

**JOWISZ**

Data 2015	0 <sup>h</sup> UT				Data 2015	0 <sup>h</sup> UT						
	P	B <sub>0</sub>	L <sub>1</sub>	L <sub>2</sub>		P	B <sub>0</sub>	L <sub>1</sub>	L <sub>2</sub>			
I	1	21.01	-0.23	56.54	352.03	II	23	19.33	-0.13	152.24	43.34	
	2	20.99	-0.23	214.57	142.43		24	19.30	-0.13	310.23	193.70	
	3	20.97	-0.23	12.60	292.83		25	19.26	-0.12	108.22	344.06	
	4	20.95	-0.23	170.63	83.23		26	19.23	-0.12	266.21	134.42	
	5	20.93	-0.24	328.66	233.63		27	19.20	-0.12	64.19	284.77	
	6	20.91	-0.24	126.69	24.03		28	19.16	-0.11	222.17	75.12	
	7	20.89	-0.24	284.72	174.44		III	1	19.13	-0.11	20.15	225.47
	8	20.86	-0.24	82.76	324.84			2	19.10	-0.11	178.12	15.81
	9	20.84	-0.24	240.80	115.25	3		19.07	-0.10	336.09	166.15	
	10	20.82	-0.24	38.83	265.65	4		19.03	-0.10	134.06	316.48	
	11	20.79	-0.24	196.88	56.06	5		19.00	-0.09	292.02	106.82	
	12	20.77	-0.24	354.92	206.47	6		18.97	-0.09	89.97	257.14	
	13	20.74	-0.23	152.96	356.89	7		18.95	-0.09	247.93	47.47	
	14	20.71	-0.23	311.00	147.30	8		18.92	-0.08	45.88	197.79	
	15	20.69	-0.23	109.04	297.71	9		18.89	-0.08	203.83	348.11	
	16	20.66	-0.23	267.08	88.12	10		18.86	-0.08	1.77	138.42	
	17	20.63	-0.23	65.13	238.54	11		18.83	-0.07	159.72	288.74	
	18	20.60	-0.23	223.17	28.95	12		18.81	-0.07	317.65	79.04	
	19	20.57	-0.23	21.22	179.37	13		18.78	-0.07	115.58	229.34	
	20	20.54	-0.23	179.26	329.78	14		18.76	-0.06	273.51	19.64	
	21	20.51	-0.23	337.31	120.20	15		18.74	-0.06	71.44	169.94	
	22	20.48	-0.23	135.35	270.61	16		18.71	-0.06	229.35	320.23	
	23	20.44	-0.22	293.40	61.02	17		18.69	-0.05	27.28	110.52	
	24	20.41	-0.22	91.44	211.44	18		18.67	-0.05	185.18	260.80	
	25	20.38	-0.22	249.49	1.86	19		18.65	-0.05	343.09	51.08	
	26	20.34	-0.22	47.53	152.27	20		18.63	-0.04	141.00	201.35	
	27	20.31	-0.22	205.58	302.68	21		18.61	-0.04	298.90	351.63	
	28	20.28	-0.21	3.62	93.10	22		18.60	-0.04	96.79	141.89	
	29	20.24	-0.21	161.67	243.51	23		18.58	-0.04	254.69	292.16	
	30	20.21	-0.21	319.71	33.92	24	18.56	-0.03	52.58	82.42		
	31	20.17	-0.21	117.75	184.33	25	18.55	-0.03	210.46	232.67		
II	1	20.14	-0.20	275.79	334.74	26	18.53	-0.03	8.34	22.92		
	2	20.10	-0.20	73.83	125.15	27	18.52	-0.03	166.22	173.17		
	3	20.06	-0.20	231.87	275.56	28	18.51	-0.02	324.09	323.41		
	4	20.03	-0.20	29.90	65.97	29	18.50	-0.02	121.96	113.65		
	5	19.99	-0.19	187.94	216.37	30	18.49	-0.02	279.83	263.89		
	6	19.95	-0.19	345.97	6.78	IV	31	18.48	-0.02	77.69	54.12	
	7	19.92	-0.19	144.00	157.18		1	18.47	-0.01	235.54	204.34	
	8	19.88	-0.18	302.04	307.58		2	18.46	-0.01	33.40	354.57	
	9	19.84	-0.18	100.06	97.98		3	18.46	-0.01	191.25	144.79	
	10	19.81	-0.18	258.10	248.38		4	18.45	-0.01	349.09	295.01	
	11	19.77	-0.17	56.12	38.77		5	18.45	-0.01	146.93	85.22	
	12	19.73	-0.17	214.14	189.17		6	18.44	-0.00	304.77	235.43	
	13	19.70	-0.17	12.16	339.56		7	18.44	-0.00	102.60	25.63	
	14	19.66	-0.16	170.18	129.95		8	18.44	-0.00	260.44	175.84	
	15	19.62	-0.16	328.20	280.33		9	18.44	-0.00	58.26	326.03	
	16	19.58	-0.16	126.22	70.72		10	18.44	0.00	216.09	116.23	
	17	19.55	-0.15	284.22	221.10	11	18.44	0.00	13.90	266.41		
	18	19.51	-0.15	82.24	11.48	12	18.45	0.00	171.73	56.60		
	19	19.48	-0.15	240.24	161.86	13	18.45	0.00	329.53	206.78		
	20	19.44	-0.14	38.25	312.23	14	18.45	0.01	127.34	356.96		
	21	19.40	-0.14	196.24	102.60	15	18.46	0.01	285.15	147.14		
	II	22	19.37	-0.14	354.25	252.97	IV	16	18.47	0.01	82.95	297.31

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Data 2015	0 <sup>h</sup> UT				
	P	B <sub>0</sub>	L <sub>1</sub>	L <sub>2</sub>	
IV	17	18.47	0.01	240.74	87.48
	18	18.48	0.01	38.54	237.65
	19	18.49	0.01	196.33	27.80
	20	18.50	0.01	354.12	177.96
	21	18.51	0.01	151.90	328.12
	22	18.52	0.01	309.69	118.27
	23	18.54	0.01	107.46	268.42
	24	18.55	0.01	265.24	58.57
	25	18.57	0.01	63.01	208.71
	26	18.58	0.01	220.78	358.85
	27	18.60	0.01	18.54	148.98
	28	18.62	0.01	176.31	299.12
	29	18.63	0.01	334.06	89.25
	30	18.65	0.01	131.82	239.37
V	1	18.67	0.00	289.58	29.50
	2	18.69	0.00	87.33	179.62
	3	18.72	0.00	245.07	329.73
	4	18.74	0.00	42.82	119.85
	5	18.76	0.00	200.56	269.97
	6	18.79	-0.00	358.30	60.08
	7	18.81	-0.00	156.04	210.19
	8	18.83	-0.00	313.78	0.29
	9	18.86	-0.01	111.51	150.39
	10	18.89	-0.01	269.24	300.49
	11	18.92	-0.01	66.97	90.60
	12	18.94	-0.01	224.69	240.69
	13	18.97	-0.01	22.41	30.78
	14	19.00	-0.02	180.13	180.87
	15	19.03	-0.02	337.85	330.96
	16	19.06	-0.02	135.56	121.05
	17	19.10	-0.02	293.28	271.13
	18	19.13	-0.03	90.99	61.21
	19	19.16	-0.03	248.70	211.30
	20	19.19	-0.03	46.41	1.37
	21	19.23	-0.03	204.12	151.45
	22	19.26	-0.04	1.82	301.52
23	19.30	-0.04	159.52	91.60	
24	19.33	-0.04	317.22	241.67	
25	19.37	-0.05	114.92	31.74	
26	19.41	-0.05	272.61	181.80	
27	19.44	-0.05	70.31	331.87	
28	19.48	-0.06	228.00	121.93	
29	19.52	-0.06	25.69	272.00	
30	19.56	-0.06	183.38	62.05	
31	19.60	-0.07	341.07	212.12	
VI	1	19.64	-0.07	138.75	2.17
	2	19.68	-0.08	296.45	152.23
	3	19.72	-0.08	94.13	302.28
	4	19.76	-0.08	251.81	92.34
	5	19.80	-0.09	49.49	242.39
	6	19.84	-0.09	207.18	32.44
	7	19.88	-0.10	4.85	182.49
	8	19.92	-0.10	162.53	332.54

Data 2015	0 <sup>h</sup> UT				
	P	B <sub>0</sub>	L <sub>1</sub>	L <sub>2</sub>	
VI	9	19.97	-0.11	320.21	122.58
	10	20.01	-0.11	117.88	272.63
	11	20.05	-0.12	275.55	62.67
	12	20.10	-0.12	73.23	212.72
	13	20.14	-0.13	230.90	2.76
	14	20.18	-0.13	28.57	152.80
	15	20.23	-0.14	186.24	302.84
	16	20.27	-0.14	343.91	92.89
	17	20.32	-0.15	141.58	242.92
	18	20.36	-0.15	299.25	32.96
	19	20.41	-0.16	96.91	183.00
	20	20.45	-0.16	254.58	333.03
	21	20.50	-0.17	52.24	123.07
	22	20.54	-0.18	209.91	273.11
23	20.59	-0.18	7.57	63.14	
24	20.64	-0.19	165.24	213.17	
25	20.68	-0.19	322.90	3.21	
26	20.73	-0.20	120.56	153.24	
27	20.78	-0.21	278.22	303.27	
28	20.82	-0.21	75.88	93.30	
29	20.87	-0.22	233.54	243.33	
30	20.91	-0.22	31.20	33.36	
VII	1	20.96	-0.23	188.86	183.39
	2	21.01	-0.24	346.53	333.43
	3	21.06	-0.24	144.18	123.45
	4	21.10	-0.25	301.84	273.48
	5	21.15	-0.26	99.50	63.51
	6	21.20	-0.26	257.16	213.54
	7	21.24	-0.27	54.82	3.57
	8	21.29	-0.28	212.48	153.60
	9	21.34	-0.28	10.13	303.63
	10	21.38	-0.29	167.79	93.65
	11	21.43	-0.30	325.45	243.68
	12	21.48	-0.31	123.10	33.71
	13	21.52	-0.31	280.76	183.74
	14	21.57	-0.32	78.42	333.77
	15	21.62	-0.33	236.08	123.80
	16	21.66	-0.34	33.73	273.82
	17	21.71	-0.34	191.39	63.85
18	21.76	-0.35	349.05	213.88	
19	21.80	-0.36	146.71	3.91	
20	21.85	-0.37	304.37	153.93	
21	21.90	-0.37	102.03	303.97	
22	21.94	-0.38	259.68	93.99	
23	21.99	-0.39	57.34	244.02	
24	22.03	-0.40	215.00	34.05	
25	22.08	-0.40	12.66	184.08	
26	22.12	-0.41	170.32	334.11	
27	22.17	-0.42	327.98	124.14	
28	22.22	-0.43	125.64	274.17	
29	22.26	-0.44	283.30	64.20	
30	22.30	-0.45	80.96	214.23	
VII	31	22.35	-0.45	238.63	4.27

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	P	B <sub>0</sub>	L <sub>1</sub>	L <sub>2</sub>		P	B <sub>0</sub>	L <sub>1</sub>	L <sub>2</sub>			
VIII	1	22.39	-0.46	36.28	154.30	IX	23	24.33	-0.95	113.62	187.24	
	2	22.44	-0.47	193.95	304.33		24	24.36	-0.96	271.34	337.33	
	3	22.48	-0.48	351.61	94.36		25	24.39	-0.97	69.06	127.42	
	4	22.53	-0.49	149.28	244.40		26	24.41	-0.98	226.78	277.51	
	5	22.57	-0.50	306.94	34.43		27	24.44	-0.99	24.50	67.60	
	6	22.61	-0.50	104.61	184.47		28	24.47	-1.00	182.23	217.70	
	7	22.66	-0.51	262.27	334.50		29	24.49	-1.01	339.95	7.79	
	8	22.70	-0.52	59.94	124.54		30	24.52	-1.02	137.69	157.90	
	9	22.74	-0.53	217.60	274.57		X	1	24.54	-1.03	295.41	307.99
	10	22.78	-0.54	15.27	64.61			2	24.56	-1.04	93.15	98.10
	11	22.83	-0.55	172.93	214.65			3	24.59	-1.05	250.88	248.20
	12	22.87	-0.56	330.61	4.69			4	24.61	-1.06	48.62	38.31
	13	22.91	-0.56	128.27	154.73			5	24.63	-1.07	206.35	188.41
	14	22.95	-0.57	285.95	304.77			6	24.66	-1.08	4.09	338.52
	15	22.99	-0.58	83.62	94.81			7	24.68	-1.09	161.83	128.63
	16	23.03	-0.59	241.29	244.86			8	24.70	-1.10	319.58	278.74
	17	23.07	-0.60	38.96	34.89			9	24.72	-1.11	117.32	68.86
	18	23.11	-0.61	196.64	184.94			10	24.74	-1.12	275.07	218.98
	19	23.15	-0.62	354.31	334.98			11	24.76	-1.13	72.81	9.09
	20	23.19	-0.63	151.99	125.03			12	24.78	-1.14	230.57	159.21
	21	23.23	-0.64	309.66	275.07			13	24.80	-1.15	28.32	309.33
	22	23.27	-0.65	107.34	65.12			14	24.82	-1.16	186.07	99.46
	23	23.31	-0.66	265.01	215.17		15	24.84	-1.17	343.83	249.58	
	24	23.35	-0.66	62.69	5.22		16	24.86	-1.18	141.59	39.71	
	25	23.38	-0.67	220.37	155.27		17	24.88	-1.19	299.35	189.84	
	26	23.42	-0.68	18.06	305.32		18	24.90	-1.20	97.11	339.97	
	27	23.46	-0.69	175.74	95.37		19	24.91	-1.21	254.87	130.11	
	28	23.50	-0.70	333.42	245.43		20	24.93	-1.22	52.64	280.24	
	29	23.53	-0.71	131.11	35.48		21	24.95	-1.23	210.41	70.38	
	30	23.57	-0.72	288.79	185.54		22	24.97	-1.24	8.18	220.52	
	31	23.61	-0.73	86.48	335.59		23	24.98	-1.25	165.95	10.66	
IX	1	23.64	-0.74	244.17	125.65	24	25.00	-1.26	323.73	160.81		
	2	23.68	-0.75	41.85	275.71	25	25.01	-1.27	121.50	310.95		
	3	23.71	-0.76	199.54	65.77	26	25.03	-1.28	279.28	101.10		
	4	23.75	-0.77	357.24	215.83	27	25.04	-1.29	77.06	251.25		
	5	23.78	-0.78	154.93	5.89	28	25.06	-1.30	234.85	41.40		
	6	23.81	-0.79	312.62	155.95	29	25.07	-1.31	32.63	191.56		
	7	23.85	-0.80	110.32	306.02	30	25.09	-1.32	190.42	341.72		
	8	23.88	-0.81	268.01	96.08	31	25.10	-1.32	348.21	131.87		
	9	23.91	-0.82	65.71	246.15	XI	1	25.11	-1.33	146.00	282.04	
	10	23.95	-0.83	223.41	36.22		2	25.13	-1.34	303.79	72.20	
	11	23.98	-0.84	21.11	186.29		3	25.14	-1.35	101.59	222.36	
	12	24.01	-0.85	178.81	336.36		4	25.15	-1.36	259.39	12.53	
	13	24.04	-0.85	336.51	126.43		5	25.16	-1.37	57.19	162.70	
	14	24.07	-0.86	134.22	276.51		6	25.17	-1.38	214.99	312.88	
	15	24.10	-0.87	291.92	66.58		7	25.19	-1.39	12.80	103.05	
	16	24.13	-0.88	89.63	216.66		8	25.20	-1.40	170.61	253.23	
	17	24.16	-0.89	247.34	6.74		9	25.21	-1.41	328.42	43.41	
	18	24.19	-0.90	45.05	156.82		10	25.22	-1.42	126.23	193.59	
	19	24.22	-0.91	202.76	306.90		11	25.23	-1.43	284.05	343.78	
	20	24.25	-0.92	0.47	96.98		12	25.24	-1.44	81.86	133.96	
	21	24.28	-0.93	158.18	247.06		13	25.25	-1.45	239.68	284.15	
	IX	22	24.31	-0.94	315.90	37.15	XI	14	25.26	-1.46	37.51	74.35

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XI	15	25.27	-1.46	195.33	224.54	
	16	25.28	-1.47	353.16	14.74	
	17	25.28	-1.48	150.99	164.94	
	18	25.29	-1.49	308.82	315.14	
	19	25.30	-1.50	106.66	105.34	
	20	25.31	-1.51	264.50	255.55	
	21	25.32	-1.52	62.34	45.76	
	22	25.32	-1.53	220.18	195.97	
	23	25.33	-1.53	18.03	346.19	
	24	25.34	-1.54	175.87	136.41	
	25	25.34	-1.55	333.72	286.62	
	26	25.35	-1.56	131.58	76.85	
	27	25.36	-1.57	289.43	227.07	
	28	25.36	-1.58	87.29	17.30	
	29	25.37	-1.59	245.15	167.53	
	30	25.37	-1.59	43.02	317.77	
	XII	1	25.38	-1.60	200.88	108.00
		2	25.38	-1.61	358.75	258.24
		3	25.39	-1.62	156.63	48.48
		4	25.39	-1.63	314.50	198.73
		5	25.40	-1.63	112.38	348.97
		6	25.40	-1.64	270.26	139.22
		7	25.41	-1.65	68.14	289.47
		8	25.41	-1.66	226.03	79.73
		9	25.41	-1.67	23.92	229.99
		10	25.42	-1.67	181.81	20.25
		11	25.42	-1.68	339.70	170.51
		12	25.42	-1.69	137.60	320.78
		13	25.43	-1.70	295.50	111.05
		14	25.43	-1.70	93.40	261.32
15		25.43	-1.71	251.31	51.59	
16		25.44	-1.72	49.22	201.87	
17		25.44	-1.72	207.13	352.15	
18		25.44	-1.73	5.04	142.44	
19		25.44	-1.74	162.96	292.72	
20		25.45	-1.74	320.88	83.01	
21		25.45	-1.75	118.80	233.30	
22		25.45	-1.76	276.73	23.60	
23		25.45	-1.76	74.65	173.90	
24		25.45	-1.77	232.59	324.20	
25		25.45	-1.78	30.52	114.50	
26		25.46	-1.78	188.46	264.81	
27		25.46	-1.79	346.39	55.11	
28		25.46	-1.80	144.34	205.43	
29		25.46	-1.80	302.28	355.74	
30		25.46	-1.81	100.23	146.06	
XII		31	25.46	-1.81	258.18	296.37