

JOWISZ

M d 2021	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	$^\circ$ ' "	"	m	$^\circ$
I 0	9 18	13 39	17 59	59	20 19.8	- 20 04	32.9	-2.0	23
8	8 52	13 15	17 38	59	20 27.4	- 19 39	32.7	-1.9	16
16	8 25	12 51	17 17	60	20 35.1	- 19 12	32.5	-1.9	10
24	7 59	12 27	16 56	61	20 42.9	- 18 43	32.4	-1.9	4
II 1	7 32	12 03	16 35	62	20 50.6	- 18 14	32.4	-2.0	-2
9	7 06	11 40	16 14	63	20 58.3	- 17 43	32.5	-2.0	-9
17	6 39	11 16	15 53	63	21 05.9	- 17 12	32.7	-2.0	-15
25	6 12	10 52	15 32	64	21 13.3	- 16 40	32.9	-2.0	-21
III 5	5 45	10 27	15 10	65	21 20.6	- 16 08	33.2	-2.0	-27
13	5 17	10 03	14 49	66	21 27.6	- 15 37	33.5	-2.0	-33
21	4 50	9 38	14 27	67	21 34.4	- 15 05	34.0	-2.0	-40
29	4 22	9 13	14 04	68	21 40.8	- 14 35	34.5	-2.1	-46
IV 6	3 54	8 48	13 41	69	21 46.9	- 14 05	35.1	-2.1	-52
14	3 26	8 22	13 18	69	21 52.6	- 13 37	35.7	-2.1	-59
22	2 57	7 56	12 54	70	21 57.8	- 13 11	36.5	-2.2	-65
30	2 29	7 29	12 29	71	22 02.6	- 12 48	37.3	-2.2	-72
V 8	2 00	7 02	12 04	71	22 06.8	- 12 27	38.1	-2.3	-78
16	1 30	6 34	11 37	72	22 10.4	- 12 09	39.1	-2.3	-85
24	1 00	6 05	11 10	72	22 13.3	- 11 54	40.1	-2.4	-92
VI 1	0 30	5 36	10 42	72	22 15.6	- 11 44	41.1	-2.4	-99
9	23 56	5 06	10 12	72	22 17.2	- 11 37	42.2	-2.5	-106
17	23 25	4 35	9 42	73	22 18.0	- 11 35	43.3	-2.5	-114
25	22 54	4 04	9 10	72	22 18.0	- 11 37	44.4	-2.6	-122
VII 3	22 22	3 32	8 37	72	22 17.2	- 11 44	45.5	-2.7	-129
11	21 50	2 59	8 03	72	22 15.7	- 11 55	46.4	-2.7	-137
19	21 18	2 25	7 28	72	22 13.5	- 12 10	47.3	-2.8	-146
27	20 45	1 51	6 52	71	22 10.6	- 12 28	48.0	-2.8	-154
VIII 4	20 12	1 16	6 16	71	22 07.2	- 12 48	48.6	-2.8	-163
12	19 38	0 41	5 39	70	22 03.4	- 13 10	48.9	-2.9	-171
20	19 05	0 05	5 01	69	21 59.4	- 13 33	49.1	-2.9	-179
28	18 31	23 25	4 24	69	21 55.4	- 13 55	48.9	-2.9	171
IX 5	17 58	22 50	3 47	68	21 51.5	- 14 15	48.6	-2.8	162
13	17 24	22 15	3 10	68	21 48.0	- 14 33	48.1	-2.8	154
21	16 51	21 41	2 35	67	21 45.1	- 14 48	47.3	-2.8	145
29	16 19	21 07	2 00	67	21 42.7	- 14 59	46.5	-2.7	137
X 7	15 46	20 34	1 26	67	21 41.2	- 15 06	45.5	-2.7	129
15	15 14	20 02	0 54	67	21 40.4	- 15 09	44.4	-2.6	120
23	14 43	19 31	0 22	67	21 40.4	- 15 08	43.3	-2.6	113
31	14 12	19 00	23 49	67	21 41.3	- 15 02	42.3	-2.5	105
XI 8	13 41	18 31	23 20	67	21 43.0	- 14 52	41.2	-2.4	97
16	13 11	18 02	22 52	68	21 45.5	- 14 39	40.1	-2.4	90
24	12 41	17 33	22 26	68	21 48.7	- 14 21	39.1	-2.3	83
XII 2	12 12	17 06	22 00	69	21 52.6	- 14 00	38.2	-2.3	76
10	11 43	16 39	21 35	69	21 57.0	- 13 35	37.3	-2.2	69
18	11 14	16 13	21 11	70	22 02.0	- 13 08	36.6	-2.2	62
26	10 45	15 47	20 48	71	22 07.5	- 12 37	35.8	-2.2	55
2022 I 3	10 17	15 21	20 25	72	22 13.4	- 12 04	35.2	-2.1	48