

JOWISZ

Data 2017	0 ^h UT				Data 2017	0 ^h UT					
	P	B ₀	L ₁	L ₂		P	B ₀	L ₁	L ₂		
I	1	23.57	-2.80	217.03	335.04	II	23	23.30	-3.05	308.24	21.82
	2	23.56	-2.81	14.90	125.28		24	23.31	-3.06	106.26	172.21
	3	23.54	-2.81	172.79	275.53		25	23.32	-3.06	264.27	322.59
	4	23.52	-2.82	330.67	65.78		26	23.33	-3.06	62.29	112.98
	5	23.51	-2.83	128.55	216.04		27	23.34	-3.06	220.31	263.37
	6	23.49	-2.83	286.44	6.29		28	23.35	-3.06	18.33	53.76
	7	23.47	-2.84	84.33	156.55	III	1	23.36	-3.07	176.36	204.16
	8	23.46	-2.84	242.22	306.81		2	23.38	-3.07	334.38	354.55
	9	23.44	-2.85	40.12	97.08		3	23.39	-3.07	132.41	144.95
	10	23.43	-2.86	198.02	247.35		4	23.40	-3.07	290.44	295.35
	11	23.42	-2.86	355.92	37.62		5	23.41	-3.07	88.47	85.75
	12	23.40	-2.87	153.82	187.89		6	23.43	-3.07	246.50	236.15
	13	23.39	-2.88	311.73	338.17		7	23.44	-3.07	44.53	26.55
	14	23.38	-2.88	109.64	128.45		8	23.46	-3.07	202.57	176.95
	15	23.37	-2.89	267.55	278.73		9	23.47	-3.07	0.60	327.36
	16	23.35	-2.89	65.47	69.01		10	23.49	-3.07	158.64	117.76
	17	23.34	-2.90	223.39	219.30		11	23.50	-3.07	316.68	268.17
	18	23.33	-2.91	21.30	9.59		12	23.52	-3.07	114.71	58.58
	19	23.32	-2.91	179.23	159.89		13	23.53	-3.07	272.75	208.99
	20	23.31	-2.92	337.16	310.18		14	23.55	-3.07	70.79	359.39
	21	23.30	-2.92	135.09	100.48		15	23.57	-3.07	228.83	149.81
	22	23.29	-2.93	293.02	250.78		16	23.58	-3.07	26.87	300.22
	23	23.29	-2.93	90.95	41.09		17	23.60	-3.07	184.92	90.63
	24	23.28	-2.94	248.89	191.39		18	23.62	-3.07	342.96	241.04
	25	23.27	-2.94	46.83	341.70		19	23.64	-3.07	141.00	31.45
	26	23.26	-2.95	204.77	132.01		20	23.65	-3.07	299.04	181.86
	27	23.26	-2.95	2.72	282.33		21	23.67	-3.07	97.09	332.28
	28	23.25	-2.96	160.67	72.65		22	23.69	-3.06	255.13	122.69
	29	23.25	-2.96	318.62	222.97		23	23.71	-3.06	53.17	273.10
	30	23.24	-2.97	116.57	13.29		24	23.73	-3.06	211.21	63.51
	31	23.24	-2.97	274.53	163.62		25	23.75	-3.06	9.26	213.93
II	1	23.24	-2.98	72.49	313.95		26	23.76	-3.06	167.30	4.34
	2	23.23	-2.98	230.45	104.28		27	23.78	-3.05	325.34	154.75
	3	23.23	-2.99	28.42	254.61		28	23.80	-3.05	123.38	305.16
	4	23.23	-2.99	186.39	44.95		29	23.82	-3.05	281.43	95.58
	5	23.23	-3.00	344.36	195.29		30	23.84	-3.05	79.47	245.98
	6	23.23	-3.00	142.33	345.63		31	23.86	-3.04	237.51	36.40
	7	23.23	-3.00	300.31	135.98	IV	1	23.88	-3.04	35.55	186.81
	8	23.23	-3.01	98.28	286.33		2	23.90	-3.04	193.58	337.21
	9	23.23	-3.01	256.26	76.67		3	23.92	-3.03	351.62	127.62
	10	23.23	-3.02	54.25	227.03		4	23.93	-3.03	149.66	278.03
	11	23.23	-3.02	212.23	17.38		5	23.95	-3.03	307.69	68.43
	12	23.24	-3.02	10.22	167.74		6	23.97	-3.02	105.73	218.84
	13	23.24	-3.03	168.21	318.10		7	23.99	-3.02	263.76	9.24
	14	23.24	-3.03	326.20	108.46		8	24.01	-3.02	61.79	159.64
	15	23.25	-3.03	124.20	258.83		9	24.03	-3.01	219.82	310.04
	16	23.25	-3.04	282.20	49.19		10	24.05	-3.01	17.85	100.44
	17	23.26	-3.04	80.20	199.56		11	24.06	-3.00	175.87	250.83
	18	23.26	-3.04	238.20	349.93		12	24.08	-3.00	333.89	41.22
	19	23.27	-3.05	36.20	140.31		13	24.10	-2.99	131.92	191.62
	20	23.28	-3.05	194.21	290.68		14	24.12	-2.99	289.94	342.01
	21	23.28	-3.05	352.22	81.06		15	24.14	-2.98	87.96	132.39
II	22	23.29	-3.05	150.23	231.44	IV	16	24.15	-2.98	245.97	282.78

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Data 2017	0 ^h UT				
	P	B ₀	L ₁	L ₂	
IV	17	24.17	-2.97	43.99	73.17
	18	24.19	-2.97	201.99	223.54
	19	24.21	-2.96	0.01	13.93
	20	24.22	-2.96	158.01	164.30
	21	24.24	-2.95	316.02	314.68
	22	24.25	-2.95	114.02	105.05
	23	24.27	-2.94	272.02	255.42
	24	24.29	-2.94	70.01	45.78
	25	24.30	-2.93	228.00	196.15
	26	24.32	-2.93	25.99	346.51
	27	24.33	-2.92	183.98	136.87
	28	24.34	-2.92	341.96	287.22
V	29	24.36	-2.91	139.95	77.57
	30	24.37	-2.90	297.93	227.92
	1	24.39	-2.90	95.90	18.26
	2	24.40	-2.89	253.87	168.60
	3	24.41	-2.89	51.84	318.95
	4	24.43	-2.88	209.80	109.28
	5	24.44	-2.87	7.77	259.61
	6	24.45	-2.87	165.72	49.94
	7	24.46	-2.86	323.68	200.26
	8	24.47	-2.86	121.63	350.58
	9	24.48	-2.85	279.58	140.90
	10	24.49	-2.84	77.52	291.21
11	24.50	-2.84	235.46	81.53	
12	24.51	-2.83	33.40	231.83	
13	24.52	-2.83	191.33	22.14	
14	24.53	-2.82	349.26	172.43	
15	24.54	-2.82	147.19	322.74	
16	24.55	-2.81	305.11	113.03	
17	24.56	-2.80	103.03	263.32	
18	24.57	-2.80	260.94	53.60	
19	24.57	-2.79	58.86	203.88	
20	24.58	-2.79	216.76	354.16	
21	24.59	-2.78	14.66	144.43	
22	24.59	-2.77	172.56	294.70	
23	24.60	-2.77	330.46	84.97	
24	24.61	-2.76	128.35	235.23	
25	24.61	-2.76	286.24	25.49	
26	24.62	-2.75	84.12	175.74	
27	24.62	-2.75	242.00	326.00	
28	24.63	-2.74	39.88	116.24	
29	24.63	-2.74	197.75	266.49	
30	24.63	-2.73	355.62	56.72	
31	24.64	-2.73	153.49	206.96	
VI	1	24.64	-2.72	311.35	357.19
	2	24.64	-2.72	109.20	147.42
	3	24.65	-2.71	267.06	297.64
	4	24.65	-2.71	64.91	87.87
	5	24.65	-2.70	222.75	238.08
	6	24.65	-2.70	20.60	28.30
	7	24.65	-2.69	178.44	178.51
	8	24.65	-2.69	336.27	328.71

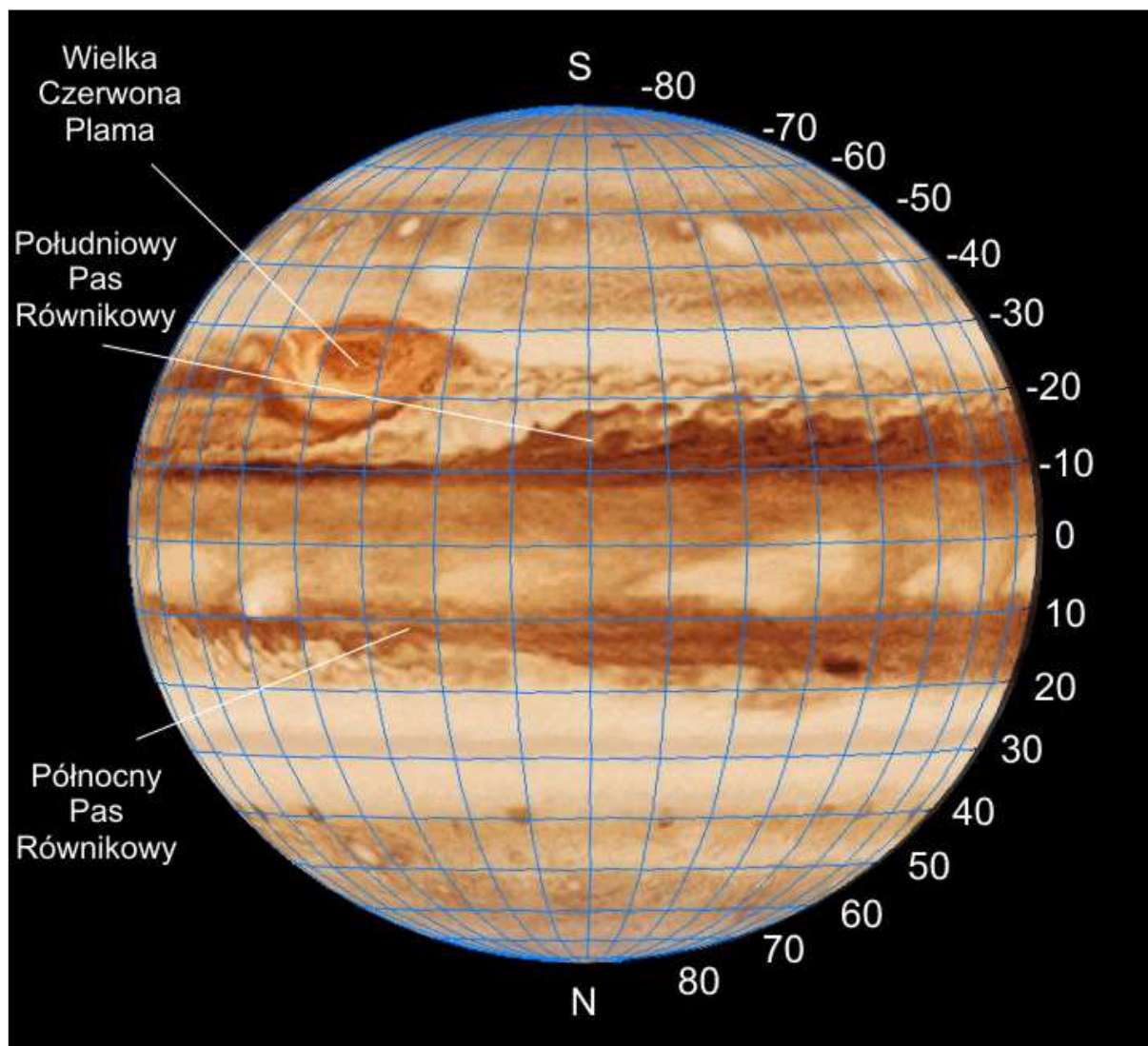
Data 2017	0 ^h UT				
	P	B ₀	L ₁	L ₂	
VI	9	24.65	-2.68	134.10	118.91
	10	24.65	-2.68	291.94	269.12
	11	24.65	-2.67	89.76	59.31
	12	24.65	-2.67	247.58	209.50
	13	24.65	-2.67	45.40	359.69
	14	24.65	-2.66	203.21	149.88
	15	24.65	-2.66	1.02	300.06
	16	24.65	-2.65	158.83	90.24
	17	24.65	-2.65	316.64	240.42
	18	24.64	-2.65	114.44	30.58
	19	24.64	-2.64	272.24	180.75
	20	24.64	-2.64	70.03	330.92
VII	21	24.63	-2.64	227.82	121.08
	22	24.63	-2.63	25.61	271.24
	23	24.63	-2.63	183.40	61.40
	24	24.62	-2.63	341.18	211.55
	25	24.62	-2.62	138.96	1.70
	26	24.61	-2.62	296.73	151.84
	27	24.61	-2.62	94.51	301.99
	28	24.60	-2.61	252.27	92.12
	29	24.59	-2.61	50.04	242.27
	30	24.59	-2.61	207.80	32.40
	1	24.58	-2.61	5.56	182.53
	2	24.57	-2.60	163.32	332.66
3	24.57	-2.60	321.08	122.79	
4	24.56	-2.60	118.83	272.90	
5	24.55	-2.60	276.58	63.03	
6	24.54	-2.60	74.33	213.14	
7	24.53	-2.59	232.07	3.26	
8	24.52	-2.59	29.81	153.37	
9	24.51	-2.59	187.56	303.49	
10	24.50	-2.59	345.29	93.59	
11	24.49	-2.59	143.03	243.70	
12	24.48	-2.59	300.76	33.80	
13	24.47	-2.59	98.49	183.90	
14	24.46	-2.59	256.21	334.00	
15	24.45	-2.58	53.94	124.10	
16	24.44	-2.58	211.66	274.19	
17	24.43	-2.58	9.39	64.28	
18	24.41	-2.58	167.10	214.37	
19	24.40	-2.58	324.82	4.46	
20	24.39	-2.58	122.53	154.54	
21	24.37	-2.58	280.25	304.63	
22	24.36	-2.58	77.96	94.71	
23	24.34	-2.58	235.67	244.79	
24	24.33	-2.58	33.37	34.86	
25	24.31	-2.58	191.08	184.94	
26	24.30	-2.58	348.78	335.01	
27	24.28	-2.58	146.48	125.09	
28	24.27	-2.58	304.18	275.15	
29	24.25	-2.58	101.88	65.23	
30	24.23	-2.58	259.57	215.29	
VII	31	24.21	-2.58	57.27	5.36

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Data 2017	0 ^h UT				Data 2017	0 ^h UT					
	P	B ₀	L ₁	L ₂		P	B ₀	L ₁	L ₂		
VIII	1	24.20	-2.58	214.96	155.42	IX	23	22.65	-2.71	291.41	187.50
	2	24.18	-2.58	12.66	305.48		24	22.61	-2.71	89.07	337.53
	3	24.16	-2.58	170.34	95.54		25	22.57	-2.72	246.73	127.56
	4	24.14	-2.58	328.04	245.60		26	22.53	-2.72	44.39	277.60
	5	24.12	-2.59	125.72	35.66		27	22.48	-2.72	202.05	67.63
	6	24.10	-2.59	283.41	185.72		28	22.44	-2.73	359.72	217.66
	7	24.08	-2.59	81.09	335.77		29	22.40	-2.73	157.38	7.69
	8	24.06	-2.59	238.78	125.83		30	22.36	-2.74	315.04	157.73
	9	24.04	-2.59	36.45	275.88	X	1	22.31	-2.74	112.71	307.76
	10	24.02	-2.59	194.14	65.93		2	22.27	-2.74	270.37	97.80
	11	23.99	-2.59	351.82	215.98		3	22.22	-2.75	68.03	247.83
	12	23.97	-2.59	149.50	6.03		4	22.18	-2.75	225.70	37.87
	13	23.95	-2.60	307.17	156.08		5	22.13	-2.76	23.37	187.90
	14	23.93	-2.60	104.85	306.12		6	22.09	-2.76	181.03	337.94
	15	23.90	-2.60	262.52	96.17		7	22.04	-2.76	338.70	127.97
	16	23.88	-2.60	60.20	246.21		8	21.99	-2.77	136.37	278.01
	17	23.85	-2.60	217.87	36.26		9	21.95	-2.77	294.03	68.05
	18	23.83	-2.60	15.54	186.30		10	21.90	-2.78	91.70	218.09
	19	23.80	-2.61	173.21	336.34		11	21.85	-2.78	249.37	8.13
	20	23.78	-2.61	330.89	126.38		12	21.80	-2.78	47.04	158.17
	21	23.75	-2.61	128.56	276.42		13	21.76	-2.79	204.71	308.21
	22	23.73	-2.61	286.22	66.46		14	21.71	-2.79	2.39	98.25
	23	23.70	-2.61	83.89	216.50		15	21.66	-2.80	160.06	248.29
	24	23.67	-2.62	241.56	6.54		16	21.61	-2.80	317.73	38.33
	25	23.64	-2.62	39.23	156.58		17	21.56	-2.80	115.40	188.38
	26	23.62	-2.62	196.89	306.61		18	21.51	-2.81	273.08	338.42
	27	23.59	-2.62	354.56	96.65		19	21.46	-2.81	70.75	128.47
	28	23.56	-2.63	152.22	246.68		20	21.41	-2.82	228.43	278.51
	29	23.53	-2.63	309.89	36.72		21	21.36	-2.82	26.11	68.56
	30	23.50	-2.63	107.55	186.75		22	21.30	-2.83	183.78	218.61
	31	23.47	-2.63	265.21	336.79		23	21.25	-2.83	341.46	8.66
IX	1	23.44	-2.64	62.87	126.82		24	21.20	-2.83	139.14	158.71
	2	23.41	-2.64	220.54	276.86		25	21.15	-2.84	296.82	308.76
	3	23.37	-2.64	18.20	66.88		26	21.09	-2.84	94.50	98.81
	4	23.34	-2.65	175.86	216.92		27	21.04	-2.85	252.19	248.87
	5	23.31	-2.65	333.52	6.95		28	20.99	-2.85	49.87	38.92
	6	23.28	-2.65	131.19	156.98		29	20.93	-2.86	207.56	188.98
	7	23.24	-2.65	288.84	307.01		30	20.88	-2.86	5.25	339.03
	8	23.21	-2.66	86.51	97.05		31	20.82	-2.86	162.94	129.09
	9	23.18	-2.66	244.17	247.07	XI	1	20.77	-2.87	320.62	279.15
	10	23.14	-2.66	41.83	37.11		2	20.71	-2.87	118.31	69.21
	11	23.11	-2.67	199.49	187.13		3	20.66	-2.88	276.00	219.27
	12	23.07	-2.67	357.15	337.17		4	20.60	-2.88	73.70	9.33
	13	23.03	-2.67	154.80	127.19		5	20.55	-2.89	231.39	159.40
	14	23.00	-2.68	312.47	277.23		6	20.49	-2.89	29.09	309.46
	15	22.96	-2.68	110.13	67.26		7	20.43	-2.89	186.78	99.52
	16	22.92	-2.68	267.79	217.29		8	20.38	-2.90	344.48	249.59
	17	22.89	-2.69	65.45	7.31		9	20.32	-2.90	142.18	39.66
	18	22.85	-2.69	223.11	157.35		10	20.26	-2.91	299.88	189.73
	19	22.81	-2.69	20.77	307.38		11	20.21	-2.91	97.58	339.80
	20	22.77	-2.70	178.43	97.41		12	20.15	-2.92	255.29	129.88
	21	22.73	-2.70	336.09	247.44		13	20.09	-2.92	52.99	279.95
IX	22	22.69	-2.71	133.75	37.47	XI	14	20.03	-2.92	210.69	70.03

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Data 2017	0 ^h UT				
	P	B ₀	L ₁	L ₂	
XI	15	19.97	-2.93	8.40	220.10
	16	19.91	-2.93	166.11	10.18
	17	19.86	-2.94	323.82	160.26
	18	19.80	-2.94	121.53	310.35
	19	19.74	-2.95	279.24	100.43
	20	19.68	-2.95	76.96	250.51
	21	19.62	-2.95	234.67	40.60
	22	19.56	-2.96	32.40	190.69
	23	19.50	-2.96	190.11	340.77
	24	19.44	-2.97	347.83	130.87
	25	19.38	-2.97	145.56	280.96
	26	19.32	-2.98	303.28	71.05
	27	19.26	-2.98	101.01	221.15
	28	19.20	-2.98	258.74	11.25
	29	19.14	-2.99	56.47	161.35
30	19.08	-2.99	214.20	311.45	
XII	1	19.02	-3.00	11.93	101.55
	2	18.96	-3.00	169.67	251.66
	3	18.90	-3.01	327.40	41.76
	4	18.84	-3.01	125.14	191.87
	5	18.78	-3.01	282.88	341.98
	6	18.72	-3.02	80.62	132.09
	7	18.66	-3.02	238.37	282.20
	8	18.60	-3.03	36.12	72.32
	9	18.54	-3.03	193.86	222.44
	10	18.48	-3.03	351.61	12.56
	11	18.42	-3.04	149.36	162.68
	12	18.36	-3.04	307.12	312.80
	13	18.30	-3.05	104.87	102.93
	14	18.24	-3.05	262.63	253.06
	15	18.18	-3.05	60.39	43.19
	16	18.12	-3.06	218.15	193.32
17	18.06	-3.06	15.92	343.45	
18	18.00	-3.07	173.68	133.59	
19	17.95	-3.07	331.45	283.72	
20	17.89	-3.08	129.22	73.86	
21	17.83	-3.08	286.99	224.01	
22	17.77	-3.08	84.77	14.15	
23	17.71	-3.09	242.54	164.29	
24	17.65	-3.09	40.32	314.44	
25	17.60	-3.10	198.11	104.59	
26	17.54	-3.10	355.89	254.75	
27	17.48	-3.10	153.68	44.90	
28	17.43	-3.11	311.46	195.06	
29	17.37	-3.11	109.25	345.22	
30	17.31	-3.12	267.04	135.38	
XII	31	17.26	-3.12	64.84	285.55



Widok Jowisza w teleskopie (południe u góry) z nałożoną siatką współrzędnych geograficznych