

MERKURY

M d 2012	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 25	10 35	14 44	55	17 10.4	- 21 53	5.8	0.79	-0.4	-20
4	6 38	10 43	14 46	54	17 33.7	- 22 47	5.5	0.84	-0.4	-19
8	6 51	10 52	14 51	52	17 58.3	- 23 27	5.2	0.88	-0.4	-17
12	7 04	11 01	14 59	52	18 23.9	- 23 49	5.1	0.91	-0.4	-16
16	7 14	11 12	15 10	52	18 50.3	- 23 52	4.9	0.93	-0.5	-14
20	7 24	11 23	15 23	53	19 17.2	- 23 35	4.9	0.95	-0.5	-12
24	7 31	11 35	15 40	54	19 44.5	- 22 55	4.8	0.97	-0.7	-10
28	7 36	11 47	15 59	56	20 12.1	- 21 54	4.8	0.98	-0.8	-7
II 1	7 39	11 59	16 20	58	20 39.9	- 20 29	4.8	0.99	-1.1	-5
5	7 40	12 11	16 43	62	21 07.8	- 18 40	4.8	1.00	-1.3	-3
9	7 40	12 23	17 08	65	21 35.7	- 16 28	4.8	1.00	-1.5	-2
13	7 38	12 35	17 34	70	22 03.5	- 13 52	5.0	0.99	-1.4	5
17	7 35	12 47	18 01	74	22 31.1	- 10 56	5.1	0.96	-1.3	8
21	7 30	12 58	18 28	80	22 58.0	- 7 41	5.4	0.91	-1.2	11
25	7 23	13 08	18 54	85	23 23.5	- 4 16	5.8	0.83	-1.1	14
29	7 13	13 14	19 17	90	23 46.2	- 0 55	6.3	0.70	-0.9	17
III 4	7 01	13 16	19 32	95	0 04.5	2 04	7.0	0.53	-0.5	18
8	6 46	13 11	19 36	98	0 16.2	4 20	7.9	0.35	0.1	18
12	6 28	12 58	19 27	100	0 20.1	5 34	9.0	0.19	1.2	15
16	6 08	12 37	19 05	99	0 16.0	5 35	10.0	0.07	2.7	11
20	5 48	12 11	18 32	97	0 06.0	4 26	10.8	0.01	4.5	5
24	5 30	11 43	17 55	94	23 53.9	2 31	11.2	0.01	4.6	-5
28	5 14	11 18	17 20	91	23 43.6	0 26	11.1	0.06	3.1	-11
IV 1	5 01	10 57	16 52	88	23 37.9	- 1 20	10.7	0.13	2.0	-17
5	4 51	10 41	16 32	87	23 37.5	- 2 28	10.0	0.21	1.4	-22
9	4 42	10 31	16 20	86	23 42.2	- 2 56	9.4	0.29	1.0	-25
13	4 34	10 24	16 15	87	23 51.2	- 2 45	8.7	0.37	0.7	-27
17	4 27	10 21	16 16	88	0 03.7	- 2 00	8.1	0.43	0.5	-27
21	4 21	10 21	16 22	90	0 18.9	- 0 46	7.6	0.50	0.3	-27
25	4 15	10 23	16 33	93	0 36.4	0 54	7.1	0.56	0.2	-27
29	4 09	10 27	16 47	96	0 56.0	2 55	6.6	0.61	0.0	-25
V 3	4 03	10 33	17 04	100	1 17.5	5 14	6.3	0.67	-0.1	-23
7	3 59	10 41	17 25	104	1 41.0	7 49	5.9	0.73	-0.3	-21
11	3 55	10 51	17 50	108	2 06.6	10 35	5.7	0.80	-0.6	-18
15	3 52	11 04	18 18	113	2 34.5	13 29	5.4	0.86	-0.9	-14
19	3 51	11 19	18 49	118	3 05.1	16 24	5.2	0.93	-1.3	-10
23	3 52	11 37	19 24	122	3 38.4	19 11	5.1	0.98	-1.7	-5
27	3 57	11 57	19 59	127	4 14.2	21 39	5.1	1.00	-2.3	-1
31	4 06	12 19	20 33	130	4 51.4	23 35	5.1	0.98	-1.9	4
VI 4	4 20	12 40	21 02	132	5 28.7	24 50	5.3	0.93	-1.4	9
8	4 36	13 00	21 24	133	6 04.6	25 21	5.5	0.85	-1.0	14
12	4 55	13 17	21 39	132	6 38.1	25 12	5.8	0.77	-0.7	17
16	5 15	13 32	21 47	131	7 08.5	24 30	6.2	0.68	-0.4	20
20	5 34	13 42	21 50	128	7 35.4	23 22	6.6	0.60	-0.1	23
24	5 50	13 49	21 47	126	7 58.8	21 57	7.1	0.53	0.1	25
VI 28	6 04	13 53	21 40	123	8 18.5	20 21	7.6	0.46	0.4	25

MERKURY (c.d.)

M d 2012	Wsch.	Kulm.	Zach.	A	α	δ	D	F	V	ΔI
	$\lambda=0$		$\varphi=50$		0^hUT					
VII 2	6 14	13 52	21 29	120	8 34.5	18 40	8.2	0.39	0.6	26
6	6 19	13 48	21 15	117	8 46.3	17 03	8.9	0.32	0.9	25
10	6 19	13 39	20 58	115	8 53.8	15 34	9.6	0.25	1.2	23
14	6 12	13 25	20 38	113	8 56.6	14 22	10.3	0.18	1.7	21
18	5 58	13 07	20 15	112	8 54.4	13 33	10.9	0.11	2.3	17
22	5 37	12 44	19 51	112	8 47.5	13 15	11.3	0.06	3.3	12
26	5 09	12 17	19 26	112	8 37.2	13 28	11.5	0.02	4.4	7
30	4 38	11 50	19 03	113	8 25.7	14 11	11.2	0.01	4.7	-5
VIII 3	4 08	11 26	18 44	115	8 16.2	15 12	10.6	0.04	3.5	-9
7	3 42	11 06	18 32	117	8 11.7	16 18	9.7	0.11	2.2	-14
11	3 23	10 54	18 25	119	8 14.1	17 16	8.7	0.22	1.1	-17
15	3 14	10 49	18 23	119	8 24.1	17 52	7.8	0.36	0.3	-19
19	3 16	10 51	18 26	119	8 41.5	17 54	6.9	0.51	-0.4	-18
23	3 28	10 59	18 30	118	9 05.0	17 15	6.2	0.67	-0.8	-17
27	3 48	11 12	18 34	115	9 32.7	15 50	5.7	0.81	-1.1	-14
31	4 14	11 26	18 36	112	10 02.5	13 43	5.4	0.91	-1.3	-10
IX 4	4 42	11 40	18 36	107	10 32.4	11 06	5.1	0.97	-1.5	-6
8	5 10	11 53	18 34	102	11 01.5	8 08	4.9	0.99	-1.7	-3
12	5 38	12 05	18 30	98	11 29.2	5 01	4.9	1.00	-1.6	-2
16	6 04	12 16	18 26	93	11 55.6	1 50	4.8	0.99	-1.2	5
20	6 28	12 25	18 20	88	12 20.8	- 1 18	4.8	0.97	-0.9	8
24	6 51	12 33	18 14	83	12 45.0	- 4 21	4.9	0.95	-0.7	11
28	7 13	12 41	18 07	78	13 08.4	- 7 17	4.9	0.93	-0.5	13
X 2	7 34	12 48	18 00	74	13 31.1	- 10 04	5.0	0.91	-0.4	16
6	7 53	12 54	17 53	70	13 53.4	- 12 41	5.1	0.88	-0.3	18
10	8 12	13 00	17 47	66	14 15.2	- 15 06	5.3	0.85	-0.2	20
14	8 30	13 06	17 41	63	14 36.6	- 17 18	5.5	0.81	-0.2	21
18	8 45	13 10	17 35	59	14 57.4	- 19 14	5.8	0.77	-0.1	23
22	8 59	13 14	17 29	57	15 17.2	- 20 54	6.1	0.71	-0.1	24
26	9 09	13 17	17 23	54	15 35.5	- 22 13	6.5	0.65	-0.1	24
30	9 15	13 16	17 17	53	15 51.2	- 23 09	7.0	0.56	-0.1	24
XI 3	9 12	13 11	17 09	52	16 02.6	- 23 36	7.7	0.45	0.1	22
7	8 59	12 59	16 59	53	16 07.3	- 23 25	8.5	0.31	0.5	19
11	8 31	12 37	16 44	55	16 02.5	- 22 25	9.3	0.15	1.5	14
15	7 47	12 05	16 25	59	15 47.5	- 20 28	9.8	0.03	3.6	6
19	6 56	11 29	16 03	63	15 27.0	- 17 55	9.8	0.01	4.5	-3
23	6 14	10 59	15 44	66	15 11.0	- 15 47	9.2	0.12	1.8	-12
27	5 49	10 39	15 28	67	15 05.7	- 14 51	8.3	0.30	0.4	-17
XII 1	5 41	10 29	15 17	67	15 11.1	- 15 08	7.4	0.48	-0.2	-20
5	5 45	10 27	15 09	65	15 24.2	- 16 12	6.7	0.62	-0.5	-21
9	5 56	10 30	15 04	62	15 42.2	- 17 40	6.1	0.73	-0.5	-20
13	6 10	10 36	15 01	60	16 03.3	- 19 13	5.7	0.81	-0.5	-19
17	6 26	10 43	14 59	57	16 26.4	- 20 42	5.4	0.86	-0.5	-17
21	6 43	10 52	15 00	55	16 50.9	- 22 01	5.2	0.90	-0.5	-16
25	7 00	11 02	15 04	53	17 16.4	- 23 05	5.0	0.93	-0.5	-14
29	7 15	11 13	15 10	52	17 42.7	- 23 52	4.9	0.95	-0.6	-12
2013 I 2	7 29	11 24	15 18	51	18 09.6	- 24 20	4.8	0.97	-0.7	-10