

NEPTUN

M d 2021	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	11 01	16 37	22 13	82	23 19.2	- 5 34	2.2	7.9	69
8	10 30	16 06	21 43	82	23 19.8	- 5 30	2.2	7.9	61
16	9 59	15 35	21 12	82	23 20.5	- 5 25	2.2	7.9	53
24	9 28	15 05	20 42	82	23 21.3	- 5 20	2.2	7.9	45
II 1	8 57	14 34	20 12	83	23 22.2	- 5 14	2.2	7.9	37
9	8 26	14 04	19 42	83	23 23.2	- 5 08	2.2	8.0	29
17	7 55	13 33	19 12	83	23 24.2	- 5 01	2.2	8.0	21
25	7 24	13 03	18 42	83	23 25.3	- 4 54	2.2	8.0	14
III 5	6 53	12 33	18 12	83	23 26.4	- 4 47	2.2	8.0	6
13	6 22	12 02	17 43	83	23 27.5	- 4 40	2.2	8.0	-2
21	5 51	11 32	17 13	84	23 28.7	- 4 33	2.2	8.0	-10
29	5 20	11 02	16 43	84	23 29.8	- 4 26	2.2	8.0	-17
IV 6	4 49	10 31	16 13	84	23 30.8	- 4 19	2.2	8.0	-25
14	4 18	10 01	15 43	84	23 31.8	- 4 13	2.2	8.0	-32
22	3 47	9 30	15 13	84	23 32.8	- 4 07	2.2	7.9	-40
30	3 16	9 00	14 43	84	23 33.7	- 4 02	2.2	7.9	-48
V 8	2 45	8 29	14 13	85	23 34.4	- 3 57	2.2	7.9	-55
16	2 14	7 58	13 42	85	23 35.1	- 3 53	2.2	7.9	-63
24	1 43	7 27	13 12	85	23 35.7	- 3 50	2.2	7.9	-70
VI 1	1 12	6 56	12 41	85	23 36.2	- 3 47	2.2	7.9	-78
9	0 40	6 25	12 10	85	23 36.5	- 3 45	2.2	7.9	-85
17	0 09	5 54	11 39	85	23 36.7	- 3 44	2.2	7.9	-93
25	23 34	5 23	11 07	85	23 36.8	- 3 44	2.3	7.9	-100
VII 3	23 02	4 51	10 36	85	23 36.8	- 3 45	2.3	7.9	-108
11	22 31	4 19	10 04	85	23 36.6	- 3 46	2.3	7.9	-116
19	21 59	3 48	9 32	85	23 36.3	- 3 48	2.3	7.8	-124
27	21 28	3 16	9 00	85	23 35.9	- 3 51	2.3	7.8	-131
VIII 4	20 56	2 44	8 28	85	23 35.4	- 3 55	2.3	7.8	-139
12	20 24	2 12	7 55	84	23 34.8	- 3 59	2.3	7.8	-147
20	19 52	1 40	7 23	84	23 34.1	- 4 04	2.3	7.8	-155
28	19 21	1 07	6 50	84	23 33.4	- 4 09	2.3	7.8	-163
IX 5	18 49	0 35	6 18	84	23 32.6	- 4 14	2.3	7.8	-171
13	18 17	0 03	5 45	84	23 31.8	- 4 19	2.3	7.8	-178
21	17 45	23 27	5 12	84	23 31.0	- 4 24	2.3	7.8	173
29	17 13	22 54	4 40	84	23 30.2	- 4 29	2.3	7.8	165
X 7	16 42	22 22	4 07	84	23 29.4	- 4 34	2.3	7.8	157
15	16 10	21 50	3 34	83	23 28.7	- 4 39	2.3	7.8	149
23	15 38	21 18	3 02	83	23 28.1	- 4 43	2.3	7.8	141
31	15 06	20 46	2 30	83	23 27.6	- 4 46	2.3	7.8	133
XI 8	14 35	20 14	1 58	83	23 27.1	- 4 49	2.3	7.8	125
16	14 03	19 42	1 26	83	23 26.8	- 4 50	2.3	7.9	117
24	13 31	19 11	0 54	83	23 26.6	- 4 51	2.3	7.9	108
XII 2	13 00	18 39	0 23	83	23 26.5	- 4 52	2.3	7.9	100
10	12 28	18 08	23 47	83	23 26.6	- 4 51	2.2	7.9	92
18	11 57	17 37	23 16	83	23 26.8	- 4 49	2.2	7.9	84
26	11 26	17 06	22 45	83	23 27.2	- 4 47	2.2	7.9	76
2022 I 3	10 55	16 35	22 15	83	23 27.6	- 4 44	2.2	7.9	68