

### MERKURY

M d 2025	Wsch.	Kulm.	Zach.	A	$\alpha$	$\delta$	D	F	V	$\Delta I$
	$\lambda=0$			$\varphi=50$	0 <sup>h</sup> UT					
	h m	h m	h m	°	h m	° ' "	"		m	°
I 0	6 21	10 32	14 42	55	17 10.9	- 21 42	5.9	0.76	-0.4	-21
4	6 33	10 39	14 44	54	17 33.3	- 22 36	5.6	0.81	-0.4	-20
8	6 46	10 47	14 48	53	17 57.3	- 23 17	5.4	0.86	-0.4	-19
12	6 58	10 57	14 55	52	18 22.5	- 23 41	5.2	0.89	-0.4	-17
16	7 09	11 07	15 05	52	18 48.5	- 23 47	5.0	0.92	-0.4	-15
20	7 18	11 18	15 18	53	19 15.1	- 23 32	4.9	0.94	-0.5	-13
24	7 25	11 29	15 34	54	19 42.2	- 22 56	4.8	0.96	-0.6	-11
28	7 30	11 41	15 52	56	20 09.6	- 21 57	4.8	0.97	-0.7	-9
II 1	7 34	11 53	16 13	58	20 37.2	- 20 36	4.8	0.98	-0.9	-6
5	7 35	12 05	16 35	61	21 04.9	- 18 52	4.8	0.99	-1.2	-4
9	7 35	12 17	17 00	65	21 32.7	- 16 44	4.8	1.00	-1.4	-2
13	7 34	12 29	17 26	69	22 00.6	- 14 13	4.9	0.99	-1.5	3
17	7 31	12 41	17 53	74	22 28.2	- 11 20	5.0	0.98	-1.4	6
21	7 26	12 52	18 20	79	22 55.5	- 8 08	5.3	0.94	-1.3	9
25	7 20	13 03	18 47	84	23 21.8	- 4 43	5.6	0.87	-1.2	13
III 1	7 12	13 11	19 12	90	23 46.0	- 1 16	6.0	0.76	-1.0	16
5	7 01	13 15	19 31	95	0 06.6	1 57	6.7	0.60	-0.7	18
9	6 47	13 13	19 40	98	0 21.6	4 34	7.5	0.43	-0.2	18
13	6 31	13 04	19 38	101	0 29.3	6 17	8.5	0.26	0.7	17
17	6 12	12 47	19 22	101	0 29.1	6 50	9.5	0.12	1.9	13
21	5 52	12 23	18 54	100	0 21.9	6 12	10.5	0.03	3.6	8
25	5 33	11 56	18 18	97	0 10.6	4 35	11.1	0.00	5.1	3
29	5 16	11 30	17 42	94	23 59.3	2 30	11.3	0.03	3.9	-8
IV 2	5 02	11 06	17 10	91	23 51.3	0 31	11.0	0.09	2.6	-14
6	4 51	10 48	16 45	89	23 48.2	- 0 57	10.4	0.17	1.7	-20
10	4 41	10 35	16 30	88	23 50.4	- 1 45	9.8	0.25	1.2	-23
14	4 33	10 27	16 21	88	23 57.3	- 1 53	9.1	0.32	0.8	-26
18	4 25	10 22	16 19	89	0 08.0	- 1 24	8.4	0.39	0.6	-27
22	4 19	10 20	16 23	90	0 21.7	- 0 23	7.9	0.46	0.4	-27
26	4 12	10 21	16 31	93	0 38.1	1 05	7.3	0.52	0.3	-27
30	4 06	10 24	16 44	96	0 56.6	2 56	6.9	0.58	0.1	-26
V 4	4 00	10 29	17 00	99	1 17.2	5 07	6.5	0.64	-0.0	-24
8	3 55	10 36	17 19	103	1 39.8	7 34	6.1	0.70	-0.2	-22
12	3 51	10 46	17 42	108	2 04.5	10 14	5.8	0.76	-0.5	-19
16	3 48	10 57	18 09	112	2 31.6	13 02	5.5	0.83	-0.7	-16
20	3 46	11 11	18 39	117	3 01.3	15 54	5.3	0.90	-1.1	-12
24	3 47	11 29	19 12	122	3 33.8	18 41	5.2	0.96	-1.5	-7
28	3 52	11 48	19 47	126	4 08.9	21 11	5.1	0.99	-2.0	-3
VI 1	4 00	12 10	20 22	129	4 46.0	23 13	5.1	1.00	-2.1	2
5	4 13	12 32	20 52	132	5 23.6	24 36	5.2	0.96	-1.6	7
9	4 29	12 53	21 16	133	6 00.4	25 15	5.4	0.89	-1.2	12
13	4 49	13 11	21 33	132	6 35.0	25 12	5.6	0.81	-0.8	16
17	5 09	13 27	21 43	131	7 06.6	24 34	6.0	0.72	-0.5	19
21	5 29	13 39	21 47	129	7 34.9	23 28	6.4	0.64	-0.2	22
25	5 47	13 47	21 45	126	7 59.8	22 03	6.8	0.57	0.0	24
29	6 03	13 52	21 40	123	8 21.1	20 25	7.3	0.50	0.3	25

MERKURY (c.d.)

M d 2025	Wsch.	Kulm.	Zach.	A	$\alpha$	$\delta$	D	F	V	$\Delta I$
	$\lambda=0$		$\varphi=50$		$0^h UT$					
	h m	h m	h m	°	h m	° ' "	"		m	°
VII 3	6 15	13 54	21 30	120	8 38.8	18 40	7.9	0.43	0.5	26
7	6 23	13 51	21 18	117	8 52.6	16 57	8.5	0.36	0.7	26
11	6 26	13 44	21 02	114	9 02.4	15 20	9.2	0.29	1.0	25
15	6 22	13 33	20 44	112	9 07.6	13 58	9.9	0.22	1.4	23
19	6 11	13 17	20 22	111	9 08.0	12 57	10.5	0.15	1.9	19
23	5 54	12 56	19 59	110	9 03.4	12 25	11.1	0.09	2.7	15
27	5 29	12 31	19 35	110	8 54.6	12 27	11.4	0.04	3.7	10
31	4 58	12 04	19 11	112	8 43.3	13 01	11.4	0.01	4.7	5
VIII 4	4 27	11 38	18 50	113	8 32.3	14 01	10.9	0.02	4.2	-7
8	3 57	11 15	18 35	115	8 24.8	15 12	10.2	0.07	2.8	-12
12	3 34	10 59	18 25	117	8 23.5	16 19	9.2	0.16	1.6	-16
16	3 21	10 51	18 21	118	8 29.8	17 07	8.2	0.29	0.6	-18
20	3 18	10 50	18 21	118	8 43.7	17 24	7.3	0.44	-0.1	-19
24	3 25	10 55	18 25	118	9 04.5	17 00	6.5	0.60	-0.6	-18
28	3 42	11 06	18 28	115	9 30.4	15 49	5.9	0.76	-1.0	-15
IX 1	4 06	11 19	18 30	112	9 59.2	13 55	5.5	0.87	-1.3	-12
5	4 33	11 33	18 31	108	10 28.8	11 25	5.2	0.95	-1.4	-8
9	5 01	11 46	18 29	103	10 58.0	8 32	5.0	0.99	-1.6	-4
13	5 29	11 59	18 26	98	11 26.1	5 26	4.9	1.00	-1.7	-2
17	5 55	12 09	18 21	93	11 52.8	2 16	4.8	0.99	-1.4	3
21	6 20	12 19	18 16	88	12 18.3	- 0 53	4.8	0.98	-1.1	6
25	6 44	12 28	18 10	84	12 42.8	- 3 58	4.8	0.96	-0.8	9
29	7 06	12 35	18 04	79	13 06.5	- 6 56	4.9	0.94	-0.6	12
X 3	7 27	12 43	17 57	75	13 29.6	- 9 45	5.0	0.92	-0.4	14
7	7 47	12 50	17 50	70	13 52.2	- 12 24	5.1	0.90	-0.3	16
11	8 07	12 56	17 44	67	14 14.4	- 14 51	5.2	0.87	-0.2	18
15	8 25	13 02	17 38	63	14 36.3	- 17 06	5.4	0.83	-0.2	20
19	8 42	13 07	17 32	60	14 57.6	- 19 06	5.6	0.79	-0.2	22
23	8 56	13 12	17 27	57	15 18.2	- 20 50	5.9	0.75	-0.2	23
27	9 09	13 16	17 22	54	15 37.7	- 22 14	6.3	0.68	-0.1	24
31	9 16	13 17	17 17	53	15 55.0	- 23 17	6.8	0.61	-0.1	24
XI 4	9 18	13 14	17 11	52	16 08.9	- 23 54	7.3	0.50	-0.0	23
8	9 10	13 06	17 02	52	16 17.2	- 23 58	8.1	0.37	0.3	21
12	8 48	12 49	16 50	53	16 17.1	- 23 19	8.9	0.22	1.0	17
16	8 11	12 21	16 32	56	16 06.2	- 21 49	9.6	0.07	2.5	10
20	7 22	11 45	16 10	60	15 46.8	- 19 30	9.9	0.00	5.4	1
24	6 34	11 11	15 49	64	15 27.4	- 17 08	9.5	0.06	2.8	-8
28	6 01	10 46	15 31	66	15 16.8	- 15 42	8.7	0.22	0.9	-15
XII 2	5 46	10 32	15 18	66	15 17.7	- 15 31	7.7	0.40	-0.0	-19
6	5 45	10 27	15 09	65	15 27.7	- 16 17	7.0	0.56	-0.4	-21
10	5 53	10 28	15 02	62	15 43.7	- 17 35	6.3	0.68	-0.5	-21
14	6 06	10 32	14 58	60	16 03.5	- 19 03	5.9	0.77	-0.5	-20
18	6 21	10 39	14 57	57	16 25.8	- 20 30	5.5	0.83	-0.5	-18
22	6 37	10 48	14 57	55	16 49.7	- 21 49	5.3	0.88	-0.5	-17
26	6 53	10 57	15 00	53	17 14.8	- 22 54	5.1	0.91	-0.5	-15
30	7 09	11 07	15 05	52	17 40.8	- 23 43	4.9	0.94	-0.5	-13
2026 I 3	7 23	11 18	15 13	51	18 07.5	- 24 13	4.8	0.96	-0.6	-11