



Die Bahn des Planeten Jupiter 2018

EPHEMERIDE 2018 – JUPITER

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
16 Mar 2018	15h23m16.95s	-17 18' 50.4"	5.4199	4.8241	-2.3	122.2	8.9	10.99	137.84	3.46	288.6	Lib
17 Mar 2018	15h23m11.48s	-17 18' 21.3"	5.4197	4.8104	-2.3	123.2	8.8	11.41	138.73	3.94	288.1	Lib
18 Mar 2018	15h23m05.25s	-17 17' 49.5"	5.4195	4.7968	-2.3	124.2	8.7	11.82	139.62	4.41	287.7	Lib
19 Mar 2018	15h22m58.27s	-17 17' 14.9"	5.4193	4.7833	-2.3	125.3	8.6	12.23	140.51	4.87	287.3	Lib
20 Mar 2018	15h22m50.53s	-17 16' 37.6"	5.4192	4.7700	-2.3	126.3	8.5	12.64	141.42	5.34	287.1	Lib
21 Mar 2018	15h22m42.05s	-17 15' 57.6"	5.4190	4.7569	-2.3	127.3	8.4	13.04	142.33	5.80	286.8	Lib
22 Mar 2018	15h22m32.82s	-17 15' 15.0"	5.4188	4.7440	-2.3	128.3	8.3	13.43	143.25	6.26	286.6	Lib
23 Mar 2018	15h22m22.86s	-17 14' 29.7"	5.4186	4.7312	-2.3	129.4	8.2	13.82	144.18	6.71	286.5	Lib
24 Mar 2018	15h22m12.17s	-17 13' 41.8"	5.4184	4.7187	-2.3	130.4	8.1	14.20	145.11	7.16	286.3	Lib
25 Mar 2018	15h22m00.76s	-17 12' 51.2"	5.4182	4.7063	-2.3	131.5	7.9	14.57	146.06	7.61	286.2	Lib
26 Mar 2018	15h21m48.63s	-17 11' 58.1"	5.4180	4.6941	-2.3	132.5	7.8	14.93	147.01	8.05	286.1	Lib
27 Mar 2018	15h21m35.80s	-17 11' 02.4"	5.4178	4.6821	-2.3	133.5	7.7	15.29	147.96	8.49	286.0	Lib
28 Mar 2018	15h21m22.26s	-17 10' 04.2"	5.4177	4.6703	-2.3	134.6	7.5	15.64	148.93	8.92	285.9	Lib
29 Mar 2018	15h21m08.03s	-17 09' 03.5"	5.4175	4.6587	-2.4	135.6	7.4	15.99	149.90	9.34	285.8	Lib
30 Mar 2018	15h20m53.12s	-17 08' 00.4"	5.4173	4.6473	-2.4	136.7	7.3	16.32	150.89	9.77	285.8	Lib
31 Mar 2018	15h20m37.54s	-17 06' 54.8"	5.4171	4.6361	-2.4	137.7	7.1	16.65	151.88	10.18	285.7	Lib
1 Apr 2018	15h20m21.28s	-17 05' 46.7"	5.4169	4.6251	-2.4	138.8	7.0	16.97	152.87	10.60	285.6	Lib
2 Apr 2018	15h20m04.37s	-17 04' 36.3"	5.4167	4.6144	-2.4	139.8	6.8	17.28	153.88	11.00	285.6	Lib
3 Apr 2018	15h19m46.81s	-17 03' 23.5"	5.4165	4.6039	-2.4	140.9	6.7	17.58	154.89	11.41	285.5	Lib
4 Apr 2018	15h19m28.60s	-17 02' 08.3"	5.4163	4.5936	-2.4	142.0	6.5	17.87	155.91	11.80	285.5	Lib
5 Apr 2018	15h19m09.77s	-17 00' 50.9"	5.4161	4.5835	-2.4	143.0	6.4	18.16	156.94	12.19	285.5	Lib
6 Apr 2018	15h18m50.31s	-16 59' 31.2"	5.4159	4.5737	-2.4	144.1	6.2	18.43	157.97	12.57	285.4	Lib
7 Apr 2018	15h18m30.25s	-16 58' 09.2"	5.4158	4.5641	-2.4	145.2	6.1	18.69	159.02	12.95	285.4	Lib
8 Apr 2018	15h18m09.59s	-16 56' 45.1"	5.4156	4.5547	-2.4	146.2	5.9	18.95	160.07	13.32	285.4	Lib
9 Apr 2018	15h17m48.35s	-16 55' 18.8"	5.4154	4.5456	-2.4	147.3	5.7	19.19	161.12	13.68	285.4	Lib
10 Apr 2018	15h17m26.53s	-16 53' 50.3"	5.4152	4.5367	-2.4	148.4	5.6	19.42	162.18	14.03	285.4	Lib
11 Apr 2018	15h17m04.15s	-16 52' 19.8"	5.4150	4.5281	-2.4	149.4	5.4	19.65	163.25	14.37	285.3	Lib
12 Apr 2018	15h16m41.23s	-16 50' 47.3"	5.4148	4.5198	-2.4	150.5	5.2	19.86	164.33	14.71	285.3	Lib
13 Apr 2018	15h16m17.79s	-16 49' 12.8"	5.4146	4.5117	-2.4	151.6	5.1	20.06	165.41	15.04	285.3	Lib
14 Apr 2018	15h15m53.82s	-16 47' 36.3"	5.4144	4.5038	-2.4	152.7	4.9	20.25	166.50	15.35	285.3	Lib
15 Apr 2018	15h15m29.36s	-16 45' 58.0"	5.4142	4.4963	-2.4	153.7	4.7	20.42	167.60	15.66	285.3	Lib
16 Apr 2018	15h15m04.42s	-16 44' 17.8"	5.4140	4.4890	-2.4	154.8	4.5	20.59	168.70	15.95	285.3	Lib
17 Apr 2018	15h14m39.02s	-16 42' 35.9"	5.4138	4.4819	-2.5	155.9	4.3	20.74	169.80	16.24	285.3	Lib
18 Apr 2018	15h14m13.17s	-16 40' 52.3"	5.4136	4.4752	-2.5	157.0	4.2	20.88	170.91	16.51	285.3	Lib
19 Apr 2018	15h13m46.90s	-16 39' 07.0"	5.4134	4.4687	-2.5	158.1	4.0	21.01	172.03	16.77	285.3	Lib
20 Apr 2018	15h13m20.22s	-16 37' 20.2"	5.4132	4.4625	-2.5	159.2	3.8	21.13	173.15	17.02	285.3	Lib
21 Apr 2018	15h12m53.15s	-16 35' 31.9"	5.4130	4.4566	-2.5	160.3	3.6	21.23	174.27	17.26	285.3	Lib
22 Apr 2018	15h12m25.71s	-16 33' 42.2"	5.4128	4.4510	-2.5	161.3	3.4	21.33	175.40	17.48	285.3	Lib
23 Apr 2018	15h11m57.93s	-16 31' 51.1"	5.4126	4.4457	-2.5	162.4	3.2	21.40	176.53	17.70	285.3	Lib
24 Apr 2018	15h11m29.81s	-16 29' 58.7"	5.4124	4.4406	-2.5	163.5	3.0	21.47	177.66	17.90	285.3	Lib
25 Apr 2018	15h11m01.39s	-16 28' 05.1"	5.4122	4.4358	-2.5	164.6	2.8	21.52	178.80	18.09	285.3	Lib
26 Apr 2018	15h10m32.68s	-16 26' 10.4"	5.4120	4.4314	-2.5	165.7	2.6	21.56	179.94	18.26	285.3	Lib
27 Apr 2018	15h10m03.69s	-16 24' 14.7"	5.4118	4.4272	-2.5	166.8	2.4	21.59	181.08	18.43	285.3	Lib
28 Apr 2018	15h09m34.46s	-16 22' 17.9"	5.4116	4.4233	-2.5	167.9	2.2	21.60	182.22	18.58	285.3	Lib
29 Apr 2018	15h09m04.99s	-16 20' 20.3"	5.4114	4.4197	-2.5	169.0	2.0	21.60	183.36	18.72	285.3	Lib
30 Apr 2018	15h08m35.31s	-16 18' 21.7"	5.4112	4.4164	-2.5	170.0	1.8	21.58	184.51	18.85	285.3	Lib
1 Mai 2018	15h08m05.44s	-16 16' 22.5"	5.4110	4.4134	-2.5	171.1	1.6	21.56	185.66	18.96	285.3	Lib
2 Mai 2018	15h07m35.40s	-16 14' 22.5"	5.4108	4.4107	-2.5	172.2	1.4	21.52	186.80	19.07	285.3	Lib
3 Mai 2018	15h07m05.20s	-16 12' 21.9"	5.4106	4.4083	-2.5	173.3	1.2	21.46	187.95	19.16	285.3	Lib
4 Mai 2018	15h06m34.87s	-16 10' 20.8"	5.4104	4.4062	-2.5	174.4	1.0	21.39	189.09	19.23	285.3	Lib
5 Mai 2018	15h06m04.43s	-16 08' 19.3"	5.4102	4.4044	-2.5	175.4	0.9	21.31	190.24	19.30	285.3	Lib
6 Mai 2018	15h05m33.90s	-16 06' 17.4"	5.4100	4.4029	-2.5	176.5	0.7	21.22	191.38	19.35	285.3	Lib
7 Mai 2018	15h05m03.30s	-16 04' 15.1"	5.4098	4.4017	-2.5	177.5	0.5	21.11	192.52	19.39	285.3	Lib
8 Mai 2018	15h04m32.65s	-16 02' 12.7"	5.4096	4.4008	-2.5	178.3	0.3	20.99	193.66	19.42	285.3	Lib
9 Mai 2018	15h04m01.97s	-16 00' 10.2"	5.4094	4.4002	-2.5	178.7	0.2	20.85	194.80	19.43	285.3	Lib
10 Mai 2018	15h03m31.28s	-15 58' 07.6"	5.4092	4.3999	-2.5	178.3	0.3	20.70	195.93	19.43	285.3	Lib
11 Mai 2018	15h03m00.61s	-15 56' 05.1"	5.4090	4.3999	-2.5	177.5	0.5	20.54	197.06	19.41	285.4	Lib
12 Mai 2018	15h02m29.98s	-15 54' 02.7"	5.4088	4.4002	-2.5	176.5	0.7	20.37	198.19	19.38	285.4	Lib
13 Mai 2018	15h01m59.40s	-15 52' 00.6"	5.4086	4.4008	-2.5	175.5	0.8	20.18	199.31	19.34	285.4	Lib
14 Mai 2018	15h01m28.91s	-15 49' 58.8"	5.4083	4.4017	-2.5	174.4	1.0	19.98	200.43	19.28	285.4	Lib
15 Mai 2018	15h00m58.51s	-15 47' 57.4"	5.4081	4.4029	-2.5	173.3	1.2	19.76	201.55	19.21	285.4	Lib
16 Mai 2018	15h00m28.25s	-15 45' 56.5"	5.4079	4.4044	-2.5	172.3	1.4	19.54	202.66	19.12	285.4	Lib
17 Mai 2018	14h59m58.13s	-15 43' 56.3"	5.4077	4.4062	-2.5	171.2	1.6	19.30	203.76	19.02	285.4	Lib
18 Mai 2018	14h59m28.18s	-15 41' 56.7"	5.4075	4.4083	-2.5	170.1	1.8	19.05	204.86	18.91	285.4	Lib
19 Mai 2018	14h58m58.42s	-15 39' 58.0"	5.4073	4.4107	-2.5	169.0	2.0	18.79	205.96	18.78	285.4	Lib
20 Mai 2018	14h58m28.87s	-15 38' 00.1"	5.4071	4.4134	-2.5	168.0	2.2	18.52	207.05	18.64	285.4	Lib
21 Mai 2018	14h57m59.56s	-15 36' 03.3"	5.4069	4.4164	-2.5	166.9	2.4	18.23	208.13	18.49	285.4	Lib
22 Mai 2018	14h57m30.50s	-15 34' 07.5"	5.4067	4.4197	-2.5	165.8	2.6	17.93	209.21	18.33	285.3	Lib
23 Mai 2018	14h57m01.70s	-15 32' 12.9"	5.4065	4.4233	-2.5	164.7	2.8	17.62	210.28	18.15	285.3	Lib
24 Mai 2018	14h56m33.20s	-15 30' 19.6"	5.4063	4.4271	-2.5	163.6	3.0	17.31	211.34	17.96	285.3	Lib
25 Mai 2018	14h56m05.00s	-15 28' 27.6"	5.4060	4.4313	-2.5	162.6	3.2	16.98	212.40	17.76	285.3	Lib
26 Mai 2018	14h55m37.13s	-15 26' 37.0"	5.4058	4.4357	-2.5	161.5	3.4	16.63	213.45	17.55	285.3	Lib
27 Mai 2018	14h55m09.60s	-15 24' 47.9"	5.4056	4.4404	-2.5	160.4	3.6	16.28	214.50	17.33	285.3	Lib
28 Mai 2018	14h54m42.43s	-15 23' 00.4"	5.4054	4.4454	-2.5	159.4	3.8	15.92	215.53	17.10	285.3	Lib

EPHEMERIDE 2018 – JUPITER

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
29 Mai 2018	14h54m15.63s	-15 21' 14.5"	5.4052	4.4507	-2.5	158.3	4.0	15.55	216.56	16.85	285.3	Lib
30 Mai 2018	14h53m49.22s	-15 19' 30.4"	5.4050	4.4562	-2.5	157.2	4.2	15.17	217.59	16.60	285.2	Lib
31 Mai 2018	14h53m23.22s	-15 17' 48.0"	5.4048	4.4620	-2.5	156.1	4.3	14.78	218.60	16.34	285.2	Lib
1 Jun 2018	14h52m57.64s	-15 16' 07.5"	5.4045	4.4681	-2.5	155.1	4.5	14.38	219.61	16.07	285.2	Lib
2 Jun 2018	14h52m32.49s	-15 14' 29.0"	5.4043	4.4744	-2.5	154.0	4.7	13.97	220.61	15.78	285.2	Lib
3 Jun 2018	14h52m07.79s	-15 12' 52.4"	5.4041	4.4810	-2.5	153.0	4.9	13.56	221.60	15.49	285.1	Lib
4 Jun 2018	14h51m43.56s	-15 11' 17.9"	5.4039	4.4879	-2.5	151.9	5.1	13.13	222.59	15.19	285.1	Lib
5 Jun 2018	14h51m19.81s	-15 09' 45.6"	5.4037	4.4950	-2.4	150.9	5.2	12.70	223.56	14.88	285.1	Lib
6 Jun 2018	14h50m56.55s	-15 08' 15.5"	5.4035	4.5023	-2.4	149.8	5.4	12.26	224.53	14.56	285.0	Lib
7 Jun 2018	14h50m33.80s	-15 06' 47.7"	5.4032	4.5100	-2.4	148.7	5.6	11.81	225.49	14.23	285.0	Lib
8 Jun 2018	14h50m11.57s	-15 05' 22.2"	5.4030	4.5178	-2.4	147.7	5.8	11.35	226.45	13.90	284.9	Lib
9 Jun 2018	14h49m49.88s	-15 03' 59.1"	5.4028	4.5259	-2.4	146.7	5.9	10.88	227.40	13.55	284.9	Lib
10 Jun 2018	14h49m28.73s	-15 02' 38.5"	5.4026	4.5343	-2.4	145.6	6.1	10.41	228.34	13.20	284.8	Lib
11 Jun 2018	14h49m08.14s	-15 01' 20.4"	5.4024	4.5429	-2.4	144.6	6.3	9.93	229.27	12.84	284.7	Lib
12 Jun 2018	14h48m48.12s	-15 00' 04.9"	5.4022	4.5517	-2.4	143.5	6.4	9.45	230.19	12.47	284.7	Lib
13 Jun 2018	14h48m28.69s	-14 58' 52.0"	5.4019	4.5608	-2.4	142.5	6.6	8.96	231.11	12.09	284.6	Lib
14 Jun 2018	14h48m09.85s	-14 57' 41.9"	5.4017	4.5701	-2.4	141.5	6.7	8.46	232.02	11.71	284.5	Lib
15 Jun 2018	14h47m51.62s	-14 56' 34.5"	5.4015	4.5796	-2.4	140.4	6.9	7.96	232.92	11.31	284.4	Lib
16 Jun 2018	14h47m34.01s	-14 55' 29.9"	5.4013	4.5893	-2.4	139.4	7.0	7.45	233.82	10.92	284.3	Lib
17 Jun 2018	14h47m17.02s	-14 54' 28.2"	5.4010	4.5993	-2.4	138.4	7.2	6.94	234.71	10.51	284.2	Lib
18 Jun 2018	14h47m00.67s	-14 53' 29.5"	5.4008	4.6094	-2.4	137.4	7.3	6.42	235.59	10.10	284.1	Lib
19 Jun 2018	14h46m44.97s	-14 52' 33.6"	5.4006	4.6198	-2.4	136.3	7.5	5.89	236.46	9.69	283.9	Lib
20 Jun 2018	14h46m29.91s	-14 51' 40.8"	5.4004	4.6304	-2.4	135.3	7.6	5.36	237.33	9.27	283.8	Lib
21 Jun 2018	14h46m15.51s	-14 50' 51.0"	5.4002	4.6412	-2.4	134.3	7.7	4.83	238.19	8.85	283.6	Lib
22 Jun 2018	14h46m01.78s	-14 50' 04.2"	5.3999	4.6521	-2.4	133.3	7.9	4.29	239.05	8.42	283.4	Lib
23 Jun 2018	14h45m48.71s	-14 49' 20.5"	5.3997	4.6633	-2.4	132.3	8.0	3.75	239.90	8.00	283.2	Lib
24 Jun 2018	14h45m36.32s	-14 48' 40.0"	5.3995	4.6746	-2.3	131.3	8.1	3.20	240.74	7.56	283.0	Lib
25 Jun 2018	14h45m24.60s	-14 48' 02.5"	5.3993	4.6861	-2.3	130.3	8.3	2.65	241.58	7.13	282.7	Lib
26 Jun 2018	14h45m13.56s	-14 47' 28.2"	5.3990	4.6978	-2.3	129.3	8.4	2.10	242.41	6.69	282.4	Lib
27 Jun 2018	14h45m03.21s	-14 46' 57.1"	5.3988	4.7097	-2.3	128.3	8.5	1.54	243.23	6.25	282.0	Lib
28 Jun 2018	14h44m53.55s	-14 46' 29.1"	5.3986	4.7217	-2.3	127.3	8.6	0.98	244.05	5.81	281.6	Lib
29 Jun 2018	14h44m44.58s	-14 46' 04.4"	5.3984	4.7339	-2.3	126.3	8.7	0.42	244.86	5.37	281.1	Lib
30 Jun 2018	14h44m36.31s	-14 45' 42.8"	5.3981	4.7463	-2.3	125.3	8.8	-0.15	245.67	4.93	280.6	Lib
1 Jul 2018	14h44m28.73s	-14 45' 24.5"	5.3979	4.7588	-2.3	124.3	8.9	-0.72	246.47	4.48	279.9	Lib
2 Jul 2018	14h44m21.86s	-14 45' 09.4"	5.3977	4.7715	-2.3	123.4	9.1	-1.29	247.27	4.03	279.0	Lib
3 Jul 2018	14h44m15.69s	-14 44' 57.5"	5.3975	4.7843	-2.3	122.4	9.2	-1.86	248.06	3.59	278.0	Lib
4 Jul 2018	14h44m10.22s	-14 44' 48.9"	5.3972	4.7972	-2.3	121.4	9.3	-2.44	248.84	3.14	276.6	Lib
5 Jul 2018	14h44m05.47s	-14 44' 43.6"	5.3970	4.8103	-2.3	120.4	9.3	-3.02	249.63	2.70	274.8	Lib
6 Jul 2018	14h44m01.42s	-14 44' 41.5"	5.3968	4.8236	-2.3	119.5	9.4	-3.60	250.40	2.25	272.3	Lib
7 Jul 2018	14h43m58.09s	-14 44' 42.7"	5.3965	4.8370	-2.3	118.5	9.5	-4.18	251.18	1.82	268.6	Lib
8 Jul 2018	14h43m55.46s	-14 44' 47.1"	5.3963	4.8505	-2.3	117.5	9.6	-4.76	251.95	1.39	262.5	Lib
9 Jul 2018	14h43m53.56s	-14 44' 54.9"	5.3961	4.8641	-2.3	116.6	9.7	-5.35	252.71	0.99	251.3	Lib
10 Jul 2018	14h43m52.37s	-14 45' 05.9"	5.3958	4.8778	-2.2	115.6	9.8	-5.94	253.47	0.68	227.8	Lib
11 Jul 2018	14h43m51.89s	-14 45' 20.2"	5.3956	4.8917	-2.2	114.7	9.9	-6.52	254.23	0.60	186.2	Lib
12 Jul 2018	14h43m52.14s	-14 45' 37.7"	5.3954	4.9057	-2.2	113.7	9.9	-7.11	254.98	0.82	152.8	Lib
13 Jul 2018	14h43m53.10s	-14 45' 58.6"	5.3952	4.9197	-2.2	112.8	10.0	-7.70	255.73	1.19	136.8	Lib
14 Jul 2018	14h43m54.79s	-14 46' 22.7"	5.3949	4.9339	-2.2	111.8	10.1	-8.29	256.48	1.60	128.7	Lib
15 Jul 2018	14h43m57.19s	-14 46' 50.1"	5.3947	4.9482	-2.2	110.9	10.1	-8.89	257.22	2.04	123.9	Lib
16 Jul 2018	14h44m00.30s	-14 47' 20.8"	5.3945	4.9626	-2.2	109.9	10.2	-9.48	257.96	2.48	120.9	Lib
17 Jul 2018	14h44m04.14s	-14 47' 54.6"	5.3942	4.9770	-2.2	109.0	10.3	-10.07	258.69	2.93	118.8	Lib
18 Jul 2018	14h44m08.68s	-14 48' 31.7"	5.3940	4.9916	-2.2	108.1	10.3	-10.66	259.43	3.37	117.2	Lib
19 Jul 2018	14h44m13.93s	-14 49' 12.1"	5.3938	5.0062	-2.2	107.1	10.4	-11.26	260.16	3.82	116.1	Lib
20 Jul 2018	14h44m19.89s	-14 49' 55.5"	5.3935	5.0209	-2.2	106.2	10.4	-11.85	260.89	4.26	115.1	Lib
21 Jul 2018	14h44m26.55s	-14 50' 42.2"	5.3933	5.0356	-2.2	105.3	10.5	-12.45	261.61	4.71	114.4	Lib
22 Jul 2018	14h44m33.91s	-14 51' 32.0"	5.3931	5.0505	-2.2	104.4	10.5	-13.04	262.34	5.15	113.7	Lib
23 Jul 2018	14h44m41.96s	-14 52' 24.9"	5.3928	5.0653	-2.2	103.4	10.6	-13.63	263.06	5.59	113.2	Lib
24 Jul 2018	14h44m50.71s	-14 53' 20.8"	5.3926	5.0803	-2.2	102.5	10.6	-14.23	263.78	6.02	112.7	Lib
25 Jul 2018	14h45m00.14s	-14 54' 19.8"	5.3923	5.0953	-2.2	101.6	10.6	-14.82	264.50	6.46	112.3	Lib
26 Jul 2018	14h45m10.25s	-14 55' 21.9"	5.3921	5.1103	-2.1	100.7	10.7	-15.41	265.22	6.89	112.0	Lib
27 Jul 2018	14h45m21.05s	-14 56' 26.9"	5.3919	5.1254	-2.1	99.8	10.7	-16.00	265.93	7.32	111.7	Lib
28 Jul 2018	14h45m32.52s	-14 57' 34.9"	5.3916	5.1406	-2.1	98.9	10.7	-16.60	266.65	7.75	111.4	Lib
29 Jul 2018	14h45m44.67s	-14 58' 45.9"	5.3914	5.1557	-2.1	98.0	10.7	-17.19	267.36	8.17	111.2	Lib
30 Jul 2018	14h45m57.48s	-14 59' 59.7"	5.3912	5.1709	-2.1	97.1	10.8	-17.78	268.08	8.59	110.9	Lib
31 Jul 2018	14h46m10.96s	-15 01' 16.4"	5.3909	5.1862	-2.1	96.2	10.8	-18.37	268.79	9.01	110.7	Lib
1 Aug 2018	14h46m25.10s	-15 02' 36.0"	5.3907	5.2014	-2.1	95.3	10.8	-18.95	269.50	9.43	110.5	Lib
2 Aug 2018	14h46m39.89s	-15 03' 58.4"	5.3904	5.2167	-2.1	94.4	10.8	-19.54	270.21	9.84	110.4	Lib
3 Aug 2018	14h46m55.34s	-15 05' 23.5"	5.3902	5.2320	-2.1	93.5	10.8	-20.13	270.92	10.26	110.2	Lib
4 Aug 2018	14h47m11.44s	-15 06' 51.5"	5.3900	5.2474	-2.1	92.6	10.8	-20.71	271.63	10.67	110.1	Lib
5 Aug 2018	14h47m28.19s	-15 08' 22.1"	5.3897	5.2627	-2.1	91.7	10.8	-21.30	272.34	11.07	109.9	Lib
6 Aug 2018	14h47m45.58s	-15 09' 55.5"	5.3895	5.2781	-2.1	90.9	10.8	-21.88	273.06	11.48	109.8	Lib
7 Aug 2018	14h48m03.60s	-15 11' 31.5"	5.3892	5.2934	-2.1	90.0	10.8	-22.46	273.77	11.88	109.7	Lib
8 Aug 2018	14h48m22.27s	-15 13' 10.2"	5.3890	5.3088	-2.1	89.1	10.8	-23.04	274.48	12.28	109.5	Lib
9 Aug 2018	14h48m41.56s	-15 14' 51.5"	5.3888	5.3241	-2.1	88.2	10.8	-23.62	275.19	12.67	109.4	Lib
10 Aug 2018	14h49m01.48s	-15 16' 35.3"	5.3885	5.3395	-2.1	87.3	10.8	-24.19	275.91	13.06	109.3	Lib

EPHEMERIDE 2018 – JUPITER

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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24 Okt 2018	15h37m05.16s	-18 39' 27.9"	5.3693	6.2444	-1.7	26.1	4.7	-56.14	345.78	31.73	103.9	Lib
25 Okt 2018	15h37m56.90s	-18 42' 30.2"	5.3690	6.2508	-1.7	25.4	4.6	-56.31	347.06	31.84	103.8	Lib
26 Okt 2018	15h38m48.86s	-18 45' 32.0"	5.3688	6.2570	-1.7	24.6	4.4	-56.46	348.35	31.95	103.7	Lib
27 Okt 2018	15h39m41.03s	-18 48' 33.5"	5.3685	6.2630	-1.7	23.8	4.3	-56.60	349.65	32.06	103.6	Lib
28 Okt 2018	15h40m33.41s	-18 51' 34.5"	5.3682	6.2688	-1.7	23.0	4.1	-56.73	350.95	32.16	103.6	Lib
29 Okt 2018	15h41m25.99s	-18 54' 35.0"	5.3680	6.2745	-1.7	22.2	4.0	-56.84	352.26	32.26	103.5	Lib
30 Okt 2018	15h42m18.76s	-18 57' 35.0"	5.3677	6.2799	-1.7	21.4	3.9	-56.95	353.57	32.36	103.4	Lib
31 Okt 2018	15h43m11.73s	-19 00' 34.5"	5.3674	6.2851	-1.7	20.7	3.7	-57.05	354.89	32.45	103.3	Lib
1 Nov 2018	15h44m04.89s	-19 03' 33.4"	5.3671	6.2901	-1.7	19.9	3.6	-57.14	356.21	32.55	103.2	Lib
2 Nov 2018	15h44m58.23s	-19 06' 31.7"	5.3669	6.2949	-1.7	19.1	3.5	-57.21	357.54	32.63	103.2	Lib
3 Nov 2018	15h45m51.74s	-19 09' 29.4"	5.3666	6.2995	-1.7	18.3	3.3	-57.27	358.87	32.72	103.1	Lib
4 Nov 2018	15h46m45.43s	-19 12' 26.4"	5.3663	6.3039	-1.7	17.5	3.2	-57.33	0.20	32.80	103.0	Lib
5 Nov 2018	15h47m39.28s	-19 15' 22.8"	5.3660	6.3081	-1.7	16.7	3.0	-57.37	1.53	32.88	102.9	Lib
6 Nov 2018	15h48m33.30s	-19 18' 18.5"	5.3658	6.3121	-1.7	15.9	2.9	-57.40	2.86	32.95	102.8	Lib
7 Nov 2018	15h49m27.47s	-19 21' 13.4"	5.3655	6.3159	-1.7	15.2	2.8	-57.42	4.20	33.02	102.7	Lib
8 Nov 2018	15h50m21.73s	-19 24' 07.6"	5.3652	6.3195	-1.7	14.4	2.6	-57.43	5.53	33.09	102.7	Lib
9 Nov 2018	15h51m16.25s	-19 27' 01.0"	5.3649	6.3228	-1.7	13.6	2.5	-57.42	6.86	33.15	102.6	Lib
10 Nov 2018	15h52m10.85s	-19 29' 53.6"	5.3647	6.3260	-1.7	12.8	2.3	-57.41	8.19	33.21	102.5	Lib
11 Nov 2018	15h53m05.58s	-19 32' 45.3"	5.3644	6.3289	-1.7	12.0	2.2	-57.38	9.52	33.27	102.4	Lib
12 Nov 2018	15h54m00.43s	-19 35' 36.2"	5.3641	6.3316	-1.7	11.2	2.1	-57.35	10.84	33.32	102.3	Lib
13 Nov 2018	15h54m55.40s	-19 38' 26.1"	5.3638	6.3341	-1.7	10.5	1.9	-57.30	12.16	33.37	102.3	Lib
14 Nov 2018	15h55m50.48s	-19 41' 15.1"	5.3636	6.3364	-1.7	9.7	1.8	-57.25	13.47	33.41	102.2	Lib
15 Nov 2018	15h56m45.67s	-19 44' 03.2"	5.3633	6.3385	-1.7	8.9	1.6	-57.18	14.78	33.45	102.1	Lib
16 Nov 2018	15h57m40.96s	-19 46' 50.3"	5.3630	6.3404	-1.7	8.1	1.5	-57.10	16.09	33.49	102.0	Lib
17 Nov 2018	15h58m36.34s	-19 49' 36.4"	5.3627	6.3420	-1.7	7.3	1.3	-57.01	17.39	33.53	101.9	Lib
18 Nov 2018	15h59m31.82s	-19 52' 21.5"	5.3625	6.3434	-1.7	6.5	1.2	-56.91	18.68	33.56	101.8	Lib
19 Nov 2018	16h00m27.38s	-19 55' 05.5"	5.3622	6.3447	-1.7	5.8	1.1	-56.80	19.96	33.59	101.7	Lib
20 Nov 2018	16h01m23.01s	-19 57' 48.5"	5.3619	6.3457	-1.7	5.0	0.9	-56.68	21.24	33.61	101.7	Lib
21 Nov 2018	16h02m18.73s	-20 00' 30.4"	5.3616	6.3465	-1.7	4.2	0.8	-56.55	22.50	33.63	101.6	Sco
22 Nov 2018	16h03m14.51s	-20 03' 11.1"	5.3613	6.3470	-1.7	3.4	0.6	-56.41	23.76	33.65	101.5	Sco
23 Nov 2018	16h04m10.35s	-20 05' 50.8"	5.3611	6.3474	-1.7	2.7	0.5	-56.26	25.01	33.67	101.4	Sco
24 Nov 2018	16h05m06.25s	-20 08' 29.3"	5.3608	6.3475	-1.7	1.9	0.4	-56.10	26.25	33.68	101.3	Sco
25 Nov 2018	16h05m02.21s	-20 11' 06.6"	5.3605	6.3474	-1.7	1.2	0.2	-55.94	27.48	33.69	101.2	Sco
26 Nov 2018	16h06m58.22s	-20 13' 42.8"	5.3602	6.3472	-1.7	0.7	0.1	-55.76	28.70	33.70	101.1	Sco
27 Nov 2018	16h07m54.27s	-20 16' 17.8"	5.3599	6.3466	-1.7	0.9	0.2	-55.57	29.90	33.70	101.1	Sco
28 Nov 2018	16h08m50.36s	-20 18' 51.6"	5.3597	6.3459	-1.7	1.5	0.3	-55.38	31.10	33.71	101.0	Sco
29 Nov 2018	16h09m46.49s	-20 21' 24.1"	5.3594	6.3450	-1.7	2.2	0.4	-55.17	32.29	33.70	100.9	Sco
30 Nov 2018	16h10m42.64s	-20 23' 55.4"	5.3591	6.3438	-1.7	3.0	0.6	-54.96	33.46	33.70	100.8	Sco
1 Dez 2018	16h11m38.82s	-20 26' 25.5"	5.3588	6.3424	-1.7	3.8	0.7	-54.74	34.63	33.69	100.7	Sco
2 Dez 2018	16h12m35.02s	-20 28' 54.3"	5.3585	6.3409	-1.7	4.6	0.8	-54.51	35.78	33.68	100.6	Sco
3 Dez 2018	16h13m31.22s	-20 31' 21.8"	5.3583	6.3390	-1.7	5.4	1.0	-54.27	36.92	33.66	100.5	Sco
4 Dez 2018	16h14m27.44s	-20 33' 48.0"	5.3580	6.3370	-1.7	6.1	1.1	-54.03	38.04	33.64	100.5	Sco
5 Dez 2018	16h15m23.64s	-20 36' 12.9"	5.3577	6.3348	-1.7	6.9	1.3	-53.77	39.16	33.62	100.4	Sco
6 Dez 2018	16h16m19.84s	-20 38' 36.5"	5.3574	6.3323	-1.7	7.7	1.4	-53.51	40.26	33.59	100.3	Sco
7 Dez 2018	16h17m16.03s	-20 40' 58.7"	5.3571	6.3296	-1.7	8.5	1.6	-53.25	41.36	33.56	100.2	Sco
8 Dez 2018	16h18m12.19s	-20 43' 19.5"	5.3568	6.3267	-1.7	9.3	1.7	-52.97	42.44	33.53	100.1	Sco
9 Dez 2018	16h19m08.32s	-20 45' 38.9"	5.3566	6.3236	-1.7	10.1	1.8	-52.69	43.50	33.49	100.0	Sco
10 Dez 2018	16h20m04.42s	-20 47' 57.0"	5.3563	6.3202	-1.7	10.9	2.0	-52.40	44.56	33.45	99.9	Sco
11 Dez 2018	16h21m00.47s	-20 50' 13.6"	5.3560	6.3167	-1.7	11.7	2.1	-52.11	45.60	33.40	99.8	Sco
12 Dez 2018	16h21m56.48s	-20 52' 28.8"	5.3557	6.3129	-1.7	12.5	2.3	-51.81	46.63	33.35	99.8	Sco
13 Dez 2018	16h22m52.42s	-20 54' 42.6"	5.3554	6.3089	-1.7	13.3	2.4	-51.50	47.65	33.30	99.7	Sco
14 Dez 2018	16h23m48.31s	-20 56' 54.9"	5.3551	6.3047	-1.7	14.1	2.6	-51.18	48.66	33.24	99.6	Oph
15 Dez 2018	16h24m44.13s	-20 59' 05.7"	5.3548	6.3003	-1.7	14.9	2.7	-50.86	49.66	33.18	99.5	Oph
16 Dez 2018	16h25m39.88s	-21 01' 15.1"	5.3546	6.2957	-1.7	15.7	2.8	-50.54	50.64	33.12	99.4	Oph
17 Dez 2018	16h26m35.54s	-21 03' 23.0"	5.3543	6.2909	-1.7	16.4	3.0	-50.21	51.62	33.05	99.3	Oph
18 Dez 2018	16h27m31.12s	-21 05' 29.4"	5.3540	6.2858	-1.7	17.2	3.1	-49.87	52.58	32.98	99.2	Oph
19 Dez 2018	16h28m26.60s	-21 07' 34.3"	5.3537	6.2805	-1.8	18.0	3.3	-49.53	53.53	32.90	99.1	Oph
20 Dez 2018	16h29m21.99s	-21 09' 37.7"	5.3534	6.2751	-1.8	18.8	3.4	-49.18	54.47	32.83	99.1	Oph
21 Dez 2018	16h30m17.27s	-21 11' 39.6"	5.3531	6.2694	-1.8	19.6	3.5	-48.83	55.40	32.75	99.0	Oph
22 Dez 2018	16h31m12.44s	-21 13' 39.9"	5.3528	6.2635	-1.8	20.4	3.7	-48.47	56.32	32.66	98.9	Oph
23 Dez 2018	16h32m07.50s	-21 15' 38.8"	5.3525	6.2574	-1.8	21.2	3.8	-48.11	57.23	32.58	98.8	Oph
24 Dez 2018	16h33m02.44s	-21 17' 36.1"	5.3523	6.2512	-1.8	22.0	4.0	-47.74	58.13	32.49	98.7	Oph
25 Dez 2018	16h33m57.25s	-21 19' 31.9"	5.3520	6.2447	-1.8	22.9	4.1	-47.37	59.02	32.39	98.6	Oph
26 Dez 2018	16h34m51.93s	-21 21' 26.2"	5.3517	6.2380	-1.8	23.7	4.2	-46.99	59.90	32.30	98.5	Oph
27 Dez 2018	16h35m46.47s	-21 23' 18.9"	5.3514	6.2311	-1.8	24.5	4.4	-46.61	60.77	32.20	98.4	Oph
28 Dez 2018	16h36m40.86s	-21 25' 10.1"	5.3511	6.2240	-1.8	25.3	4.5	-46.22	61.63	32.10	98.4	Oph
29 Dez 2018	16h37m35.11s	-21 26' 59.8"	5.3508	6.2167	-1.8	26.1	4.6	-45.83	62.48	31.99	98.3	Oph
30 Dez 2018	16h38m29.20s	-21 28' 48.0"	5.3505	6.2092	-1.8	26.9	4.8	-45.44	63.32	31.88	98.2	Oph
31 Dez 2018	16h39m23.12s	-21 30' 34.6"	5.3502	6.2015	-1.8	27.7	4.9	-45.04	64.15	31.76	98.1	Oph
1 Jan 2019	16h40m16.87s	-21 32' 19.6"	5.3499	6.1935	-1.8	28.5	5.0	-44.64	64.98	31.64	98.0	Oph