

### JOWISZ

M d 2014	Wsch.	Kulm.	Zach.	A	$\alpha$	$\delta$	D	V	$\Delta I$
	$\lambda=0^\circ$		$\varphi=50^\circ$		0 <sup>h</sup> UT				
	h m	h m	h m	$\pm^\circ$	h m	$^\circ$ ' "	m	$^\circ$	
I 0	16 26	0 32	8 34	128	7 10.6	22 34	46.7	-2.7	-173
8	15 49	23 52	7 59	128	7 05.9	22 43	46.7	-2.7	178
16	15 12	23 16	7 24	128	7 01.4	22 51	46.5	-2.7	168
24	14 36	22 40	6 49	128	6 57.1	22 58	46.1	-2.6	159
II 1	14 00	22 05	6 14	128	6 53.2	23 04	45.5	-2.6	150
9	13 25	21 30	5 40	129	6 50.1	23 09	44.7	-2.6	141
17	12 50	20 56	5 07	129	6 47.7	23 12	43.9	-2.5	133
25	12 17	20 24	4 34	129	6 46.2	23 15	42.9	-2.5	124
III 5	11 45	19 52	4 02	129	6 45.5	23 16	41.9	-2.4	116
13	11 14	19 21	3 31	129	6 45.8	23 16	40.8	-2.3	108
21	10 44	18 50	3 01	129	6 47.0	23 15	39.8	-2.3	100
29	10 15	18 21	2 31	129	6 49.0	23 14	38.8	-2.2	93
IV 6	9 46	17 52	2 02	129	6 51.9	23 11	37.8	-2.2	86
14	9 19	17 25	1 34	128	6 55.4	23 07	36.9	-2.1	79
22	8 52	16 57	1 06	128	6 59.7	23 01	36.1	-2.1	72
30	8 26	16 31	0 38	128	7 04.5	22 55	35.3	-2.0	65
V 8	8 01	16 05	0 11	128	7 09.8	22 47	34.6	-2.0	59
16	7 37	15 39	23 41	128	7 15.6	22 37	34.0	-1.9	52
24	7 13	15 14	23 15	127	7 21.8	22 26	33.4	-1.9	46
VI 1	6 49	14 49	22 49	127	7 28.3	22 13	32.9	-1.9	40
9	6 26	14 24	22 22	126	7 35.1	21 59	32.5	-1.9	34
17	6 03	14 00	21 56	126	7 42.2	21 43	32.1	-1.8	28
25	5 41	13 35	21 30	125	7 49.3	21 25	31.8	-1.8	22
VII 3	5 18	13 11	21 04	125	7 56.7	21 06	31.6	-1.8	16
11	4 56	12 47	20 38	124	8 04.0	20 46	31.5	-1.8	10
19	4 35	12 23	20 11	124	8 11.4	20 24	31.4	-1.8	4
27	4 13	11 59	19 45	123	8 18.8	20 01	31.3	-1.8	-2
VIII 4	3 51	11 35	19 18	122	8 26.2	19 37	31.4	-1.8	-7
12	3 29	11 11	18 52	122	8 33.5	19 13	31.5	-1.8	-13
20	3 07	10 46	18 25	121	8 40.6	18 47	31.7	-1.8	-19
28	2 45	10 22	17 58	120	8 47.6	18 21	31.9	-1.8	-25
IX 5	2 23	9 57	17 30	119	8 54.3	17 55	32.2	-1.8	-31
13	2 01	9 32	17 03	119	9 00.8	17 30	32.6	-1.8	-38
21	1 38	9 07	16 35	118	9 07.0	17 04	33.0	-1.9	-44
29	1 14	8 41	16 07	117	9 12.8	16 40	33.5	-1.9	-50
X 7	0 50	8 15	15 39	117	9 18.2	16 17	34.1	-1.9	-57
15	0 26	7 48	15 11	116	9 23.2	15 55	34.7	-2.0	-63
23	0 01	7 21	14 42	115	9 27.7	15 35	35.5	-2.0	-70
31	23 31	6 54	14 13	115	9 31.6	15 18	36.2	-2.1	-77
XI 8	23 05	6 26	13 43	115	9 34.9	15 04	37.1	-2.1	-84
16	22 37	5 57	13 13	114	9 37.6	14 53	38.0	-2.1	-92
24	22 08	5 27	12 43	114	9 39.5	14 45	38.9	-2.2	-99
XII 2	21 37	4 57	12 12	114	9 40.6	14 41	39.9	-2.3	-107
10	21 06	4 26	11 41	114	9 40.9	14 42	40.9	-2.3	-115
18	20 34	3 54	11 10	114	9 40.4	14 46	41.8	-2.4	-123
26	20 00	3 21	10 38	114	9 39.2	14 55	42.7	-2.4	-132
2015 I 3	19 25	2 47	10 05	115	9 37.1	15 07	43.5	-2.5	-141