

### JOWISZ

M 2011	d	Wsch.	Kulm.	Zach.	A	$\alpha$	$\delta$	D	V	$\Delta I$
		$\lambda=0^\circ$	$\varphi=50^\circ$			0 <sup>n</sup> UT				
		h m	h m	h m	$\pm^\circ$	h m	° ' "	"	m	°
I	0	11 19	17 09	23 00	87	23 48.9	- 2 35	38.8	-2.3	77
	8	10 49	16 42	22 35	87	23 53.0	- 2 07	37.9	-2.3	70
	16	10 20	16 15	22 11	88	23 57.6	- 1 35	37.1	-2.2	63
	24	9 51	15 49	21 47	89	0 02.8	- 1 00	36.3	-2.2	57
II	1	9 22	15 23	21 24	90	0 08.3	- 0 22	35.6	-2.2	50
	9	8 53	14 57	21 02	91	0 14.2	0 17	35.0	-2.1	44
	17	8 24	14 32	20 40	92	0 20.4	0 59	34.5	-2.1	37
	25	7 56	14 07	20 18	93	0 26.9	1 41	34.1	-2.1	31
III	5	7 28	13 42	19 57	95	0 33.6	2 25	33.8	-2.1	25
	13	7 00	13 18	19 36	96	0 40.5	3 10	33.5	-2.1	19
	21	6 32	12 53	19 15	97	0 47.5	3 55	33.3	-2.1	12
	29	6 04	12 29	18 54	98	0 54.6	4 40	33.2	-2.1	7
IV	6	5 36	12 04	18 34	99	1 01.8	5 25	33.1	-2.1	1
	14	5 08	11 40	18 13	100	1 09.0	6 09	33.1	-2.1	-6
	22	4 40	11 16	17 52	102	1 16.1	6 53	33.2	-2.1	-11
	30	4 12	10 51	17 31	103	1 23.2	7 35	33.4	-2.1	-17
V	8	3 44	10 27	17 10	104	1 30.3	8 16	33.6	-2.1	-23
	16	3 16	10 02	16 49	105	1 37.2	8 56	33.9	-2.1	-29
	24	2 48	9 38	16 27	106	1 43.9	9 34	34.3	-2.1	-35
VI	1	2 21	9 13	16 05	107	1 50.4	10 10	34.7	-2.1	-41
	9	1 52	8 47	15 43	108	1 56.7	10 43	35.2	-2.1	-47
	17	1 24	8 22	15 20	108	2 02.6	11 15	35.8	-2.2	-53
	25	0 56	7 56	14 56	109	2 08.3	11 43	36.5	-2.2	-59
VII	3	0 27	7 30	14 32	110	2 13.5	12 09	37.2	-2.3	-66
	11	23 55	7 03	14 07	110	2 18.2	12 32	38.1	-2.3	-72
	19	23 26	6 36	13 42	111	2 22.4	12 52	38.9	-2.3	-78
	27	22 57	6 08	13 15	111	2 26.0	13 08	39.9	-2.4	-85
VIII	4	22 27	5 39	12 48	112	2 29.0	13 21	40.9	-2.5	-92
	12	21 57	5 10	12 19	112	2 31.3	13 30	42.0	-2.5	-99
	20	21 27	4 40	11 50	112	2 32.8	13 36	43.1	-2.6	-106
	28	20 56	4 09	11 19	112	2 33.5	13 37	44.2	-2.6	-114
IX	5	20 24	3 38	10 47	112	2 33.4	13 35	45.2	-2.7	-122
	13	19 52	3 05	10 14	112	2 32.4	13 29	46.3	-2.7	-130
	21	19 20	2 32	9 40	112	2 30.6	13 19	47.3	-2.8	-138
	29	18 47	1 58	9 05	111	2 28.1	13 05	48.1	-2.8	-147
X	7	18 14	1 23	8 29	111	2 24.9	12 49	48.8	-2.9	-155
	15	17 40	0 48	7 52	110	2 21.2	12 30	49.3	-2.9	-164
	23	17 07	0 13	7 15	110	2 17.2	12 09	49.5	-2.9	-173
	31	16 33	23 33	6 37	109	2 13.0	11 48	49.6	-2.9	177
XI	8	15 59	22 57	6 00	109	2 08.9	11 28	49.4	-2.9	169
	16	15 25	22 22	5 23	108	2 05.0	11 08	48.9	-2.9	160
	24	14 52	21 47	4 47	108	2 01.6	10 52	48.2	-2.8	151
XII	2	14 19	21 13	4 11	107	1 58.7	10 39	47.4	-2.8	142
	10	13 46	20 40	3 37	107	1 56.6	10 30	46.4	-2.7	133
	18	13 14	20 07	3 04	107	1 55.3	10 25	45.3	-2.7	125
	26	12 42	19 35	2 32	107	1 54.8	10 25	44.2	-2.6	117
2012	1 3	12 10	19 04	2 01	107	1 55.2	10 30	43.0	-2.6	108