

NEPTUN

M d 2016	Wsch.	Kulm.	Zach.	A	α	δ	D	V	ΔI
	$\lambda=0^\circ$	$\varphi=50^\circ$			0^hUT				
	h m	h m	h m	\pm°	h m	$^\circ \quad ' \quad ''$		m	$^\circ$
I 0	10 42	15 59	21 16	76	22 38.0	- 9 29	2.2	7.9	59
8	10 11	15 28	20 46	76	22 38.8	- 9 24	2.2	7.9	51
16	9 40	14 58	20 15	76	22 39.6	- 9 19	2.2	7.9	43
24	9 09	14 27	19 45	76	22 40.6	- 9 14	2.2	8.0	35
II 1	8 38	13 57	19 15	76	22 41.6	- 9 08	2.2	8.0	27
9	8 07	13 26	18 46	77	22 42.7	- 9 01	2.2	8.0	19
17	7 36	12 56	18 16	77	22 43.8	- 8 55	2.2	8.0	11
25	7 05	12 26	17 46	77	22 44.9	- 8 48	2.2	8.0	4
III 4	6 35	11 55	17 16	77	22 46.0	- 8 41	2.2	8.0	-4
12	6 04	11 25	16 46	77	22 47.2	- 8 34	2.2	8.0	-12
20	5 33	10 55	16 17	77	22 48.3	- 8 28	2.2	8.0	-20
28	5 02	10 24	15 47	78	22 49.3	- 8 21	2.2	8.0	-27
IV 5	4 31	9 54	15 17	78	22 50.3	- 8 15	2.2	8.0	-35
13	4 00	9 23	14 47	78	22 51.3	- 8 10	2.2	7.9	-42
21	3 29	8 53	14 17	78	22 52.1	- 8 05	2.2	7.9	-50
29	2 58	8 22	13 46	78	22 52.9	- 8 01	2.2	7.9	-58
V 7	2 27	7 51	13 16	78	22 53.6	- 7 57	2.2	7.9	-65
15	1 56	7 20	12 45	78	22 54.1	- 7 54	2.2	7.9	-73
23	1 24	6 49	12 14	78	22 54.5	- 7 52	2.2	7.9	-80
31	0 53	6 18	11 43	78	22 54.8	- 7 50	2.2	7.9	-88
VI 8	0 22	5 47	11 12	78	22 55.0	- 7 49	2.2	7.9	-96
16	23 46	5 15	10 40	78	22 55.0	- 7 49	2.3	7.9	-103
24	23 15	4 44	10 09	78	22 55.0	- 7 50	2.3	7.9	-111
VII 2	22 43	4 12	9 37	78	22 54.7	- 7 52	2.3	7.9	-119
10	22 12	3 40	9 05	78	22 54.4	- 7 54	2.3	7.8	-126
18	21 40	3 08	8 33	78	22 54.0	- 7 57	2.3	7.8	-134
26	21 08	2 36	8 01	78	22 53.4	- 8 01	2.3	7.8	-142
VIII 3	20 37	2 04	7 28	78	22 52.8	- 8 05	2.3	7.8	-150
11	20 05	1 32	6 56	78	22 52.1	- 8 10	2.3	7.8	-158
19	19 33	1 00	6 23	78	22 51.3	- 8 14	2.3	7.8	-165
27	19 01	0 28	5 50	78	22 50.5	- 8 19	2.3	7.8	-173
IX 4	18 29	23 51	5 18	78	22 49.7	- 8 24	2.3	7.8	178
12	17 58	23 19	4 45	77	22 48.9	- 8 29	2.3	7.8	171
20	17 26	22 47	4 12	77	22 48.1	- 8 34	2.3	7.8	163
28	16 54	22 15	3 40	77	22 47.3	- 8 39	2.3	7.8	155
X 6	16 22	21 43	3 07	77	22 46.6	- 8 43	2.3	7.8	147
14	15 50	21 11	2 35	77	22 46.0	- 8 47	2.3	7.8	139
22	15 19	20 39	2 03	77	22 45.5	- 8 50	2.3	7.8	130
30	14 47	20 07	1 31	77	22 45.1	- 8 52	2.3	7.9	122
XI 7	14 15	19 35	0 59	77	22 44.8	- 8 54	2.3	7.9	114
15	13 44	19 03	0 27	77	22 44.6	- 8 54	2.3	7.9	106
23	13 12	18 32	23 52	77	22 44.6	- 8 54	2.2	7.9	98
XII 1	12 41	18 01	23 20	77	22 44.7	- 8 53	2.2	7.9	90
9	12 10	17 29	22 49	77	22 45.0	- 8 52	2.2	7.9	82
17	11 38	16 58	22 19	77	22 45.4	- 8 49	2.2	7.9	74
25	11 07	16 27	21 48	77	22 45.9	- 8 46	2.2	7.9	66
2017 I 2	10 36	15 57	21 17	77	22 46.5	- 8 42	2.2	7.9	58