MERKURY

M d 2011	Wsch.	Kulm.	Zach.	A	α	δ	D	F	V	Δl
	λ=0		φ=50		0^hUT					
	h m	h m	h m	°	h m	° '	"		m	°
I 0	6 17	10 37	14 57	58	17 16.0	- 20 07	8.2	0.34	0.3	-20
4	6 12	10 28	14 45	57	17 22.1	- 20 39	7.5	0.49	-0.1	-22
8	6 14	10 26	14 39	56	17 35.1	- 21 23	6.8	0.60	-0.2	-23
12	6 20	10 29	14 37	55	17 52.7	- 22 07	6.3	0.69	-0.2	-23
16	6 29	10 34	14 38	54	18 13.3	- 22 42	6.0	0.75	-0.2	-22
20	6 38	10 41	14 43	53	18 35.9	- 23 03	5.7	0.80	-0.2	-21
24	6 47	10 49	14 52	53	19 00.0	- 23 07	5.4	0.84	-0.3	-20
28	6 54	10 59	15 03	54	19 25.1	- 22 52	5.2	0.88	-0.3	-18
II 1	7 00	11 09	15 17	55	19 50.9	- 22 17	5.1	0.90	-0.4	-16
5	7 05	11 19	15 34	57	20 17.2	- 21 21	5.0	0.93	-0.4	-14
9	7 08	11 30	15 53	59	20 43.8	- 20 03	4.9	0.95	-0.6	-12
13	7 09	11 41	16 14	62	21 10.8	- 18 24	4.8	0.96	-0.8	-10
17	7 09	11 53	16 38	65	21 37.9	- 16 21	4.8	0.98	-1.0	-7
21	7 08	12 05	17 02	69	22 05.3	- 13 57	4.8	0.99	-1.3	-4
25	7 05	12 16	17 29	74	22 32.9	- 11 10	4.9	1.00	-1.6	-2
III 1	7 02	12 28	17 57	79	23 00.6	- 8 03	5.0	0.99	-1.6	4
5	6 57	12 40	18 26	85	23 28.3	- 4 38	5.1	0.97	-1.5	7
9	6 51	12 52	18 55	90	23 55.6	- 1 01	5.4	0.91	-1.3	11
13	6 44	13 02	19 22	96	0 21.7	2 38	5.8	0.82	-1.2	14
17	6 35	13 09	19 45	101	0 45.2	6 04	6.3	0.68	-0.9	17
21	6 24	13 12	20 02	106	1 04.5	8 59	7.0	0.52	-0.4	18
25	6 11	13 09	20 08	109	1 18.0	11 08	7.9	0.35	0.2	18
29	5 55	12 59	20 02	110	1 24.6	12 19	8.9	0.21	1.1	16
IV 2	5 39	12 42	19 44	110	1 24.2	12 26	10.0	0.09	2.4	13
6	5 21	12 19	19 16	108	1 17.9	11 31	10.9	0.03	4.0	7
10	5 05	11 54	18 41	105	1 08.2	9 48	11.5	0.00	5.4	2
14	4 50	11 28	18 06	102	0 58.5	7 44	11.6	0.02	4.2	-7
18	4 36	11 06	17 35	99	0 51.6	5 49	11.3	0.07	2.9	-14
22	4 25	10 48	17 11	97	0 49.0	4 24	10.8	0.14	2.0	-19
26	4 15	10 35	16 55	96	0 51.0	3 40	10.1	0.22	1.4	-22
30	4 06	10 26	16 47	96	0 57.5	3 36	9.4	0.29	1.0	-25
V 4	3 58	10 21	16 45	97	1 07.7	4 09	8.7	0.36	0.7	-26
8	3 50	10 19	16 49	99	1 21.1	5 14	8.1	0.42	0.5	-27
12	3 43	10 20	16 58	102	1 37.3	6 45	7.5	0.49	0.3	-26
16	3 37	10 23	17 11	105	1 56.1	8 38	7.0	0.56	0.1	-25
20	3 32	10 29	17 28	108	2 17.4	10 48	6.5	0.62	-0.1	-23
24	3 27	10 37	17 49	112	2 41.2	13 11	6.1	0.70	-0.3	-21
28	3 25	10 48	18 14	116	3 07.8	15 41	5.8	0.77	-0.6	-18
VI 1	3 25	11 03	18 43	121	3 37.4	18 11	5.5	0.85	-1.0	-14
5	3 28	11 20	19 15	125	4 10.2	20 33	5.3	0.93	-1.4	-10
9	3 35	11 40	19 48	128	4 45.8	22 35	5.1	0.98	-1.8	-5
13	3 47	12 03	20 19	131	5 23.6	24 04	5.1	1.00	-2.3	-1
17	4 04	12 25	20 46	132	6 01.9	24 52	5.1	0.98	-1.8	5
21	4 26	12 47	21 07	132	6 39.3	24 55	5.2	0.93	-1.3	10
25	4 50	13 06	21 20	130	7 14.4	24 17	5.4	0.86	-0.9	14
VI 29	5 14	13 22	21 27	128	7 46.6	23 06	5.7	0.79	-0.6	18

MERKURY (c.d.)

M d 2011	Wsch.	Kulm.	Zach.	A	α	δ	D	F	V	Δl
	λ=0		φ=50		0^hUT					
VII 3	5 38	13 35	21 29	125	8 15.6	21 31	6.0	0.72	-0.3	21
7	5 59	13 44	21 27	122	8 41.4	19 38	6.3	0.65	-0.1	23
11	6 18	13 51	21 21	118	9 04.0	17 35	6.7	0.59	0.1	25
15	6 34	13 54	21 12	114	9 23.5	15 28	7.2	0.52	0.3	26
19	6 45	13 54	21 01	111	9 39.8	13 23	7.7	0.46	0.4	27
23	6 52	13 50	20 47	108	9 52.7	11 25	8.3	0.40	0.6	27
27	6 54	13 43	20 32	105	10 01.9	9 41	8.9	0.33	0.9	26
31	6 50	13 32	20 14	103	10 06.9	8 18	9.5	0.26	1.2	23
VIII 4	6 38	13 16	19 53	102	10 07.3	7 25	10.2	0.18	1.7	20
8	6 18	12 55	19 32	102	10 02.6	7 11	10.7	0.11	2.4	16
12	5 51	12 30	19 09	103	9 53.5	7 40	11.1	0.05	3.5	10
16	5 17	12 02	18 48	105	9 41.6	8 51	11.0	0.01	4.7	5
20	4 42	11 35	18 29	108	9 30.1	10 28	10.6	0.02	4.1	-7
24	4 11	11 13	18 16	110	9 22.7	12 07	9.8	0.09	2.5	-12
28	3 49	10 58	18 08	112	9 22.4	13 24	8.8	0.20	1.2	-16
IX 1	3 38	10 51	18 04	113	9 30.4	14 01	7.8	0.35	0.2	-18
5	3 40	10 52	18 03	112	9 46.4	13 46	6.9	0.52	-0.4	-18
9	3 53	10 59	18 04	110	10 08.5	12 38	6.2	0.69	-0.9	-16
13	4 13	11 09	18 03	107	10 34.4	10 42	5.7	0.83	-1.1	-14
17	4 38	11 21	18 02	103	11 02.0	8 09	5.3	0.92	-1.3	-10
21	5 04	11 33	18 00	98	11 29.6	5 14	5.1	0.97	-1.4	-7
25	5 31	11 44	17 56	93	11 56.7	2 08	4.9	0.99	-1.5	-4
29	5 56	11 54	17 51	88	12 22.8	- 1 00	4.8	1.00	-1.6	-1
X 3	6 20	12 04	17 46	83	12 48.1	- 4 06	4.8	1.00	-1.3	3
7	6 44	12 13	17 40	79	13 12.7	- 7 06	4.7	0.98	-1.0	6
11	7 06	12 21	17 34	74	13 36.8	- 9 58	4.8	0.97	-0.8	9
15	7 28	12 29	17 28	70	14 00.5	- 12 39	4.8	0.95	-0.6	11
19	7 49	12 37	17 23	66	14 24.0	- 15 09	4.9	0.93	-0.5	13
23	8 09	12 44	17 18	62	14 47.4	- 17 27	5.0	0.91	-0.4	16
27	8 28	12 52	17 14	59	15 10.7	- 19 30	5.2	0.88	-0.3	17
31	8 46	12 59	17 11	56	15 33.8	- 21 18	5.3	0.85	-0.3	19
XI 4	9 02	13 06	17 09	53	15 56.5	- 22 49	5.6	0.81	-0.3	21
8	9 16	13 12	17 07	51	16 18.5	- 24 00	5.9	0.75	-0.3	22
12	9 26	13 16	17 07	50	16 39.1	- 24 51	6.3	0.69	-0.3	23
16	9 31	13 18	17 05	49	16 57.1	- 25 18	6.8	0.59	-0.2	23
20	9 28	13 15	17 02	49	17 10.4	- 25 19	7.5	0.47	-0.1	22
24	9 13	13 04	16 55	50	17 16.4	- 24 51	8.3	0.32	0.4	19
28	8 44	12 42	16 40	52	17 11.6	- 23 47	9.2	0.15	1.5	14
XII 2	8 01	12 09	16 17	56	16 55.2	- 22 07	9.8	0.02	3.7	6
6	7 11	11 31	15 51	59	16 33.0	- 20 10	9.8	0.01	4.2	-4
10	6 31	10 59	15 28	61	16 15.7	- 18 39	9.2	0.13	1.6	-12
14	6 07	10 39	15 10	62	16 09.6	- 18 09	8.3	0.31	0.4	-18
18	5 59	10 29	14 58	61	16 14.4	- 18 31	7.5	0.47	-0.1	-21
22	6 02	10 26	14 50	59	16 26.8	- 19 26	6.8	0.60	-0.3	-22
26	6 10	10 28	14 45	57	16 44.2	- 20 32	6.3	0.70	-0.4	-22
30	6 22	10 33	14 44	56	17 04.9	- 21 38	5.8	0.77	-0.4	-21
2012 I 3	6 35	10 40	14 46	54	17 27.7	- 22 35	5.5	0.83	-0.4	-19