MERKURY

M d 2015	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	9 02	13 01	17 01	52	19 36.9	- 23 45	5.2	0.92	-0.8	13
4	9 04	13 12	17 21	55	20 03.7	- 22 26	5.5	0.87	-0.8	15
8	9 03	13 21	17 40	58	20 28.8	- 20 46	5.9	0.79	-0.8	17
12	8 57	13 27	17 57	61	20 50.8	- 18 49	6.4	0.68	-0.7	19
16	8 46	13 27	18 08	65	21 07.6	- 16 48	7.1	0.53	-0.5	19
20	8 29	13 18	18 08	67	21 16.2	- 15 03	8.0	0.34	0.1	17
24	8 05	12 58	17 52	69	21 13.6	- 13 59	9.0	0.15	1.4	13
28	7 34	12 28	17 21	69	20 59.9	- 13 54	9.9	0.03	3.5	6
II 1	7 03	11 52	16 41	67	20 40.1	- 14 39	10.3	0.02	4.2	-5
5	6 37	11 20	16 03	65	20 22.7	- 15 47	10.0	0.09	2.3	-12
9	6 18	10 56	15 33	64	20 13.2	- 16 52	9.4	0.21	1.2	-18
13	6 06	10 40	15 14	62	20 12.5	- 17 41	8.7	0.33	0.6	-23
17	6 00	10 32	15 03	62	20 19.2	- 18 09	8.0	0.44	0.3	-25
21	5 57	10 29	15 00	62	20 31.3	- 18 16	7.4	0.52	0.2	-26
25	5 56	10 29	15 02	62	20 47.1	- 18 00	6.9	0.59	0.1	-27
III 1	5 55	10 32	15 09	63	21 05.5	- 17 23	6.5	0.65	0.0	-26
5	5 54	10 37	15 20	65	21 25.9	- 16 24	6.2	0.70	-0.0	-25
9	5 53	10 43	15 33	67	21 47.6	- 15 04	5.9	0.75	-0.1	-24
13	5 51	10 50	15 50	70	22 10.3	- 13 24	5.7	0.79	-0.1	-22
17	5 49	10 58	16 08	73	22 33.9	- 11 23	5.5	0.82	-0.2	-20
21	5 45	11 06	16 29	77	22 58.2	- 9 03	5.3	0.86	-0.4	-18
25	5 42	11 16	16 52	81	23 23.3	- 6 25	5.2	0.89	-0.6	-15
29	5 38	11 26	17 17	86	23 49.3	- 3 28	5.1	0.93	-0.8	-12
IV 2	5 34	11 38	17 44	91	0 16.3	- 0 14	5.0	0.96	-1.1	-8
6	5 29	11 50	18 13	97	0 44.4	3 14	5.0	0.99	-1.6	-5
10	5 25	12 04	18 45	103	1 13.8	6 53	5.0	1.00	-2.1	-1
14	5 22	12 19	19 19	108	1 44.3	10 34	5.1	0.99	-1.9	4
18	5 19	12 34	19 53	114	2 15.5	14 08	5.3	0.93	-1.5	9
22	5 16	12 49	20 26	119	2 46.4	17 21	5.6	0.84	-1.2	13
26	5 14	13 03	20 54	124	3 15.8	20 02	6.1	0.72	-0.9	17
30	5 12	13 13	21 16	127	3 42.5	22 04	6.6	0.59	-0.5	19
V 4	5 10	13 20	21 31	130	4 05.3	23 27	7.3	0.46	-0.0	21
8	5 07	13 22	21 36	131	4 23.6	24 12	8.1	0.35	0.5	21
12	5 03	13 18	21 33	131	4 36.7	24 22	9.0	0.25	1.1	20
16	4 57	13 09	21 20	130	4 44.3	24 02	10.0	0.16	1.8	18
20	4 49	12 55	20 59	128	4 46.3	23 15	10.9	0.09	2.6	14
24	4 37	12 35	20 32	126	4 43.2	22 06	11.6	0.04	3.7	10
28	4 23	12 12	20 00	124	4 36.2	20 43	12.1	0.01	5.1	4
VI 1	4 08	11 48	19 27	121	4 27.6	19 17	12.2	0.00	5.4	-3
5	3 51	11 25	18 57	119	4 19.7	18 03	12.0	0.03	4.1	-9
9	3 35	11 04	18 33	118	4 14.7	17 13	11.4	0.07	3.0	-14
13	3 20	10 48	18 16	118	4 13.8	16 55	10.6	0.13	2.1	-18
17	3 07	10 37	18 07	118	4 17.6	17 07	9.7	0.20	1.5	-20
21	2 56	10 30	18 05	119	4 26.1	17 47	8.8	0.28	0.9	-22
25	2 48	10 28	18 09	121	4 39.3	18 46	8.0	0.37	0.5	-22
VI 29	2 43	10 31	18 19	123	4 57.2	19 58	7.3	0.47	0.1	-22

MERKURY (c.d.)

M d 2015	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	°
VII 3	2 42	10 38	18 35	126	5 19.6	21 13	6.7	0.58	-0.3	-20
7	2 46	10 50	18 54	127	5 46.6	22 21	6.1	0.69	-0.7	-18
11	2 57	11 05	19 15	129	6 17.8	23 09	5.7	0.81	-1.0	-14
15	3 14	11 25	19 35	129	6 52.4	23 25	5.4	0.91	-1.4	-10
19	3 38	11 46	19 52	128	7 28.9	23 01	5.2	0.97	-1.7	-6
23	4 06	12 06	20 05	126	8 05.6	21 53	5.0	1.00	-2.1	-2
27	4 37	12 26	20 12	122	8 40.8	20 08	5.0	0.99	-1.7	4
31	5 07	12 43	20 15	118	9 13.7	17 54	5.0	0.96	-1.3	8
VIII 4	5 36	12 57	20 15	114	9 43.9	15 21	5.1	0.92	-0.9	12
8	6 03	13 08	20 11	110	10 11.6	12 35	5.2	0.88	-0.6	15
12	6 27	13 18	20 06	105	10 37.0	9 44	5.4	0.83	-0.4	18
16	6 49	13 25	19 59	100	11 00.3	6 52	5.6	0.79	-0.2	21
20	7 08	13 30	19 51	96	11 21.8	4 01	5.8	0.75	-0.1	23
24	7 25	13 34	19 41	92	11 41.5	1 16	6.1	0.70	0.0	25
28	7 40	13 36	19 31	88	11 59.5	- 1 20	6.4	0.65	0.1	26
IX 1	7 52	13 36	19 20	84	12 15.7	- 3 46	6.8	0.60	0.2	27
5	8 00	13 34	19 07	81	12 29.7	- 5 56	7.2	0.54	0.3	27
9	8 04	13 29	18 54	78	12 41.1	- 7 45	7.7	0.47	0.4	27
13	8 02	13 21	18 39	76	12 49.0	- 9 07	8.3	0.39	0.5	25
17	7 53	13 08	18 23	75	12 52.5	- 9 50	8.9	0.29	0.9	22
21	7 33	12 49	18 05	76	12 50.3	- 9 42	9.6	0.18	1.5	18
25	7 02	12 24	17 47	78	12 41.7	- 8 30	10.1	0.08	2.6	12
29	6 22	11 55	17 29	82	12 28.2	- 6 13	10.3	0.01	4.5	4
X 3	5 39	11 25	17 13	86	12 14.0	- 3 22	10.0	0.02	4.1	-5
7	5 03	11 01	17 01	90	12 05.0	- 0 55	9.1	0.12	1.8	-12
11	4 42	10 47	16 52	91	12 05.2	0 19	8.1	0.29	0.4	-16
15	4 38	10 42	16 45	91	12 14.8	0 07	7.2	0.49	-0.4	-18
19	4 46	10 43	16 39	88	12 31.4	- 1 15	6.4	0.66	-0.7	-18
23	5 01	10 49	16 34	85	12 52.3	- 3 23	5.8	0.79	-0.9	-16
27	5 21	10 56	16 30	81	13 15.4	- 5 55	5.4	0.88	-0.9	-14
31	5 43	11 05	16 25	77	13 39.6	- 8 36	5.2	0.93	-1.0	-11
XI 4	6 05	11 14	16 21	72	14 04.2	- 11 16	4.9	0.97	-1.0	-9
8	6 28	11 23	16 17	68	14 29.1	- 13 50	4.8	0.99	-1.1	-6
12	6 50	11 32	16 13	64	14 54.3	- 16 14	4.7	1.00	-1.2	-3
16	7 12	11 42	16 11	61	15 19.7	- 18 25	4.7	1.00	-1.3	-1
20	7 33	11 52	16 10	58	15 45.4	- 20 22	4.6	1.00	-1.2	1
24	7 54	12 02	16 10	55	16 11.5	- 22 02	4.6	1.00	-1.0	4
28	8 13	12 13	16 12	52	16 38.0	- 23 25	4.7	0.99	-0.8	6
XII 2	8 31	12 24	16 17	50	17 04.8	- 24 29	4.7	0.98	-0.7	8
6	8 47	12 36	16 24	49	17 32.0	- 25 13	4.8	0.96	-0.7	10
10	9 01	12 47	16 33	49	17 59.3	- 25 35	5.0	0.94	-0.6	12
14	9 12	12 59	16 45	49	18 26.5	- 25 33	5.2	0.91	-0.6	14
18	9 20	13 09	16 59	50	18 53.1	- 25 09	5.4	0.86	-0.6	16
22	9 24	13 19	17 14	51	19 18.4	- 24 20	5.8	0.80	-0.6	18
26	9 23	13 25	17 29	54	19 41.2	- 23 11	6.3	0.70	-0.6	19
30	9 16	13 27	17 39	56	19 59.7	- 21 47	6.9	0.57	-0.5	20
2016 I 3	9 02	13 21	17 42	59	20 10.9	- 20 20	7.7	0.40	-0.1	18