

JOWISZ

Data 2018	0 ^h UT				
	P	B ₀	L ₁	L ₂	
I	1	17.20	-3.12	222.63	75.71
	2	17.15	-3.13	20.44	225.88
	3	17.09	-3.13	178.24	16.05
	4	17.04	-3.13	336.04	166.22
	5	16.98	-3.14	133.84	316.40
	6	16.93	-3.14	291.66	106.58
	7	16.88	-3.15	89.46	256.76
	8	16.82	-3.15	247.28	46.94
	9	16.77	-3.15	45.09	197.12
	10	16.72	-3.16	202.91	347.31
	11	16.67	-3.16	0.73	137.50
	12	16.62	-3.17	158.56	287.70
	13	16.57	-3.17	316.38	77.89
	14	16.52	-3.17	114.21	228.09
	15	16.47	-3.18	272.04	18.29
	16	16.42	-3.18	69.88	168.49
	17	16.37	-3.18	227.71	318.69
	18	16.32	-3.19	25.55	108.90
	19	16.28	-3.19	183.39	259.11
	20	16.23	-3.20	341.23	49.32
	21	16.19	-3.20	139.08	199.54
	22	16.14	-3.20	296.93	349.76
	23	16.10	-3.21	94.78	139.98
	24	16.05	-3.21	252.63	290.20
	25	16.01	-3.21	50.49	80.43
	26	15.97	-3.22	208.35	230.66
	27	15.93	-3.22	6.21	20.89
	28	15.89	-3.22	164.07	171.12
	29	15.85	-3.23	321.94	321.36
	30	15.81	-3.23	119.81	111.60
	31	15.77	-3.24	277.68	261.84
II	1	15.73	-3.24	75.56	52.08
	2	15.70	-3.24	233.43	202.33
	3	15.66	-3.25	31.32	352.58
	4	15.62	-3.25	189.20	142.83
	5	15.59	-3.25	347.09	293.09
	6	15.56	-3.26	144.97	83.34
	7	15.52	-3.26	302.87	233.61
	8	15.49	-3.26	100.76	23.87
	9	15.46	-3.27	258.66	174.14
	10	15.43	-3.27	56.56	324.40
	11	15.40	-3.27	214.46	114.68
	12	15.38	-3.28	12.36	264.95
	13	15.35	-3.28	170.27	55.23
	14	15.32	-3.28	328.18	205.51
	15	15.30	-3.29	126.10	355.79
	16	15.28	-3.29	284.01	146.08
	17	15.25	-3.29	81.93	296.37
	18	15.23	-3.30	239.85	86.66
	19	15.21	-3.30	37.78	236.95
	20	15.19	-3.30	195.71	27.25
	21	15.17	-3.31	353.64	177.55
	II	22	15.15	-3.31	151.57

Data 2018	0 ^h UT					
	P	B ₀	L ₁	L ₂		
II	23	15.14	-3.31	309.51	118.16	
	24	15.12	-3.31	107.45	268.46	
	25	15.11	-3.32	265.39	58.77	
	26	15.09	-3.32	63.33	209.09	
	27	15.08	-3.32	221.28	359.40	
	28	15.07	-3.33	19.23	149.72	
	III	1	15.06	-3.33	177.18	300.04
		2	15.05	-3.33	335.13	90.37
3		15.05	-3.34	133.09	240.69	
4		15.04	-3.34	291.05	31.02	
5		15.03	-3.34	89.01	181.36	
6		15.03	-3.34	246.98	331.69	
7		15.03	-3.35	44.95	122.03	
8		15.02	-3.35	202.92	272.37	
9		15.02	-3.35	0.89	62.71	
10		15.02	-3.35	158.87	213.05	
11		15.02	-3.36	316.84	3.40	
12		15.03	-3.36	114.83	153.75	
13		15.03	-3.36	272.81	304.10	
14		15.03	-3.36	70.79	94.46	
15		15.04	-3.37	228.78	244.82	
16		15.05	-3.37	26.77	35.18	
17		15.06	-3.37	184.76	185.54	
18		15.06	-3.37	342.76	335.91	
19		15.08	-3.37	140.76	126.27	
20		15.09	-3.38	298.76	276.64	
21		15.10	-3.38	96.76	67.01	
22		15.11	-3.38	254.77	217.39	
23		15.13	-3.38	52.77	7.76	
24		15.14	-3.38	210.78	158.14	
25		15.16	-3.38	8.79	308.52	
26		15.18	-3.39	166.80	98.90	
27		15.20	-3.39	324.82	249.28	
28		15.22	-3.39	122.83	39.67	
29		15.24	-3.39	280.85	190.06	
30		15.26	-3.39	78.87	340.45	
31		15.28	-3.39	236.89	130.84	
IV	1	15.31	-3.39	34.92	281.23	
	2	15.33	-3.39	192.94	71.62	
	3	15.36	-3.40	350.97	222.02	
	4	15.38	-3.40	148.99	12.42	
	5	15.41	-3.40	307.02	162.82	
	6	15.44	-3.40	105.05	313.22	
	7	15.47	-3.40	263.09	103.62	
	8	15.50	-3.40	61.12	254.02	
	9	15.53	-3.40	219.15	44.43	
	10	15.56	-3.40	17.19	194.83	
	11	15.60	-3.40	175.23	345.24	
	12	15.63	-3.40	333.26	135.64	
	13	15.66	-3.40	131.30	286.05	
	14	15.70	-3.40	289.34	76.46	
	15	15.73	-3.40	87.38	226.87	
	IV	16	15.77	-3.40	245.42	17.28

JOWISZ

Data 2018	0 ^h UT				
	P	B ₀	L ₁	L ₂	
IV	17	15.81	-3.40	43.46	167.69
	18	15.84	-3.40	201.50	318.10
	19	15.88	-3.40	359.55	108.52
	20	15.92	-3.40	157.59	258.93
	21	15.96	-3.39	315.63	49.34
	22	16.00	-3.39	113.67	199.75
	23	16.04	-3.39	271.72	350.16
	24	16.08	-3.39	69.76	140.57
	25	16.12	-3.39	227.80	290.99
	26	16.16	-3.39	25.84	81.40
	27	16.20	-3.39	183.88	231.81
	28	16.24	-3.39	341.92	22.22
V	29	16.29	-3.38	139.96	172.63
	30	16.33	-3.38	298.00	323.04
	1	16.37	-3.38	96.04	113.45
	2	16.41	-3.38	254.08	263.86
	3	16.46	-3.38	52.12	54.27
	4	16.50	-3.37	210.16	204.67
	5	16.54	-3.37	8.19	355.08
	6	16.58	-3.37	166.23	145.49
	7	16.63	-3.37	324.26	295.89
	8	16.67	-3.36	122.29	86.29
	9	16.71	-3.36	280.32	236.69
	10	16.76	-3.36	78.35	27.09
11	16.80	-3.35	236.38	177.49	
12	16.84	-3.35	34.41	327.88	
13	16.88	-3.35	192.43	118.28	
14	16.93	-3.34	350.45	268.67	
15	16.97	-3.34	148.47	59.06	
16	17.01	-3.34	306.49	209.45	
17	17.05	-3.33	104.51	359.83	
18	17.09	-3.33	262.53	150.22	
19	17.13	-3.33	60.53	300.60	
20	17.17	-3.32	218.54	90.98	
21	17.21	-3.32	16.55	241.36	
22	17.25	-3.31	174.56	31.74	
23	17.29	-3.31	332.55	182.10	
24	17.33	-3.31	130.56	332.48	
25	17.37	-3.30	288.55	122.84	
26	17.41	-3.30	86.55	273.20	
27	17.44	-3.29	244.53	63.56	
28	17.48	-3.29	42.53	213.93	
29	17.52	-3.28	200.51	4.28	
30	17.55	-3.28	358.49	154.63	
31	17.59	-3.28	156.47	304.98	
VI	1	17.62	-3.27	314.45	95.33
	2	17.66	-3.27	112.42	245.67
	3	17.69	-3.26	270.39	36.01
	4	17.72	-3.26	68.36	186.35
	5	17.75	-3.25	226.32	336.68
	6	17.78	-3.25	24.28	127.01
	7	17.81	-3.24	182.24	277.34
	8	17.84	-3.24	340.18	67.66

Data 2018	0 ^h UT				
	P	B ₀	L ₁	L ₂	
VI	9	17.87	-3.23	138.14	217.98
	10	17.90	-3.23	296.08	8.29
	11	17.93	-3.22	94.02	158.61
	12	17.95	-3.22	251.96	308.91
	13	17.98	-3.21	49.90	99.22
	14	18.00	-3.21	207.83	249.52
	15	18.03	-3.20	5.76	39.82
	16	18.05	-3.20	163.68	190.11
	17	18.07	-3.19	321.60	340.41
	18	18.09	-3.19	119.51	130.69
	19	18.12	-3.18	277.43	280.98
	20	18.13	-3.18	75.34	71.25
VII	21	18.15	-3.17	233.24	221.53
	22	18.17	-3.17	31.14	11.80
	23	18.19	-3.16	189.04	162.07
	24	18.20	-3.16	346.93	312.33
	25	18.22	-3.15	144.82	102.59
	26	18.23	-3.15	302.71	252.85
	27	18.25	-3.14	100.59	43.10
	28	18.26	-3.14	258.47	193.35
	29	18.27	-3.13	56.35	343.60
	30	18.28	-3.13	214.22	133.84
	1	18.29	-3.12	12.08	284.07
	2	18.30	-3.12	169.95	74.31
3	18.31	-3.11	327.81	224.54	
4	18.31	-3.11	125.66	14.77	
5	18.32	-3.10	283.51	164.99	
6	18.33	-3.10	81.36	315.21	
7	18.33	-3.10	239.20	105.42	
8	18.33	-3.09	37.05	255.63	
9	18.34	-3.09	194.89	45.84	
10	18.34	-3.08	352.72	196.05	
11	18.34	-3.08	150.55	346.25	
12	18.34	-3.07	308.38	136.45	
13	18.34	-3.07	106.20	286.64	
14	18.33	-3.06	264.02	76.83	
15	18.33	-3.06	61.84	227.02	
16	18.33	-3.06	219.65	17.20	
17	18.32	-3.05	17.45	167.38	
18	18.32	-3.05	175.27	317.56	
19	18.31	-3.04	333.07	107.73	
20	18.30	-3.04	130.86	257.90	
21	18.29	-3.04	288.66	48.06	
22	18.28	-3.03	86.45	198.23	
23	18.27	-3.03	244.24	348.38	
24	18.26	-3.03	42.03	138.54	
25	18.25	-3.02	199.81	288.70	
26	18.23	-3.02	357.59	78.85	
27	18.22	-3.01	155.36	228.99	
28	18.21	-3.01	313.14	19.14	
29	18.19	-3.01	110.91	169.28	
30	18.17	-3.00	268.68	319.42	
31	18.16	-3.00	66.44	109.55	

JOWISZ

Data 2018	0 ^h UT				Data 2018	0 ^h UT						
	P	B ₀	L ₁	L ₂		P	B ₀	L ₁	L ₂			
VIII	1	18.14	-3.00	224.21	259.69	IX	23	15.97	-2.90	302.45	293.58	
	2	18.12	-3.00	21.96	49.81		24	15.91	-2.90	100.12	83.61	
	3	18.10	-2.99	179.72	199.94		25	15.85	-2.90	257.78	233.65	
	4	18.08	-2.99	337.47	350.06		26	15.79	-2.90	55.44	23.68	
	5	18.05	-2.99	135.22	140.19		27	15.72	-2.90	213.11	173.72	
	6	18.03	-2.98	292.96	290.30		28	15.66	-2.90	10.77	323.75	
	7	18.01	-2.98	90.72	80.42		29	15.59	-2.90	168.43	113.78	
	8	17.98	-2.98	248.45	230.53		30	15.53	-2.90	326.09	263.81	
	9	17.96	-2.97	46.20	20.64		X	1	15.46	-2.90	123.75	53.84
	10	17.93	-2.97	203.93	170.75			2	15.40	-2.90	281.40	203.86
	11	17.90	-2.97	1.67	320.86			3	15.33	-2.90	79.07	353.90
	12	17.87	-2.97	159.40	110.95			4	15.26	-2.90	236.73	143.93
	13	17.85	-2.96	317.13	261.06			5	15.19	-2.90	34.39	293.96
	14	17.82	-2.96	114.85	51.16			6	15.12	-2.90	192.04	83.98
	15	17.79	-2.96	272.58	201.25			7	15.06	-2.90	349.70	234.01
	16	17.75	-2.96	70.30	351.34			8	14.98	-2.89	147.35	24.04
	17	17.72	-2.96	228.03	141.44			9	14.91	-2.89	305.01	174.07
	18	17.69	-2.95	25.74	291.52			10	14.84	-2.89	102.67	324.09
	19	17.65	-2.95	183.46	81.61			11	14.77	-2.89	260.33	114.12
	20	17.62	-2.95	341.17	231.69			12	14.70	-2.89	57.98	264.14
	21	17.58	-2.95	138.88	21.78			13	14.62	-2.89	215.64	54.17
	22	17.55	-2.94	296.59	171.85			14	14.55	-2.89	13.29	204.20
	23	17.51	-2.94	94.30	321.94		15	14.47	-2.89	170.95	354.22	
	24	17.47	-2.94	252.00	112.01		16	14.40	-2.89	328.60	144.25	
	25	17.43	-2.94	49.71	262.09		17	14.32	-2.89	126.26	294.28	
	26	17.39	-2.94	207.41	52.16		18	14.25	-2.89	283.91	84.30	
	27	17.35	-2.94	5.11	202.23		19	14.17	-2.89	81.57	234.33	
	28	17.31	-2.93	162.81	352.30		20	14.09	-2.89	239.23	24.35	
	29	17.27	-2.93	320.51	142.37		21	14.02	-2.89	36.89	174.38	
	30	17.23	-2.93	118.20	292.43		22	13.94	-2.89	194.54	324.40	
	31	17.18	-2.93	275.89	82.49		23	13.86	-2.89	352.20	114.44	
IX	1	17.14	-2.93	73.58	232.55	24	13.78	-2.89	149.85	264.46		
	2	17.09	-2.93	231.27	22.62	25	13.70	-2.89	307.51	54.49		
	3	17.05	-2.92	28.96	172.67	26	13.62	-2.89	105.17	204.52		
	4	17.00	-2.92	186.65	322.73	27	13.54	-2.89	262.83	354.54		
	5	16.95	-2.92	344.33	112.79	28	13.46	-2.89	60.48	144.57		
	6	16.91	-2.92	142.02	262.84	29	13.37	-2.89	218.14	294.60		
	7	16.86	-2.92	299.70	52.89	30	13.29	-2.89	15.80	84.63		
	8	16.81	-2.92	97.38	202.95	31	13.21	-2.89	173.46	234.66		
	9	16.76	-2.92	255.06	353.00	XI	1	13.13	-2.89	331.11	24.68	
	10	16.70	-2.92	52.74	143.04		2	13.04	-2.89	128.78	174.72	
	11	16.65	-2.91	210.42	293.09		3	12.96	-2.89	286.44	324.75	
	12	16.60	-2.91	8.09	83.14		4	12.87	-2.88	84.10	114.78	
13	16.55	-2.91	165.76	233.18	5		12.79	-2.88	241.76	264.81		
14	16.49	-2.91	323.44	23.23	6		12.70	-2.88	39.42	54.84		
15	16.44	-2.91	121.11	173.27	7		12.62	-2.88	197.08	204.87		
16	16.38	-2.91	278.78	323.31	8		12.53	-2.88	354.74	354.91		
17	16.33	-2.91	76.45	113.35	9		12.44	-2.88	152.41	144.94		
18	16.27	-2.91	234.12	263.39	10		12.36	-2.88	310.07	294.97		
19	16.21	-2.91	31.79	53.43	11		12.27	-2.88	107.74	85.01		
20	16.15	-2.91	189.45	203.47	12		12.18	-2.88	265.40	235.04		
21	16.09	-2.90	347.13	353.51	13		12.09	-2.88	63.07	25.08		
IX	22	16.03	-2.90	144.79	143.54	XI	14	12.00	-2.88	220.73	175.11	

JOWISZ

Data 2018	0 ^h UT					
	P	B ₀	L ₁	L ₂		
XI	15	11.92	-2.88	18.40	325.16	
	16	11.83	-2.88	176.07	115.19	
	17	11.74	-2.88	333.74	265.23	
	18	11.65	-2.88	131.41	55.27	
	19	11.56	-2.88	289.08	205.31	
	20	11.47	-2.88	86.75	355.35	
	21	11.38	-2.88	244.43	145.40	
	22	11.28	-2.88	42.10	295.44	
	23	11.19	-2.88	199.78	85.49	
	24	11.10	-2.88	357.45	235.53	
	25	11.01	-2.88	155.13	25.58	
	26	10.92	-2.87	312.80	175.62	
	27	10.83	-2.87	110.48	325.68	
	28	10.73	-2.87	268.16	115.73	
	29	10.64	-2.87	65.85	265.78	
	30	10.55	-2.87	223.53	55.83	
	XII	1	10.45	-2.87	21.21	205.89
		2	10.36	-2.87	178.89	355.94
		3	10.27	-2.87	336.58	145.99
		4	10.17	-2.87	134.27	296.05
		5	10.08	-2.87	291.96	86.11
		6	9.99	-2.87	89.64	236.17
		7	9.89	-2.87	247.34	26.23
		8	9.80	-2.87	45.03	176.29
		9	9.71	-2.87	202.72	326.35
		10	9.61	-2.87	0.42	116.42
		11	9.52	-2.87	158.12	266.49
		12	9.42	-2.86	315.81	56.55
		13	9.33	-2.86	113.51	206.62
		14	9.23	-2.86	271.21	356.69
15		9.14	-2.86	68.91	146.76	
16		9.04	-2.86	226.61	296.83	
17		8.95	-2.86	24.32	86.91	
18		8.86	-2.86	182.03	236.99	
19		8.76	-2.86	339.74	27.06	
20		8.67	-2.86	137.44	177.14	
21		8.57	-2.86	295.16	327.23	
22		8.48	-2.86	92.87	117.31	
23		8.38	-2.85	250.58	267.39	
24		8.29	-2.85	48.30	57.48	
25		8.20	-2.85	206.02	207.56	
26		8.10	-2.85	3.73	357.65	
27		8.01	-2.85	161.46	147.74	
28		7.92	-2.85	319.18	297.83	
29		7.82	-2.85	116.90	87.93	
30		7.73	-2.85	274.63	238.03	
XII		31	7.64	-2.85	72.36	28.12