

NEPTUN

M d 2018	Wsch.	Kulm.	Zach.	A	α	δ	D	V	ΔI
	$\lambda=0^\circ$	$\varphi=50^\circ$			$0^h UT$				
	h m	h m	h m	\pm°	h m	$^\circ \quad ' \quad ''$	"	m	$^\circ$
I 0	10 49	16 14	21 38	78	22 54.6	- 7 57	2.2	7.9	62
8	10 18	15 43	21 08	78	22 55.3	- 7 53	2.2	7.9	54
16	9 47	15 12	20 37	79	22 56.0	- 7 48	2.2	7.9	46
24	9 16	14 42	20 07	79	22 56.9	- 7 42	2.2	7.9	39
II 1	8 45	14 11	19 37	79	22 57.9	- 7 36	2.2	8.0	31
9	8 14	13 41	19 07	79	22 58.9	- 7 30	2.2	8.0	23
17	7 43	13 10	18 37	79	23 00.0	- 7 23	2.2	8.0	15
25	7 12	12 40	18 08	79	23 01.1	- 7 16	2.2	8.0	7
III 5	6 41	12 10	17 38	80	23 02.3	- 7 09	2.2	8.0	-1
13	6 10	11 39	17 08	80	23 03.4	- 7 02	2.2	8.0	-8
21	5 39	11 09	16 38	80	23 04.5	- 6 55	2.2	8.0	-16
29	5 08	10 38	16 09	80	23 05.6	- 6 49	2.2	8.0	-23
IV 6	4 38	10 08	15 39	80	23 06.6	- 6 42	2.2	8.0	-31
14	4 07	9 38	15 09	80	23 07.6	- 6 37	2.2	7.9	-39
22	3 36	9 07	14 38	81	23 08.5	- 6 31	2.2	7.9	-46
30	3 05	8 36	14 08	81	23 09.3	- 6 26	2.2	7.9	-54
V 8	2 33	8 06	13 38	81	23 10.0	- 6 22	2.2	7.9	-61
16	2 02	7 35	13 07	81	23 10.6	- 6 19	2.2	7.9	-69
24	1 31	7 04	12 36	81	23 11.1	- 6 16	2.2	7.9	-76
VI 1	1 00	6 33	12 05	81	23 11.4	- 6 14	2.2	7.9	-84
9	0 29	6 01	11 34	81	23 11.7	- 6 13	2.2	7.9	-92
17	23 53	5 30	11 03	81	23 11.8	- 6 13	2.3	7.9	-99
25	23 22	4 59	10 31	81	23 11.8	- 6 13	2.3	7.9	-107
VII 3	22 50	4 27	10 00	81	23 11.6	- 6 15	2.3	7.9	-115
11	22 19	3 55	9 28	81	23 11.3	- 6 17	2.3	7.9	-122
19	21 47	3 23	8 56	81	23 10.9	- 6 19	2.3	7.8	-130
27	21 15	2 51	8 23	81	23 10.5	- 6 23	2.3	7.8	-138
VIII 4	20 44	2 19	7 51	81	23 09.9	- 6 27	2.3	7.8	-146
12	20 12	1 47	7 19	81	23 09.2	- 6 31	2.3	7.8	-153
20	19 40	1 15	6 46	80	23 08.5	- 6 36	2.3	7.8	-161
28	19 08	0 43	6 13	80	23 07.7	- 6 41	2.3	7.8	-169
IX 5	18 37	0 11	5 41	80	23 06.9	- 6 46	2.3	7.8	-177
13	18 05	23 34	5 08	80	23 06.1	- 6 51	2.3	7.8	175
21	17 33	23 02	4 35	80	23 05.3	- 6 56	2.3	7.8	167
29	17 01	22 30	4 03	80	23 04.5	- 7 01	2.3	7.8	159
X 7	16 29	21 58	3 30	80	23 03.8	- 7 06	2.3	7.8	151
15	15 57	21 26	2 58	80	23 03.1	- 7 10	2.3	7.8	143
23	15 26	20 54	2 26	79	23 02.6	- 7 13	2.3	7.8	134
31	14 54	20 22	1 53	79	23 02.1	- 7 16	2.3	7.8	126
XI 8	14 22	19 50	1 21	79	23 01.7	- 7 18	2.3	7.9	118
16	13 51	19 18	0 50	79	23 01.5	- 7 19	2.3	7.9	110
24	13 19	18 47	0 18	79	23 01.4	- 7 19	2.3	7.9	102
XII 2	12 48	18 15	23 43	79	23 01.5	- 7 19	2.2	7.9	94
10	12 16	17 44	23 12	79	23 01.7	- 7 17	2.2	7.9	86
18	11 45	17 13	22 41	79	23 02.0	- 7 15	2.2	7.9	78
26	11 14	16 42	22 10	79	23 02.4	- 7 12	2.2	7.9	70
2019 I 3	10 43	16 11	21 39	80	23 03.0	- 7 08	2.2	7.9	62