0.2	-18
11	4 34	10 45	16 55	93	12 02.8	1 36	6.6	0.62	-0.7	-18
15	4 48	10 50	16 50	89	12 23.4	- 0 22	6.0	0.76	-0.9	-16
19	5 08	10 58	16 46	85	12 46.6	- 2 53	5.5	0.86	-1.0	-14
23	5 30	11 06	16 41	81	13 11.0	- 5 38	5.2	0.93	-1.0	-11
27	5 53	11 16	16 37	77	13 35.8	- 8 26	5.0	0.96	-1.1	-8
31	6 16	11 25	16 32	72	14 00.8	- 11 11	4.8	0.99	-1.1	-6
XI 4	6 39	11 34	16 28	68	14 25.8	- 13 47	4.7	1.00	-1.2	-3
8	7 01	11 43	16 24	64	14 50.9	- 16 13	4.7	1.00	-1.3	-0
12	7 23	11 53	16 22	61	15 16.2	- 18 25	4.6	1.00	-1.2	2
16	7 44	12 03	16 20	57	15 41.7	- 20 23	4.7	0.99	-1.0	4
20	8 05	12 13	16 21	55	16 07.6	- 22 04	4.7	0.99	-0.8	7
24	8 24	12 23	16 22	52	16 33.8	- 23 28	4.7	0.97	-0.7	9
28	8 42	12 34	16 26	50	17 00.4	- 24 33	4.8	0.96	-0.6	11
XII 2	8 58	12 45	16 33	49	17 27.1	- 25 18	5.0	0.93	-0.6	13
6	9 11	12 56	16 41	48	17 53.9	- 25 41	5.2	0.90	-0.6	15
10	9 21	13 07	16 52	49	18 20.2	- 25 41	5.4	0.86	-0.6	17
14	9 28	13 16	17 05	49	18 45.5	- 25 18	5.7	0.80	-0.6	18
18	9 30	13 23	17 17	51	19 08.8	- 24 32	6.2	0.72	-0.6	20
22	9 26	13 26	17 27	53	19 28.3	- 23 28	6.8	0.60	-0.5	20
26	9 14	13 22	17 31	55	19 41.4	- 22 13	7.5	0.44	-0.2	19
30	8 53	13 08	17 24	57	19 44.7	- 21 01	8.5	0.26	0.6	16
2023 I 3	8 22	12 42	17 02	59	19 35.3	- 20 06	9.4	0.09	2.2	10