

MERKURY

M d 2018	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	6 09	10 26	14 42	57	17 04.5	- 20 40	6.9	0.59	-0.2	-23
4	6 16	10 28	14 39	56	17 21.6	- 21 34	6.3	0.69	-0.3	-23
8	6 26	10 33	14 39	54	17 42.0	- 22 23	5.9	0.76	-0.3	-22
12	6 37	10 40	14 42	53	18 04.6	- 23 01	5.6	0.81	-0.3	-21
16	6 48	10 48	14 49	53	18 28.7	- 23 23	5.4	0.85	-0.3	-19
20	6 57	10 58	14 58	53	18 53.8	- 23 28	5.2	0.88	-0.3	-18
24	7 06	11 08	15 10	53	19 19.8	- 23 13	5.1	0.91	-0.4	-16
28	7 13	11 19	15 25	54	19 46.3	- 22 38	4.9	0.93	-0.5	-14
II 1	7 18	11 30	15 43	56	20 13.2	- 21 40	4.9	0.95	-0.6	-12
5	7 21	11 41	16 03	58	20 40.3	- 20 21	4.8	0.97	-0.7	-9
9	7 22	11 53	16 25	62	21 07.7	- 18 39	4.8	0.98	-1.0	-7
13	7 22	12 05	16 49	65	21 35.3	- 16 34	4.8	0.99	-1.2	-4
17	7 21	12 17	17 14	69	22 02.9	- 14 06	4.8	1.00	-1.5	-2
21	7 18	12 29	17 41	74	22 30.7	- 11 16	4.9	0.99	-1.5	3
25	7 14	12 41	18 09	79	22 58.3	- 8 05	5.1	0.97	-1.4	7
III 1	7 09	12 52	18 37	85	23 25.5	- 4 39	5.3	0.93	-1.3	10
5	7 02	13 02	19 05	90	23 51.7	- 1 04	5.7	0.85	-1.2	13
9	6 53	13 10	19 28	95	0 15.5	2 25	6.2	0.72	-1.0	16
13	6 42	13 13	19 46	100	0 35.4	5 31	6.8	0.56	-0.6	18
17	6 29	13 11	19 54	104	0 49.5	7 55	7.7	0.39	0.0	18
21	6 13	13 01	19 50	106	0 56.6	9 22	8.7	0.23	0.9	17
25	5 55	12 44	19 33	106	0 56.1	9 42	9.8	0.11	2.2	13
29	5 36	12 21	19 04	104	0 49.2	8 54	10.7	0.03	3.8	7
IV 2	5 18	11 54	18 29	101	0 38.8	7 13	11.3	0.00	5.3	3
6	5 03	11 28	17 53	98	0 28.3	5 07	11.4	0.03	4.0	-8
10	4 49	11 06	17 22	95	0 20.9	3 10	11.1	0.08	2.7	-14
14	4 38	10 48	16 58	93	0 18.2	1 43	10.6	0.15	1.9	-19
18	4 28	10 35	16 42	92	0 20.5	0 57	9.9	0.23	1.3	-23
22	4 19	10 26	16 34	92	0 27.1	0 51	9.2	0.31	0.9	-25
26	4 11	10 21	16 32	93	0 37.6	1 23	8.6	0.38	0.7	-27
30	4 04	10 20	16 36	95	0 51.2	2 26	8.0	0.44	0.5	-27
V 4	3 57	10 20	16 44	97	1 07.5	3 56	7.4	0.50	0.3	-27
8	3 51	10 23	16 57	100	1 26.1	5 49	6.9	0.57	0.1	-25
12	3 46	10 29	17 14	104	1 47.0	8 01	6.5	0.63	-0.1	-24
16	3 41	10 36	17 34	108	2 10.1	10 27	6.1	0.70	-0.3	-21
20	3 37	10 47	17 58	112	2 35.7	13 03	5.8	0.77	-0.5	-18
24	3 35	10 59	18 26	117	3 03.9	15 45	5.5	0.84	-0.8	-15
28	3 36	11 15	18 57	121	3 35.1	18 24	5.3	0.91	-1.2	-11
VI 1	3 39	11 34	19 31	125	4 09.2	20 51	5.1	0.97	-1.7	-6
5	3 47	11 55	20 05	129	4 45.8	22 54	5.1	1.00	-2.2	-1
9	4 00	12 17	20 36	131	5 23.7	24 21	5.1	0.99	-1.9	4
13	4 17	12 39	21 02	132	6 01.6	25 04	5.2	0.94	-1.4	9
17	4 38	13 00	21 21	132	6 37.7	25 04	5.4	0.87	-1.0	13
21	5 00	13 17	21 32	131	7 11.3	24 25	5.7	0.79	-0.7	17
25	5 23	13 31	21 38	128	7 41.7	23 16	6.0	0.72	-0.4	20
29	5 44	13 42	21 38	125	8 08.7	21 45	6.4	0.64	-0.2	22

MERKURY (c.d.)

M d 2018	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	6 03	13 49	21 34	122	8 32.5	19 59	6.8	0.58	0.1	24
7	6 18	13 54	21 27	119	8 52.9	18 05	7.3	0.51	0.3	26
11	6 30	13 54	21 17	116	9 09.8	16 09	7.8	0.45	0.5	26
15	6 38	13 51	21 03	113	9 23.2	14 17	8.4	0.38	0.7	26
19	6 40	13 44	20 48	110	9 32.7	12 36	9.0	0.31	0.9	25
23	6 36	13 33	20 29	108	9 37.8	11 12	9.7	0.24	1.3	23
27	6 25	13 17	20 09	107	9 38.1	10 15	10.3	0.17	1.8	20
31	6 06	12 56	19 46	106	9 33.6	9 52	10.9	0.10	2.5	15
VIII 4	5 40	12 31	19 23	107	9 24.6	10 07	11.2	0.04	3.6	10
8	5 08	12 04	19 00	108	9 13.0	10 59	11.2	0.01	4.7	5
12	4 35	11 37	18 41	111	9 01.8	12 18	10.8	0.02	4.2	-7
16	4 04	11 15	18 26	113	8 54.2	13 44	10.0	0.08	2.7	-12
20	3 41	10 59	18 17	115	8 53.3	14 57	9.0	0.18	1.4	-16
24	3 29	10 51	18 13	116	9 00.3	15 42	8.0	0.32	0.4	-18
28	3 28	10 51	18 13	116	9 15.2	15 45	7.1	0.48	-0.3	-18
IX 1	3 39	10 57	18 15	114	9 36.7	14 59	6.4	0.65	-0.8	-17
5	3 58	11 08	18 17	111	10 02.8	13 24	5.8	0.79	-1.1	-14
9	4 22	11 21	18 17	107	10 31.0	11 08	5.4	0.90	-1.3	-11
13	4 49	11 33	18 16	103	10 59.7	8 24	5.1	0.96	-1.4	-8
17	5 16	11 46	18 13	98	11 27.7	5 22	5.0	0.99	-1.6	-4
21	5 43	11 57	18 09	93	11 54.7	2 13	4.8	1.00	-1.6	-2
25	6 08	12 07	18 04	88	12 20.6	- 0 57	4.8	0.99	-1.3	3
29	6 32	12 16	17 58	84	12 45.5	- 4 02	4.8	0.98	-1.0	6
X 3	6 55	12 24	17 52	79	13 09.7	- 7 01	4.8	0.97	-0.8	9
7	7 17	12 32	17 46	74	13 33.4	- 9 52	4.8	0.95	-0.6	12
11	7 38	12 39	17 40	70	13 56.6	- 12 33	4.9	0.93	-0.4	14
15	7 58	12 47	17 34	66	14 19.5	- 15 02	5.0	0.90	-0.3	16
19	8 17	12 53	17 28	63	14 42.2	- 17 18	5.2	0.88	-0.3	18
23	8 35	13 00	17 24	59	15 04.6	- 19 20	5.4	0.84	-0.2	20
27	8 52	13 06	17 19	56	15 26.6	- 21 06	5.6	0.80	-0.2	21
31	9 07	13 12	17 16	54	15 47.9	- 22 35	5.9	0.75	-0.2	22
XI 4	9 18	13 16	17 13	52	16 08.0	- 23 44	6.3	0.69	-0.2	23
8	9 24	13 17	17 10	51	16 25.7	- 24 29	6.8	0.60	-0.2	23
12	9 24	13 14	17 05	50	16 39.5	- 24 49	7.4	0.49	-0.0	22
16	9 13	13 05	16 57	51	16 46.8	- 24 36	8.2	0.35	0.3	20
20	8 48	12 45	16 44	52	16 44.6	- 23 44	9.0	0.19	1.2	15
24	8 07	12 15	16 24	56	16 31.0	- 22 06	9.7	0.05	3.0	8
28	7 17	11 38	16 00	59	16 09.8	- 19 54	9.9	0.00	5.1	2
XII 2	6 32	11 05	15 38	63	15 51.1	- 17 55	9.4	0.09	2.1	-10
6	6 04	10 42	15 20	64	15 42.8	- 16 58	8.5	0.26	0.6	-17
10	5 53	10 30	15 07	63	15 45.7	- 17 07	7.6	0.44	-0.1	-20
14	5 54	10 26	14 58	62	15 57.0	- 17 59	6.9	0.59	-0.4	-21
18	6 02	10 28	14 53	60	16 13.7	- 19 13	6.3	0.69	-0.4	-21
22	6 15	10 33	14 50	57	16 34.0	- 20 31	5.9	0.77	-0.4	-20
26	6 29	10 40	14 50	55	16 56.6	- 21 43	5.5	0.83	-0.4	-19
30	6 44	10 48	14 52	54	17 20.7	- 22 45	5.3	0.88	-0.4	-17
2019 I 3	6 58	10 58	14 57	52	17 46.0	- 23 31	5.1	0.91	-0.4	-16