

MERKURY

M d 2010	Wsch.	Kulm.	Zach.	A	α	δ	D	F	V	ΔI
	$\lambda=0$		$\varphi=50$		0 ^h UT					
	h m	h m	h m	°	h m	° ' "	"		m	°
I 0	8 27	12 43	17 00	58	19 25.4	- 20 40	9.4	0.10	2.1	11
4	7 47	12 07	16 26	59	19 05.6	- 20 03	10.0	0.01	4.6	3
8	7 09	11 29	15 50	59	18 43.2	- 19 50	9.9	0.05	3.1	-8
12	6 40	11 00	15 20	59	18 28.0	- 19 59	9.3	0.18	1.3	-15
16	6 23	10 41	14 59	58	18 23.7	- 20 25	8.5	0.32	0.5	-20
20	6 16	10 31	14 46	57	18 28.8	- 20 58	7.7	0.45	0.1	-23
24	6 15	10 28	14 40	56	18 40.6	- 21 29	7.1	0.56	-0.1	-24
28	6 18	10 29	14 39	55	18 57.1	- 21 50	6.6	0.64	-0.1	-25
II 1	6 23	10 33	14 43	55	19 16.6	- 21 57	6.2	0.71	-0.1	-24
5	6 28	10 39	14 50	56	19 38.3	- 21 47	5.9	0.76	-0.1	-23
9	6 32	10 46	15 01	57	20 01.4	- 21 19	5.6	0.80	-0.2	-22
13	6 36	10 55	15 14	58	20 25.5	- 20 30	5.4	0.84	-0.2	-20
17	6 38	11 04	15 31	60	20 50.3	- 19 22	5.3	0.87	-0.3	-19
21	6 39	11 14	15 49	63	21 15.7	- 17 52	5.1	0.90	-0.4	-16
25	6 39	11 24	16 10	66	21 41.5	- 16 01	5.0	0.92	-0.5	-14
III 1	6 37	11 34	16 33	70	22 07.8	- 13 49	4.9	0.95	-0.7	-11
5	6 35	11 45	16 57	74	22 34.4	- 11 16	4.9	0.97	-1.0	-9
9	6 32	11 57	17 23	78	23 01.4	- 8 23	4.9	0.99	-1.3	-5
13	6 28	12 08	17 51	84	23 29.0	- 5 10	4.9	1.00	-1.7	-2
17	6 23	36 21	18 20	89	23 57.1	- 1 41	5.0	1.00	-1.8	3
21	6 18	12 34	18 51	95	0 25.5	2 02	5.2	0.97	-1.6	6
25	6 13	12 46	19 22	101	0 53.8	5 48	5.4	0.91	-1.4	10
29	6 06	12 57	19 51	107	1 21.1	9 26	5.8	0.81	-1.1	14
IV 2	5 59	13 06	20 16	112	1 46.0	12 40	6.3	0.67	-0.8	17
6	5 50	13 11	20 34	116	2 07.2	15 18	7.0	0.51	-0.4	19
10	5 40	13 10	20 42	119	2 23.2	17 11	7.9	0.36	0.2	19
14	5 28	13 04	20 40	120	2 33.2	18 14	8.9	0.23	1.0	18
18	5 15	12 51	20 27	120	2 37.0	18 26	9.9	0.13	2.0	15
22	5 00	12 32	20 03	119	2 34.8	17 46	10.8	0.05	3.3	10
26	4 46	12 10	19 32	116	2 28.2	16 24	11.6	0.01	4.9	5
30	4 32	11 45	18 57	113	2 19.5	14 34	11.9	0.00	5.6	-2
V 4	4 18	11 22	18 24	110	2 11.5	12 40	11.9	0.03	4.0	-8
8	4 05	11 01	17 57	108	2 06.4	11 05	11.5	0.08	2.9	-14
12	3 54	10 45	17 36	106	2 05.3	10 05	10.8	0.14	2.0	-19
16	3 43	10 33	17 23	106	2 08.5	9 44	10.1	0.21	1.5	-22
20	3 33	10 25	17 17	107	2 15.9	10 00	9.3	0.28	1.0	-24
24	3 24	10 21	17 18	108	2 27.1	10 50	8.6	0.35	0.7	-25
28	3 17	10 20	17 24	110	2 41.7	12 06	7.9	0.42	0.4	-25
VI 1	3 10	10 22	17 36	113	2 59.5	13 44	7.3	0.50	0.2	-24
5	3 05	10 28	17 52	116	3 20.5	15 37	6.7	0.58	-0.1	-23
9	3 03	10 37	18 13	120	3 44.8	17 38	6.3	0.66	-0.4	-20
13	3 03	10 49	18 38	123	4 12.5	19 40	5.8	0.76	-0.7	-17
17	3 07	11 05	19 06	126	4 43.9	21 34	5.5	0.85	-1.1	-13
21	3 16	11 25	19 35	129	5 18.5	23 08	5.3	0.93	-1.4	-9
25	3 30	11 46	20 03	131	5 55.8	24 10	5.1	0.98	-1.9	-4
VI 29	3 51	12 09	20 27	131	6 34.2	24 30	5.1	1.00	-2.2	-1

MERKURY (c.d.)

M d 2010	Wsch.	Kulm.	Zach.	A	α	δ	D	F	V	ΔI
	$\lambda=0$		$\varphi=50$		0 ^h UT					
VII 3	4 16	12 31	20 45	130	7 12.0	24 05	5.1	0.98	-1.7	6
7	4 44	12 51	20 56	128	7 47.9	23 00	5.2	0.93	-1.2	10
11	5 12	13 08	21 02	125	8 20.9	21 23	5.3	0.87	-0.8	14
15	5 38	13 22	21 03	121	8 51.0	19 22	5.5	0.81	-0.5	17
19	6 03	13 33	21 01	117	9 18.1	17 06	5.8	0.75	-0.3	20
23	6 25	13 41	20 55	113	9 42.4	14 41	6.1	0.70	-0.1	23
27	6 44	13 46	20 47	109	10 04.1	12 12	6.4	0.64	0.0	25
31	6 59	13 49	20 38	105	10 23.2	9 45	6.8	0.59	0.2	26
VIII 4	7 12	13 50	20 26	101	10 39.6	7 23	7.2	0.53	0.3	27
8	7 20	13 47	20 13	98	10 53.4	5 11	7.7	0.47	0.4	27
12	7 24	13 42	19 59	95	11 04.0	3 16	8.2	0.40	0.6	27
16	7 22	13 32	19 42	93	11 10.9	1 44	8.9	0.33	0.8	25
20	7 13	13 18	19 24	92	11 13.5	0 45	9.5	0.25	1.2	22
24	6 55	13 00	19 04	91	11 11.1	0 29	10.1	0.16	1.8	18
28	6 28	12 36	18 44	93	11 03.6	1 05	10.6	0.08	2.8	13
IX 1	5 54	12 08	18 24	95	10 51.9	2 35	10.7	0.02	4.2	6
5	5 15	11 40	18 06	99	10 39.0	4 42	10.5	0.01	4.6	-5
9	4 40	11 15	17 52	102	10 29.5	6 53	9.7	0.07	2.8	-10
13	4 14	10 58	17 43	104	10 27.1	8 31	8.7	0.19	1.2	-15
17	4 02	10 50	17 37	105	10 33.6	9 09	7.7	0.36	0.1	-17
21	4 04	10 50	17 34	104	10 48.3	8 40	6.8	0.54	-0.5	-18
25	4 17	10 55	17 32	101	11 09.0	7 10	6.2	0.71	-0.9	-16
29	4 37	11 04	17 29	98	11 33.2	4 54	5.7	0.83	-1.1	-14
X 3	5 00	11 14	17 26	93	11 58.9	2 10	5.3	0.92	-1.2	-11
7	5 24	11 24	17 22	89	12 24.8	- 0 48	5.0	0.96	-1.3	-8
11	5 49	11 34	17 17	84	12 50.5	- 3 51	4.9	0.99	-1.3	-5
15	6 13	11 43	17 12	79	13 15.8	- 6 50	4.8	1.00	-1.4	-2
19	6 36	11 52	17 07	75	13 40.7	- 9 43	4.7	1.00	-1.4	-2
23	6 59	12 01	17 02	70	14 05.3	- 12 27	4.7	0.99	-1.1	4
27	7 21	12 10	16 57	66	14 29.8	- 15 00	4.7	0.98	-0.9	6
31	7 43	12 19	16 54	62	14 54.3	- 17 20	4.7	0.97	-0.7	9
XI 4	8 03	12 28	16 51	59	15 18.9	- 19 26	4.8	0.96	-0.6	11
8	8 24	12 37	16 49	56	15 43.7	- 21 17	4.9	0.94	-0.5	13
12	8 42	12 46	16 48	53	16 08.6	- 22 51	5.0	0.91	-0.4	15
16	9 00	12 55	16 50	51	16 33.5	- 24 07	5.2	0.88	-0.4	17
20	9 15	13 04	16 52	49	16 58.2	- 25 03	5.4	0.84	-0.4	19
24	9 27	13 12	16 57	48	17 22.2	- 25 39	5.8	0.79	-0.4	20
28	9 35	13 18	17 02	48	17 44.8	- 25 51	6.2	0.72	-0.4	21
XII 2	9 37	13 22	17 07	49	18 04.5	- 25 42	6.7	0.62	-0.4	21
6	9 31	13 20	17 09	50	18 19.3	- 25 10	7.4	0.49	-0.2	21
10	9 15	13 09	17 04	51	18 26.0	- 24 20	8.2	0.32	0.3	18
14	8 46	12 47	16 48	53	18 20.9	- 23 16	9.1	0.14	1.5	13
18	8 05	12 13	16 21	56	18 03.5	- 22 01	9.8	0.02	3.9	5
22	7 19	11 34	15 50	57	17 40.3	- 20 51	9.9	0.02	3.8	-5
26	6 42	11 02	15 22	59	17 22.5	- 20 07	9.3	0.14	1.6	-13
30	6 21	10 41	15 01	59	17 15.9	- 20 02	8.5	0.30	0.5	-19
2011 I 3	6 12	10 30	14 47	58	17 19.8	- 20 30	7.6	0.45	-0.0	-22