

JOWISZ

Data 2013	0 ^h UT				
	P	B ₀	L ₁	L ₂	
I	1	350.72	2.93	65.17	170.55
	2	350.68	2.92	223.12	320.87
	3	350.64	2.92	21.07	111.19
	4	350.60	2.92	179.00	261.49
	5	350.57	2.91	336.94	51.80
	6	350.53	2.91	134.87	202.10
	7	350.50	2.91	292.80	352.40
	8	350.47	2.90	90.72	142.69
	9	350.43	2.90	248.64	292.98
	10	350.40	2.89	46.55	83.26
	11	350.38	2.89	204.46	233.54
	12	350.35	2.89	2.37	23.82
	13	350.32	2.88	160.27	174.09
	14	350.30	2.88	318.16	324.35
	15	350.27	2.88	116.06	114.62
	16	350.25	2.87	273.94	264.88
	17	350.23	2.87	71.83	55.13
	18	350.21	2.86	229.71	205.38
	19	350.20	2.86	27.59	355.63
	20	350.18	2.86	185.45	145.87
	21	350.17	2.85	343.32	296.11
	22	350.15	2.85	141.19	86.34
	23	350.14	2.84	299.04	236.57
	24	350.13	2.84	96.90	26.80
	25	350.12	2.84	254.75	177.02
	26	350.11	2.83	52.59	327.24
	27	350.11	2.83	210.43	117.45
	28	350.10	2.82	8.27	267.66
	29	350.10	2.82	166.11	57.86
	30	350.10	2.82	323.93	208.06
	31	350.10	2.81	121.76	358.25
II	1	350.10	2.81	279.58	148.45
	2	350.10	2.80	77.40	298.63
	3	350.11	2.80	235.21	88.82
	4	350.11	2.80	33.03	239.00
	5	350.12	2.79	190.83	29.18
	6	350.13	2.79	348.63	179.35
	7	350.14	2.79	146.43	329.52
	8	350.15	2.78	304.22	119.68
	9	350.16	2.78	102.02	269.85
	10	350.17	2.77	259.80	60.00
	11	350.19	2.77	57.59	210.16
	12	350.21	2.77	215.36	0.30
	13	350.22	2.76	13.14	150.45
	14	350.24	2.76	170.91	300.60
	15	350.27	2.76	328.68	90.74
	16	350.29	2.75	126.44	240.87
	17	350.31	2.75	284.21	31.01
	18	350.34	2.75	81.97	181.13
	19	350.36	2.74	239.73	331.26
	20	350.39	2.74	37.48	121.38
	21	350.42	2.73	195.23	271.51
	II	22	350.45	2.73	352.97

Data 2013	0 ^h UT					
	P	B ₀	L ₁	L ₂		
II	23	350.48	2.73	150.72	211.74	
	24	350.52	2.72	308.45	1.84	
	25	350.55	2.72	106.19	151.95	
	26	350.59	2.72	263.92	302.06	
	27	350.62	2.71	61.66	92.16	
	28	350.66	2.71	219.38	242.25	
	III	1	350.70	2.71	17.11	32.36
		2	350.74	2.70	174.83	182.45
3		350.78	2.70	332.56	332.54	
4		350.82	2.70	130.27	122.63	
5		350.87	2.69	287.99	272.72	
6		350.91	2.69	85.70	62.79	
7		350.96	2.69	243.41	212.88	
8		351.01	2.68	41.12	2.95	
9		351.06	2.68	198.82	153.03	
10		351.11	2.68	356.52	303.10	
11		351.16	2.67	154.23	93.18	
12		351.21	2.67	311.92	243.24	
13		351.26	2.67	109.62	33.31	
14	351.32	2.66	267.31	183.37		
15	351.37	2.66	65.01	333.44		
16	351.43	2.66	222.69	123.50		
17	351.49	2.65	20.38	273.56		
18	351.55	2.65	178.07	63.61		
19	351.61	2.65	335.75	213.67		
20	351.67	2.65	133.43	3.72		
21	351.73	2.64	291.12	153.77		
22	351.79	2.64	88.79	303.82		
23	351.86	2.64	246.47	93.87		
24	351.92	2.63	44.14	243.91		
25	351.99	2.63	201.82	33.96		
26	352.06	2.63	359.49	184.00		
27	352.12	2.62	157.16	334.04		
28	352.19	2.62	314.83	124.08		
29	352.26	2.62	112.49	274.12		
30	352.33	2.61	270.16	64.16		
31	352.40	2.61	67.83	214.19		
IV	1	352.48	2.61	225.49	4.23	
	2	352.55	2.60	23.15	154.26	
	3	352.62	2.60	180.82	304.29	
	4	352.70	2.60	338.48	94.32	
	5	352.77	2.60	136.13	244.35	
	6	352.85	2.59	293.79	34.38	
	7	352.93	2.59	91.45	184.41	
	8	353.01	2.59	249.10	334.43	
	9	353.09	2.58	46.76	124.46	
	10	353.17	2.58	204.41	274.48	
	11	353.25	2.58	2.07	64.51	
	12	353.33	2.57	159.72	214.53	
	13	353.41	2.57	317.37	4.55	
	14	353.49	2.57	115.02	154.57	
	15	353.58	2.56	272.67	304.60	
IV	16	353.66	2.56	70.32	94.61	

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Data 2013	0 ^h UT				Data 2013	0 ^h UT						
	P	B ₀	L ₁	L ₂		P	B ₀	L ₁	L ₂			
IV	17	353.75	2.56	227.97	244.63	VI	9	359.00	2.36	303.25	275.55	
	18	353.83	2.55	25.61	34.65		10	359.10	2.35	100.91	65.57	
	19	353.92	2.55	183.27	184.67		11	359.21	2.35	258.57	215.60	
	20	354.01	2.55	340.91	334.69		12	359.32	2.34	56.23	5.63	
	21	354.10	2.54	138.56	124.70		13	359.43	2.34	213.89	155.67	
	22	354.18	2.54	296.20	274.72		14	359.53	2.33	11.55	305.70	
	23	354.27	2.54	93.85	64.74		15	359.64	2.33	169.22	95.73	
	24	354.36	2.53	251.49	214.75		16	359.75	2.33	326.88	245.76	
	25	354.45	2.53	49.14	4.77		17	359.86	2.32	124.55	35.80	
	26	354.55	2.53	206.78	154.78		18	359.96	2.32	282.21	185.83	
	27	354.64	2.52	4.43	304.80		19	0.07	2.31	79.88	335.87	
	28	354.73	2.52	162.07	94.81		20	0.18	2.31	237.55	125.91	
	29	354.82	2.52	319.72	244.83		21	0.29	2.30	35.22	275.95	
30	354.92	2.51	117.36	34.84	22		0.39	2.30	192.88	65.99		
V	1	355.01	2.51	275.00	184.85		23	0.50	2.29	350.56	216.03	
	2	355.11	2.51	72.64	334.87		24	0.61	2.29	148.23	6.07	
	3	355.20	2.50	230.29	124.88		25	0.72	2.28	305.91	156.12	
	4	355.30	2.50	27.93	274.89		26	0.82	2.28	103.58	306.16	
	5	355.39	2.50	185.58	64.91		27	0.93	2.27	261.26	96.21	
	6	355.49	2.49	343.22	214.92		28	1.04	2.27	58.93	246.25	
	7	355.59	2.49	140.86	4.93		29	1.15	2.26	216.61	36.30	
	8	355.68	2.49	298.50	154.94		30	1.25	2.26	14.29	186.35	
	9	355.78	2.48	96.15	304.96		VII	1	1.36	2.25	171.97	336.40
	10	355.88	2.48	253.78	94.97			2	1.47	2.25	329.65	126.45
	11	355.98	2.47	51.43	244.99			3	1.57	2.24	127.34	276.51
	12	356.08	2.47	209.07	35.00			4	1.68	2.24	285.02	66.56
	13	356.18	2.47	6.72	185.01			5	1.79	2.23	82.71	216.62
14	356.28	2.46	164.36	335.03	6			1.89	2.23	240.39	6.67	
15	356.38	2.46	322.01	125.04	7			2.00	2.22	38.08	156.73	
16	356.48	2.46	119.65	275.06	8			2.10	2.22	195.77	306.79	
17	356.58	2.45	277.29	65.07	9	2.21		2.21	353.46	96.85		
18	356.69	2.45	74.94	215.09	10	2.31		2.21	151.15	246.91		
19	356.79	2.44	232.59	5.10	11	2.42		2.20	308.85	36.98		
20	356.89	2.44	30.23	155.12	12	2.52		2.20	106.54	187.04		
21	356.99	2.44	187.88	305.14	13	2.63		2.19	264.24	337.11		
22	357.10	2.43	345.52	95.15	14	2.73	2.19	61.93	127.18			
23	357.20	2.43	143.17	245.17	15	2.84	2.18	219.64	277.25			
24	357.30	2.42	300.81	35.18	16	2.94	2.18	17.34	67.32			
25	357.41	2.42	98.46	185.20	17	3.04	2.17	175.04	217.39			
26	357.51	2.42	256.11	335.22	18	3.15	2.17	332.74	7.46			
27	357.62	2.41	53.76	125.24	19	3.25	2.16	130.45	157.54			
28	357.72	2.41	211.41	275.26	20	3.35	2.15	288.15	307.61			
29	357.83	2.40	9.06	65.28	21	3.45	2.15	85.87	97.69			
30	357.93	2.40	166.71	215.30	22	3.56	2.14	243.58	247.77			
31	358.04	2.40	324.36	5.32	23	3.66	2.14	41.29	37.86			
VI	1	358.14	2.39	122.01	155.34	24	3.76	2.13	199.00	187.94		
	2	358.25	2.39	279.66	305.37	25	3.86	2.13	356.72	338.03		
	3	358.36	2.38	77.32	95.39	26	3.96	2.12	154.43	128.11		
	4	358.46	2.38	234.97	245.42	27	4.06	2.12	312.15	278.20		
	5	358.57	2.37	32.63	35.44	28	4.16	2.11	109.87	68.29		
	6	358.68	2.37	190.28	185.46	29	4.26	2.11	267.59	218.38		
	7	358.78	2.37	347.94	335.49	30	4.36	2.10	65.32	8.47		
	VI	8	358.89	2.36	145.59	125.52	VII	31	4.45	2.09	223.04	158.57

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Data 2013	0 ^h UT				Data 2013	0 ^h UT						
	P	B ₀	L ₁	L ₂		P	B ₀	L ₁	L ₂			
VIII	1	4.55	2.09	20.77	308.67	IX	23	8.78	1.80	103.22	346.70	
	2	4.65	2.08	178.50	98.76		24	8.84	1.80	261.07	136.91	
	3	4.75	2.08	336.23	248.86		25	8.89	1.79	58.91	287.13	
	4	4.84	2.07	133.96	38.97		26	8.95	1.79	216.76	77.35	
	5	4.94	2.07	291.69	189.07		27	9.00	1.79	14.62	227.57	
	6	5.03	2.06	89.43	339.17		28	9.05	1.78	172.47	17.80	
	7	5.13	2.06	247.17	129.28		29	9.10	1.78	330.33	168.02	
	8	5.22	2.05	44.91	279.39		30	9.15	1.77	128.19	318.26	
	9	5.32	2.04	202.65	69.50		X	1	9.20	1.77	286.06	108.49
	10	5.41	2.04	0.39	219.62			2	9.25	1.76	83.92	258.72
	11	5.50	2.03	158.14	9.73			3	9.30	1.76	241.79	48.96
	12	5.59	2.03	315.88	159.85			4	9.34	1.75	39.66	199.21
	13	5.68	2.02	113.64	309.97			5	9.39	1.75	197.54	349.45
	14	5.77	2.02	271.39	100.09			6	9.43	1.75	355.42	139.70
	15	5.86	2.01	69.14	250.21			7	9.47	1.74	153.30	289.95
	16	5.95	2.01	226.89	40.33			8	9.51	1.74	311.18	80.20
	17	6.04	2.00	24.65	190.46			9	9.55	1.73	109.07	230.45
	18	6.13	1.99	182.41	340.59			10	9.59	1.73	266.96	20.71
	19	6.22	1.99	340.17	130.72			11	9.63	1.73	64.85	170.98
	20	6.30	1.98	137.93	280.85			12	9.66	1.72	222.74	321.24
	21	6.39	1.98	295.70	70.99			13	9.70	1.72	20.64	111.51
	22	6.48	1.97	93.47	221.12			14	9.73	1.71	178.54	261.78
	23	6.56	1.97	251.24	11.26		15	9.77	1.71	336.44	52.05	
	24	6.64	1.96	49.01	161.40		16	9.80	1.71	134.35	202.32	
	25	6.73	1.96	206.78	311.55		17	9.83	1.70	292.26	352.60	
	26	6.81	1.95	4.56	101.69		18	9.85	1.70	90.17	142.88	
	27	6.89	1.95	162.34	251.84		19	9.88	1.70	248.09	293.17	
	28	6.97	1.94	320.11	41.99		20	9.91	1.69	46.00	83.45	
	29	7.05	1.93	117.90	192.14		21	9.93	1.69	203.92	233.75	
	30	7.13	1.93	275.68	342.29		22	9.95	1.69	1.85	24.04	
	31	7.21	1.92	73.47	132.45		23	9.98	1.68	159.78	174.33	
IX	1	7.29	1.92	231.26	282.61	24	10.00	1.68	317.70	324.63		
	2	7.37	1.91	29.05	72.77	25	10.02	1.68	115.64	114.93		
	3	7.44	1.91	186.84	222.93	26	10.03	1.67	273.57	265.24		
	4	7.52	1.90	344.64	13.10	27	10.05	1.67	71.51	55.54		
	5	7.59	1.90	142.44	163.27	28	10.07	1.67	229.45	205.85		
	6	7.67	1.89	300.24	313.44	29	10.08	1.66	27.39	356.17		
	7	7.74	1.89	98.04	103.61	30	10.09	1.66	185.34	146.48		
	8	7.81	1.88	255.85	253.78	31	10.10	1.66	343.29	296.80		
	9	7.88	1.88	53.65	43.96	XI	1	10.11	1.66	141.24	87.12	
	10	7.95	1.87	211.46	194.14		2	10.12	1.65	299.20	237.45	
	11	8.02	1.86	9.28	344.32		3	10.13	1.65	97.15	27.77	
	12	8.09	1.86	167.09	134.51		4	10.13	1.65	255.12	178.11	
	13	8.16	1.85	324.91	284.69		5	10.14	1.65	53.08	328.44	
	14	8.23	1.85	122.73	74.88		6	10.14	1.64	211.05	118.78	
	15	8.29	1.84	280.55	225.07		7	10.14	1.64	9.01	269.11	
	16	8.36	1.84	78.37	15.27		8	10.14	1.64	166.99	59.46	
	17	8.42	1.83	236.20	165.46		9	10.14	1.64	324.96	209.80	
	18	8.48	1.83	34.03	315.67		10	10.14	1.64	122.94	0.15	
	19	8.54	1.82	191.86	105.86		11	10.13	1.63	280.92	150.49	
	20	8.60	1.82	349.70	256.07		12	10.12	1.63	78.90	300.85	
	21	8.66	1.81	147.54	46.28		13	10.12	1.63	236.89	91.20	
	IX	22	8.72	1.81	305.38	196.49	XI	14	10.11	1.63	34.88	241.56

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Data 2013	0 ^h UT					
	P	B ₀	L ₁	L ₂		
XI	15	10.10	1.63	192.87	31.92	
	16	10.09	1.63	350.86	182.28	
	17	10.07	1.63	148.85	332.65	
	18	10.06	1.62	306.85	123.02	
	19	10.04	1.62	104.85	273.39	
	20	10.03	1.62	262.86	63.76	
	21	10.01	1.62	60.86	214.13	
	22	9.99	1.62	218.87	4.51	
	23	9.97	1.62	16.88	154.89	
	24	9.94	1.62	174.89	305.27	
	25	9.92	1.62	332.91	95.65	
	26	9.89	1.62	130.92	246.04	
	27	9.87	1.62	288.94	36.43	
	28	9.84	1.61	86.96	186.82	
	29	9.81	1.61	244.98	337.21	
	30	9.78	1.61	43.01	127.61	
	XII	1	9.75	1.61	201.04	278.00
		2	9.71	1.61	359.06	68.40
		3	9.68	1.61	157.09	218.80
		4	9.64	1.61	315.13	9.20
		5	9.60	1.61	113.16	159.60
		6	9.57	1.61	271.19	310.00
		7	9.53	1.61	69.23	100.41
		8	9.49	1.61	227.26	250.82
		9	9.44	1.61	25.30	41.22
		10	9.40	1.61	183.34	191.63
		11	9.36	1.61	341.38	342.05
		12	9.31	1.61	139.42	132.46
		13	9.27	1.61	297.47	282.87
		14	9.22	1.61	95.51	73.28
15		9.17	1.61	253.55	223.69	
16		9.12	1.61	51.60	14.11	
17		9.07	1.61	209.64	164.52	
18		9.02	1.61	7.69	314.94	
19		8.97	1.62	165.73	105.35	
20		8.92	1.62	323.78	255.77	
21		8.86	1.62	121.83	46.19	
22		8.81	1.62	279.87	196.60	
23		8.76	1.62	77.92	347.02	
24		8.70	1.62	235.96	137.43	
25		8.64	1.62	34.01	287.85	
26		8.59	1.62	192.05	78.26	
27		8.53	1.62	350.10	228.68	
28		8.47	1.62	148.14	19.09	
29		8.42	1.62	306.19	169.51	
30		8.36	1.62	104.23	319.92	
XII		31	8.30	1.62	262.27	110.33