



Die Bahn des Planeten Jupiter 2022

EPHEMERIDE 2022 – JUPITER

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
1 Jan 2022	22h10m44.00s	-12 19' 01.0"	4.9928	5.5674	-2.1	50.0	8.7	-39.67	307.84	29.52	69.0	Aqr
2 Jan 2022	22h11m28.96s	-12 14' 47.1"	4.9925	5.5793	-2.1	49.2	8.6	-40.00	308.77	29.76	69.0	Aqr
3 Jan 2022	22h12m14.25s	-12 10' 31.0"	4.9923	5.5911	-2.1	48.4	8.5	-40.31	309.70	29.99	69.0	Aqr
4 Jan 2022	22h12m59.87s	-12 06' 12.6"	4.9921	5.6027	-2.1	47.6	8.4	-40.63	310.64	30.21	69.0	Aqr
5 Jan 2022	22h13m45.80s	-12 01' 51.9"	4.9919	5.6142	-2.1	46.7	8.2	-40.93	311.59	30.43	69.0	Aqr
6 Jan 2022	22h14m32.04s	-11 57' 29.1"	4.9917	5.6256	-2.1	45.9	8.1	-41.23	312.55	30.65	68.9	Aqr
7 Jan 2022	22h15m18.59s	-11 53' 04.2"	4.9915	5.6367	-2.1	45.1	8.0	-41.52	313.51	30.86	68.9	Aqr
8 Jan 2022	22h16m05.43s	-11 48' 37.1"	4.9913	5.6478	-2.1	44.3	7.9	-41.80	314.48	31.06	68.9	Aqr
9 Jan 2022	22h16m52.56s	-11 44' 07.9"	4.9911	5.6586	-2.1	43.5	7.8	-42.08	315.46	31.26	68.8	Aqr
10 Jan 2022	22h17m39.96s	-11 39' 36.7"	4.9909	5.6693	-2.1	42.7	7.7	-42.35	316.44	31.46	68.8	Aqr
11 Jan 2022	22h18m27.64s	-11 35' 03.5"	4.9907	5.6798	-2.1	41.9	7.6	-42.61	317.43	31.65	68.8	Aqr
12 Jan 2022	22h19m15.59s	-11 30' 28.3"	4.9905	5.6902	-2.1	41.0	7.4	-42.87	318.42	31.84	68.8	Aqr
13 Jan 2022	22h20m03.79s	-11 25' 51.2"	4.9903	5.7004	-2.1	40.2	7.3	-43.12	319.42	32.02	68.7	Aqr
14 Jan 2022	22h20m51.24s	-11 21' 12.1"	4.9901	5.7104	-2.1	39.4	7.2	-43.36	320.43	32.20	68.7	Aqr
15 Jan 2022	22h21m40.95s	-11 16' 31.2"	4.9899	5.7203	-2.1	38.6	7.1	-43.59	321.45	32.37	68.7	Aqr
16 Jan 2022	22h22m29.89s	-11 11' 48.4"	4.9897	5.7300	-2.1	37.8	6.9	-43.81	322.47	32.54	68.7	Aqr
17 Jan 2022	22h23m19.06s	-11 07' 03.8"	4.9895	5.7395	-2.1	37.0	6.8	-44.03	323.49	32.71	68.6	Aqr
18 Jan 2022	22h24m08.47s	-11 02' 17.4"	4.9893	5.7489	-2.1	36.2	6.7	-44.24	324.52	32.88	68.6	Aqr
19 Jan 2022	22h24m58.09s	-10 57' 29.3"	4.9891	5.7581	-2.1	35.4	6.6	-44.44	325.56	33.03	68.6	Aqr
20 Jan 2022	22h25m47.93s	-10 52' 39.4"	4.9889	5.7671	-2.1	34.6	6.4	-44.63	326.61	33.19	68.6	Aqr
21 Jan 2022	22h26m37.99s	-10 47' 47.8"	4.9887	5.7759	-2.1	33.8	6.3	-44.82	327.66	33.34	68.5	Aqr
22 Jan 2022	22h27m28.24s	-10 42' 54.6"	4.9885	5.7845	-2.1	33.0	6.2	-44.99	328.71	33.49	68.5	Aqr
23 Jan 2022	22h28m18.70s	-10 37' 59.7"	4.9883	5.7930	-2.1	32.2	6.0	-45.16	329.77	33.64	68.5	Aqr
24 Jan 2022	22h29m09.36s	-10 33' 03.1"	4.9881	5.8013	-2.1	31.4	5.9	-45.32	330.84	33.78	68.5	Aqr
25 Jan 2022	22h30m00.21s	-10 28' 05.0"	4.9879	5.8094	-2.1	30.7	5.8	-45.47	331.91	33.92	68.4	Aqr
26 Jan 2022	22h30m51.24s	-10 23' 05.3"	4.9877	5.8173	-2.1	29.9	5.6	-45.61	332.98	34.06	68.4	Aqr
27 Jan 2022	22h31m42.45s	-10 18' 04.1"	4.9875	5.8251	-2.1	29.1	5.5	-45.74	334.06	34.19	68.4	Aqr
28 Jan 2022	22h32m33.83s	-10 13' 01.4"	4.9873	5.8326	-2.1	28.3	5.4	-45.86	335.14	34.32	68.4	Aqr
29 Jan 2022	22h33m25.38s	-10 07' 57.2"	4.9871	5.8400	-2.1	27.5	5.2	-45.97	336.22	34.44	68.3	Aqr
30 Jan 2022	22h34m17.10s	-10 02' 51.5"	4.9869	5.8471	-2.1	26.7	5.1	-46.08	337.31	34.56	68.3	Aqr
31 Jan 2022	22h35m08.97s	-09 57' 44.5"	4.9867	5.8541	-2.0	25.9	5.0	-46.18	338.41	34.68	68.3	Aqr
1 Feb 2022	22h36m00.99s	-09 52' 36.0"	4.9865	5.8609	-2.0	25.1	4.8	-46.26	339.50	34.79	68.3	Aqr
2 Feb 2022	22h36m53.16s	-09 47' 26.2"	4.9863	5.8675	-2.0	24.4	4.7	-46.34	340.60	34.90	68.2	Aqr
3 Feb 2022	22h37m45.46s	-09 42' 15.2"	4.9861	5.8739	-2.0	23.6	4.5	-46.41	341.70	35.01	68.2	Aqr
4 Feb 2022	22h38m37.90s	-09 37' 02.8"	4.9859	5.8801	-2.0	22.8	4.4	-46.47	342.80	35.11	68.2	Aqr
5 Feb 2022	22h39m30.46s	-09 31' 49.3"	4.9857	5.8860	-2.0	22.0	4.3	-46.52	343.90	35.20	68.2	Aqr
6 Feb 2022	22h40m23.14s	-09 26' 34.6"	4.9855	5.8918	-2.0	21.2	4.1	-46.56	345.01	35.29	68.1	Aqr
7 Feb 2022	22h41m15.93s	-09 21' 18.7"	4.9853	5.8974	-2.0	20.5	4.0	-46.59	346.11	35.38	68.1	Aqr
8 Feb 2022	22h42m08.83s	-09 16' 01.7"	4.9851	5.9028	-2.0	19.7	3.8	-46.61	347.22	35.46	68.1	Aqr
9 Feb 2022	22h43m01.83s	-09 10' 43.6"	4.9849	5.9080	-2.0	18.9	3.7	-46.62	348.33	35.54	68.1	Aqr
10 Feb 2022	22h43m54.92s	-09 05' 24.5"	4.9847	5.9130	-2.0	18.1	3.5	-46.62	349.43	35.62	68.0	Aqr
11 Feb 2022	22h44m48.11s	-09 00' 04.4"	4.9845	5.9179	-2.0	17.3	3.4	-46.62	350.54	35.69	68.0	Aqr
12 Feb 2022	22h45m41.38s	-08 54' 43.3"	4.9844	5.9224	-2.0	16.6	3.2	-46.60	351.65	35.76	68.0	Aqr
13 Feb 2022	22h46m34.74s	-08 49' 21.3"	4.9842	5.9268	-2.0	15.8	3.1	-46.58	352.75	35.83	68.0	Aqr
14 Feb 2022	22h47m28.17s	-08 43' 58.4"	4.9840	5.9310	-2.0	15.0	2.9	-46.54	353.86	35.89	68.0	Aqr
15 Feb 2022	22h48m21.67s	-08 38' 34.6"	4.9838	5.9350	-2.0	14.3	2.8	-46.50	354.96	35.95	67.9	Aqr
16 Feb 2022	22h49m15.24s	-08 33' 10.0"	4.9836	5.9388	-2.0	13.5	2.7	-46.44	356.06	36.01	67.9	Aqr
17 Feb 2022	22h50m08.88s	-08 27' 44.6"	4.9834	5.9424	-2.0	12.7	2.5	-46.38	357.16	36.06	67.9	Aqr
18 Feb 2022	22h51m02.57s	-08 22' 18.4"	4.9832	5.9458	-2.0	12.0	2.4	-46.31	358.25	36.12	67.9	Aqr
19 Feb 2022	22h51m56.31s	-08 16' 51.4"	4.9830	5.9490	-2.0	11.2	2.2	-46.23	359.34	36.16	67.9	Aqr
20 Feb 2022	22h52m50.11s	-08 11' 23.8"	4.9829	5.9520	-2.0	10.4	2.1	-46.14	0.43	36.21	67.8	Aqr
21 Feb 2022	22h53m43.96s	-08 05' 55.4"	4.9827	5.9548	-2.0	9.7	1.9	-46.04	1.52	36.25	67.8	Aqr
22 Feb 2022	22h54m37.84s	-08 00' 26.4"	4.9825	5.9573	-2.0	8.9	1.8	-45.93	2.60	36.29	67.8	Aqr
23 Feb 2022	22h55m31.76s	-07 54' 56.7"	4.9823	5.9597	-2.0	8.1	1.6	-45.81	3.68	36.33	67.8	Aqr
24 Feb 2022	22h56m25.72s	-07 49' 26.5"	4.9821	5.9619	-2.0	7.4	1.5	-45.69	4.75	36.36	67.8	Aqr
25 Feb 2022	22h57m19.71s	-07 43' 55.7"	4.9819	5.9638	-2.0	6.6	1.3	-45.55	5.82	36.39	67.7	Aqr
26 Feb 2022	22h58m13.72s	-07 38' 24.3"	4.9818	5.9656	-2.0	5.9	1.2	-45.41	6.88	36.42	67.7	Aqr
27 Feb 2022	22h59m07.75s	-07 32' 52.5"	4.9816	5.9671	-2.0	5.1	1.0	-45.25	7.94	36.44	67.7	Aqr
28 Feb 2022	23h00m01.80s	-07 27' 20.1"	4.9814	5.9684	-2.0	4.4	0.9	-45.09	9.00	36.46	67.7	Aqr
1 Mar 2022	23h00m55.85s	-07 21' 47.4"	4.9812	5.9696	-2.0	3.6	0.7	-44.92	10.04	36.48	67.7	Aqr
2 Mar 2022	23h01m49.91s	-07 16' 14.3"	4.9810	5.9705	-2.0	2.9	0.6	-44.75	11.09	36.49	67.6	Aqr
3 Mar 2022	23h02m43.97s	-07 10' 40.8"	4.9808	5.9712	-2.0	2.2	0.4	-44.56	12.12	36.50	67.6	Aqr
4 Mar 2022	23h03m38.02s	-07 05' 07.0"	4.9807	5.9717	-2.0	1.6	0.3	-44.36	13.15	36.50	67.6	Aqr
5 Mar 2022	23h04m32.06s	-06 59' 33.0"	4.9805	5.9720	-2.0	1.1	0.2	-44.16	14.18	36.50	67.6	Aqr
6 Mar 2022	23h05m26.09s	-06 53' 58.7"	4.9803	5.9721	-2.0	1.0	0.2	-43.95	15.19	36.50	67.6	Aqr
7 Mar 2022	23h06m20.09s	-06 48' 24.2"	4.9801	5.9720	-2.0	1.5	0.3	-43.73	16.20	36.49	67.6	Aqr
8 Mar 2022	23h07m14.06s	-06 42' 49.6"	4.9800	5.9717	-2.0	2.1	0.4	-43.51	17.21	36.48	67.5	Aqr
9 Mar 2022	23h08m08.00s	-06 37' 14.9"	4.9798	5.9711	-2.0	2.8	0.6	-43.27	18.21	36.47	67.5	Aqr
10 Mar 2022	23h09m01.91s	-06 31' 40.2"	4.9796	5.9704	-2.0	3.5	0.7	-43.03	19.20	36.45	67.5	Aqr
11 Mar 2022	23h09m55.77s	-06 26' 05.3"	4.9794	5.9694	-2.0	4.2	0.8	-42.78	20.18	36.43	67.5	Aqr
12 Mar 2022	23h10m49.59s	-06 20' 30.5"	4.9792	5.9683	-2.0	5.0	1.0	-42.52	21.16	36.41	67.5	Aqr
13 Mar 2022	23h11m43.37s	-06 14' 55.8"	4.9791	5.9669	-2.0	5.7	1.1	-42.26	22.13	36.38	67.5	Aqr
14 Mar 2022	23h12m37.08s	-06 09' 21.0"	4.9789	5.9654	-2.0	6.5	1.3	-41.99	23.09	36.35	67.5	Aqr
15 Mar 2022	23h13m30.75s	-06 03' 46.4"	4.9787	5.9636	-2.0	7.2	1.4	-41.71	24.04	36.32	67.5	Aqr

EPHEMERIDE 2022 – JUPITER

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
16 Mar 2022	23h14m24.35s	-05 58' 12.0"	4.9785	5.9617	-2.0	7.9	1.6	-41.43	24.99	36.29	67.4	Aqr
17 Mar 2022	23h15m17.88s	-05 52' 37.7"	4.9784	5.9595	-2.0	8.7	1.7	-41.13	25.93	36.25	67.4	Aqr
18 Mar 2022	23h16m11.35s	-05 47' 03.6"	4.9782	5.9571	-2.0	9.4	1.9	-40.84	26.86	36.21	67.4	Aqr
19 Mar 2022	23h17m04.75s	-05 41' 29.7"	4.9780	5.9546	-2.0	10.2	2.0	-40.53	27.79	36.17	67.4	Aqr
20 Mar 2022	23h17m58.07s	-05 35' 56.1"	4.9779	5.9518	-2.0	11.0	2.2	-40.22	28.71	36.12	67.4	Aqr
21 Mar 2022	23h18m51.31s	-05 30' 22.7"	4.9777	5.9488	-2.0	11.7	2.3	-39.90	29.62	36.08	67.4	Aqr
22 Mar 2022	23h19m44.47s	-05 24' 49.7"	4.9775	5.9457	-2.0	12.5	2.5	-39.58	30.52	36.03	67.4	Aqr
23 Mar 2022	23h20m37.55s	-05 19' 17.0"	4.9773	5.9423	-2.0	13.2	2.6	-39.25	31.42	35.97	67.4	Aqr
24 Mar 2022	23h21m30.53s	-05 13' 44.7"	4.9772	5.9388	-2.0	14.0	2.8	-38.91	32.31	35.92	67.4	Aqr
25 Mar 2022	23h22m23.42s	-05 08' 12.9"	4.9770	5.9350	-2.0	14.7	2.9	-38.57	33.19	35.86	67.4	Aqr
26 Mar 2022	23h23m16.21s	-05 02' 41.5"	4.9768	5.9310	-2.0	15.5	3.1	-38.22	34.06	35.79	67.3	Aqr
27 Mar 2022	23h24m08.90s	-04 57' 10.5"	4.9767	5.9269	-2.0	16.2	3.2	-37.87	34.93	35.73	67.3	Aqr
28 Mar 2022	23h25m01.48s	-04 51' 40.1"	4.9765	5.9225	-2.0	17.0	3.4	-37.51	35.79	35.66	67.3	Aqr
29 Mar 2022	23h25m53.95s	-04 46' 10.3"	4.9763	5.9180	-2.0	17.7	3.5	-37.14	36.64	35.59	67.3	Aqr
30 Mar 2022	23h26m46.30s	-04 40' 41.0"	4.9762	5.9132	-2.0	18.5	3.6	-36.77	37.49	35.51	67.3	Aqr
31 Mar 2022	23h27m38.53s	-04 35' 12.4"	4.9760	5.9083	-2.0	19.2	3.8	-36.40	38.32	35.43	67.3	Aqr
1 Apr 2022	23h28m30.63s	-04 29' 44.5"	4.9758	5.9032	-2.0	20.0	3.9	-36.02	39.16	35.34	67.3	Aqr
2 Apr 2022	23h29m23.42s	-04 24' 17.4"	4.9757	5.8978	-2.0	20.7	4.1	-35.63	39.98	35.26	67.3	Aqr
3 Apr 2022	23h30m14.42s	-04 18' 50.9"	4.9755	5.8923	-2.0	21.5	4.2	-35.24	40.80	35.17	67.3	Aqr
4 Apr 2022	23h31m06.11s	-04 13' 25.4"	4.9753	5.8866	-2.0	22.2	4.4	-34.85	41.61	35.07	67.3	Aqr
5 Apr 2022	23h31m57.65s	-04 08' 00.6"	4.9752	5.8807	-2.0	23.0	4.5	-34.44	42.42	34.97	67.3	Aqr
6 Apr 2022	23h32m49.04s	-04 02' 36.8"	4.9750	5.8746	-2.0	23.7	4.6	-34.04	43.22	34.87	67.3	Aqr
7 Apr 2022	23h33m40.27s	-03 57' 13.8"	4.9749	5.8684	-2.0	24.5	4.8	-33.63	44.01	34.76	67.3	Aqr
8 Apr 2022	23h34m31.34s	-03 51' 51.9"	4.9747	5.8619	-2.1	25.2	4.9	-33.22	44.80	34.66	67.3	Aqr
9 Apr 2022	23h35m22.25s	-03 46' 30.9"	4.9745	5.8553	-2.1	26.0	5.1	-32.80	45.58	34.55	67.3	Aqr
10 Apr 2022	23h36m12.98s	-03 41' 11.0"	4.9744	5.8484	-2.1	26.7	5.2	-32.37	46.35	34.43	67.3	Aqr
11 Apr 2022	23h37m03.55s	-03 35' 52.2"	4.9742	5.8414	-2.1	27.5	5.3	-31.95	47.12	34.31	67.3	Aqr
12 Apr 2022	23h37m53.93s	-03 30' 34.4"	4.9740	5.8342	-2.1	28.3	5.5	-31.52	47.88	34.19	67.3	Aqr
13 Apr 2022	23h38m44.14s	-03 25' 17.8"	4.9739	5.8269	-2.1	29.0	5.6	-31.08	48.64	34.07	67.3	Aqr
14 Apr 2022	23h39m34.16s	-03 20' 02.4"	4.9737	5.8193	-2.1	29.8	5.7	-30.64	49.39	33.94	67.3	Aqr
15 Apr 2022	23h40m23.99s	-03 14' 48.2"	4.9736	5.8116	-2.1	30.5	5.9	-30.20	50.14	33.81	67.3	Psc
16 Apr 2022	23h41m13.63s	-03 09' 35.2"	4.9734	5.8037	-2.1	31.3	6.0	-29.75	50.88	33.68	67.3	Psc
17 Apr 2022	23h42m03.07s	-03 04' 23.5"	4.9733	5.7956	-2.1	32.0	6.1	-29.30	51.62	33.55	67.3	Psc
18 Apr 2022	23h42m52.32s	-02 59' 13.1"	4.9731	5.7874	-2.1	32.8	6.3	-28.85	52.35	33.41	67.3	Psc
19 Apr 2022	23h43m41.36s	-02 54' 04.0"	4.9729	5.7790	-2.1	33.5	6.4	-28.39	53.08	33.27	67.3	Psc
20 Apr 2022	23h44m30.19s	-02 48' 56.2"	4.9728	5.7704	-2.1	34.3	6.5	-27.93	53.80	33.13	67.3	Psc
21 Apr 2022	23h45m18.82s	-02 43' 49.9"	4.9726	5.7617	-2.1	35.0	6.7	-27.46	54.52	32.98	67.3	Psc
22 Apr 2022	23h46m07.22s	-02 38' 45.0"	4.9725	5.7527	-2.1	35.8	6.8	-26.99	55.23	32.83	67.3	Psc
23 Apr 2022	23h46m55.41s	-02 33' 41.5"	4.9723	5.7437	-2.1	36.6	6.9	-26.52	55.93	32.68	67.3	Psc
24 Apr 2022	23h47m43.37s	-02 28' 39.5"	4.9722	5.7344	-2.1	37.3	7.0	-26.05	56.64	32.52	67.3	Psc
25 Apr 2022	23h48m31.10s	-02 23' 39.1"	4.9720	5.7250	-2.1	38.1	7.2	-25.57	57.34	32.36	67.3	Psc
26 Apr 2022	23h49m18.59s	-02 18' 40.3"	4.9719	5.7154	-2.1	38.8	7.3	-25.09	58.03	32.20	67.3	Psc
27 Apr 2022	23h50m05.84s	-02 13' 43.1"	4.9717	5.7057	-2.1	39.6	7.4	-24.60	58.72	32.03	67.3	Psc
28 Apr 2022	23h50m52.84s	-02 08' 47.6"	4.9716	5.6958	-2.1	40.4	7.5	-24.11	59.41	31.86	67.3	Psc
29 Apr 2022	23h51m39.59s	-02 03' 53.7"	4.9714	5.6857	-2.1	41.1	7.7	-23.62	60.10	31.68	67.4	Psc
30 Apr 2022	23h52m26.08s	-01 59' 01.7"	4.9713	5.6755	-2.1	41.9	7.8	-23.13	60.78	31.50	67.4	Psc
1 Mai 2022	23h53m12.31s	-01 54' 11.4"	4.9711	5.6652	-2.1	42.6	7.9	-22.64	61.45	31.32	67.4	Psc
2 Mai 2022	23h53m58.26s	-01 49' 23.0"	4.9710	5.6546	-2.1	43.4	8.0	-22.14	62.13	31.13	67.4	Psc
3 Mai 2022	23h54m43.95s	-01 44' 36.4"	4.9708	5.6440	-2.1	44.2	8.1	-21.64	62.80	30.94	67.4	Psc
4 Mai 2022	23h55m29.35s	-01 39' 51.8"	4.9707	5.6331	-2.1	44.9	8.2	-21.13	63.46	30.74	67.4	Psc
5 Mai 2022	23h56m14.47s	-01 35' 09.1"	4.9705	5.6222	-2.1	45.7	8.3	-20.62	64.13	30.54	67.4	Psc
6 Mai 2022	23h56m59.30s	-01 30' 28.4"	4.9704	5.6111	-2.1	46.5	8.5	-20.12	64.79	30.34	67.4	Psc
7 Mai 2022	23h57m43.83s	-01 25' 49.8"	4.9702	5.5998	-2.1	47.2	8.6	-19.60	65.45	30.13	67.4	Psc
8 Mai 2022	23h58m28.07s	-01 21' 13.2"	4.9701	5.5884	-2.1	48.0	8.7	-19.09	66.10	29.92	67.5	Psc
9 Mai 2022	23h59m12.00s	-01 16' 38.8"	4.9699	5.5769	-2.1	48.8	8.8	-18.57	66.76	29.71	67.5	Psc
10 Mai 2022	23h59m55.62s	-01 12' 06.5"	4.9698	5.5652	-2.1	49.5	8.9	-18.05	67.41	29.50	67.5	Psc
11 Mai 2022	00h00m38.92s	-01 07' 36.3"	4.9696	5.5534	-2.2	50.3	9.0	-17.53	68.06	29.28	67.5	Psc
12 Mai 2022	00h01m21.91s	-01 03' 08.4"	4.9695	5.5415	-2.2	51.1	9.1	-17.01	68.71	29.05	67.5	Psc
13 Mai 2022	00h02m04.58s	-00 58' 42.8"	4.9694	5.5294	-2.2	51.9	9.2	-16.48	69.35	28.83	67.5	Psc
14 Mai 2022	00h02m46.92s	-00 54' 19.4"	4.9692	5.5172	-2.2	52.6	9.3	-15.96	69.99	28.60	67.5	Psc
15 Mai 2022	00h03m28.92s	-00 49' 58.3"	4.9691	5.5049	-2.2	53.4	9.4	-15.43	70.64	28.36	67.6	Psc
16 Mai 2022	00h04m10.59s	-00 45' 39.5"	4.9689	5.4925	-2.2	54.2	9.5	-14.90	71.28	28.13	67.6	Psc
17 Mai 2022	00h04m51.92s	-00 41' 23.1"	4.9688	5.4799	-2.2	55.0	9.6	-14.36	71.92	27.89	67.6	Psc
18 Mai 2022	00h05m32.91s	-00 37' 09.2"	4.9686	5.4673	-2.2	55.7	9.7	-13.83	72.55	27.65	67.6	Psc
19 Mai 2022	00h06m13.54s	-00 32' 57.6"	4.9685	5.4545	-2.2	56.5	9.8	-13.29	73.19	27.40	67.6	Psc
20 Mai 2022	00h06m53.82s	-00 28' 48.5"	4.9684	5.4416	-2.2	57.3	9.9	-12.75	73.82	27.15	67.7	Psc
21 Mai 2022	00h07m33.73s	-00 24' 42.0"	4.9682	5.4285	-2.2	58.1	10.0	-12.21	74.46	26.90	67.7	Psc
22 Mai 2022	00h08m13.28s	-00 20' 38.0"	4.9681	5.4154	-2.2	58.9	10.0	-11.67	75.09	26.64	67.7	Psc
23 Mai 2022	00h08m52.45s	-00 16' 36.6"	4.9680	5.4021	-2.2	59.6	10.1	-11.12	75.72	26.38	67.7	Psc
24 Mai 2022	00h09m31.25s	-00 12' 37.8"	4.9678	5.3888	-2.2	60.4	10.2	-10.58	76.36	26.11	67.7	Psc
25 Mai 2022	00h10m09.65s	-00 08' 41.8"	4.9677	5.3753	-2.2	61.2	10.3	-10.03	76.99	25.84	67.8	Psc
26 Mai 2022	00h10m47.66s	-00 04' 48.4"	4.9675	5.3617	-2.2	62.0	10.4	-9.48	77.62	25.56	67.8	Psc
27 Mai 2022	00h11m25.27s	-00 00' 57.9"	4.9674	5.3481	-2.2	62.8	10.5	-8.93	78.25	25.28	67.8	Psc
28 Mai 2022	00h12m02.48s	+00 02' 49.8"	4.9673	5.3343	-2.2	63.6	10.5	-8.38	78.88	24.99	67.8	Psc

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Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
29 Mai 2022	00h12m39.27s	+00 06' 34.6"	4.9671	5.3204	-2.2	64.4	10.6	-7.82	79.51	24.70	67.9	Psc
30 Mai 2022	00h13m15.64s	+00 10' 16.6"	4.9670	5.3065	-2.2	65.2	10.7	-7.27	80.14	24.41	67.9	Psc
31 Mai 2022	00h13m51.58s	+00 13' 55.6"	4.9669	5.2924	-2.2	66.0	10.7	-6.71	80.77	24.11	67.9	Psc
1 Jun 2022	00h14m27.10s	+00 17' 31.6"	4.9667	5.2783	-2.3	66.8	10.8	-6.15	81.40	23.81	68.0	Psc
2 Jun 2022	00h15m02.17s	+00 21' 04.6"	4.9666	5.2641	-2.3	67.6	10.9	-5.59	82.04	23.50	68.0	Psc
3 Jun 2022	00h15m36.80s	+00 24' 34.6"	4.9665	5.2498	-2.3	68.4	10.9	-5.03	82.67	23.19	68.0	Psc
4 Jun 2022	00h16m10.98s	+00 28' 01.4"	4.9663	5.2354	-2.3	69.2	11.0	-4.47	83.30	22.88	68.0	Psc
5 Jun 2022	00h16m44.71s	+00 31' 25.1"	4.9662	5.2209	-2.3	70.0	11.1	-3.91	83.94	22.56	68.1	Psc
6 Jun 2022	00h17m17.97s	+00 34' 45.6"	4.9661	5.2064	-2.3	70.8	11.1	-3.35	84.57	22.23	68.1	Psc
7 Jun 2022	00h17m50.77s	+00 38' 02.8"	4.9659	5.1918	-2.3	71.6	11.2	-2.78	85.21	21.91	68.2	Psc
8 Jun 2022	00h18m23.09s	+00 41' 16.8"	4.9658	5.1771	-2.3	72.4	11.2	-2.22	85.85	21.58	68.2	Psc
9 Jun 2022	00h18m54.94s	+00 44' 27.6"	4.9657	5.1624	-2.3	73.2	11.3	-1.65	86.49	21.24	68.2	Psc
10 Jun 2022	00h19m26.30s	+00 47' 35.0"	4.9656	5.1476	-2.3	74.1	11.3	-1.08	87.13	20.91	68.3	Psc
11 Jun 2022	00h19m57.18s	+00 50' 39.1"	4.9654	5.1327	-2.3	74.9	11.4	-0.51	87.77	20.56	68.3	Psc
12 Jun 2022	00h20m27.56s	+00 53' 39.8"	4.9653	5.1178	-2.3	75.7	11.4	0.06	88.42	20.22	68.3	Psc
13 Jun 2022	00h20m57.44s	+00 56' 37.0"	4.9652	5.1029	-2.3	76.5	11.5	0.62	89.07	19.87	68.4	Psc
14 Jun 2022	00h21m26.81s	+00 59' 30.9"	4.9650	5.0878	-2.3	77.3	11.5	1.19	89.72	19.52	68.4	Psc
15 Jun 2022	00h21m55.68s	+01 02' 21.2"	4.9649	5.0728	-2.3	78.2	11.5	1.77	90.37	19.16	68.5	Psc
16 Jun 2022	00h22m24.03s	+01 05' 08.1"	4.9648	5.0577	-2.3	79.0	11.6	2.34	91.02	18.80	68.5	Psc
17 Jun 2022	00h22m51.86s	+01 07' 51.4"	4.9647	5.0425	-2.3	79.8	11.6	2.91	91.68	18.44	68.6	Psc
18 Jun 2022	00h23m19.16s	+01 10' 31.2"	4.9645	5.0273	-2.4	80.7	11.6	3.48	92.34	18.07	68.6	Psc
19 Jun 2022	00h23m45.92s	+01 13' 07.3"	4.9644	5.0121	-2.4	81.5	11.7	4.05	93.00	17.70	68.7	Psc
20 Jun 2022	00h24m12.14s	+01 15' 39.7"	4.9643	4.9969	-2.4	82.3	11.7	4.63	93.67	17.32	68.7	Psc
21 Jun 2022	00h24m37.81s	+01 18' 08.4"	4.9642	4.9816	-2.4	83.2	11.7	5.20	94.34	16.94	68.8	Psc
22 Jun 2022	00h25m02.93s	+01 20' 33.4"	4.9641	4.9662	-2.4	84.0	11.7	5.77	95.01	16.55	68.9	Psc
23 Jun 2022	00h25m27.47s	+01 22' 54.6"	4.9639	4.9509	-2.4	84.8	11.8	6.35	95.69	16.15	68.9	Psc
24 Jun 2022	00h25m51.45s	+01 25' 11.9"	4.9638	4.9355	-2.4	85.7	11.8	6.92	96.37	15.76	69.0	Psc
25 Jun 2022	00h26m14.85s	+01 27' 25.4"	4.9637	4.9201	-2.4	86.5	11.8	7.49	97.05	15.36	69.1	Psc
26 Jun 2022	00h26m37.67s	+01 29' 34.9"	4.9636	4.9048	-2.4	87.4	11.8	8.06	97.74	14.95	69.2	Cet
27 Jun 2022	00h26m59.89s	+01 31' 40.5"	4.9635	4.8893	-2.4	88.3	11.8	8.64	98.44	14.54	69.2	Cet
28 Jun 2022	00h27m21.52s	+01 33' 42.1"	4.9633	4.8739	-2.4	89.1	11.8	9.21	99.13	14.12	69.3	Cet
29 Jun 2022	00h27m42.54s	+01 35' 39.7"	4.9632	4.8585	-2.4	90.0	11.8	9.78	99.84	13.70	69.4	Cet
30 Jun 2022	00h28m02.95s	+01 37' 33.2"	4.9631	4.8431	-2.4	90.8	11.8	10.35	100.54	13.28	69.5	Cet
1 Jul 2022	00h28m22.75s	+01 39' 22.5"	4.9630	4.8277	-2.4	91.7	11.8	10.92	101.25	12.86	69.6	Cet
2 Jul 2022	00h28m41.92s	+01 41' 07.8"	4.9629	4.8123	-2.5	92.6	11.8	11.49	101.97	12.43	69.7	Cet
3 Jul 2022	00h29m00.47s	+01 42' 48.9"	4.9628	4.7969	-2.5	93.4	11.8	12.06	102.69	11.99	69.9	Cet
4 Jul 2022	00h29m18.39s	+01 44' 25.8"	4.9626	4.7815	-2.5	94.3	11.8	12.63	103.42	11.55	70.0	Cet
5 Jul 2022	00h29m35.67s	+01 45' 58.5"	4.9625	4.7661	-2.5	95.2	11.8	13.20	104.16	11.11	70.1	Cet
6 Jul 2022	00h29m52.30s	+01 47' 26.9"	4.9624	4.7508	-2.5	96.1	11.8	13.77	104.90	10.67	70.3	Cet
7 Jul 2022	00h30m08.29s	+01 48' 51.1"	4.9623	4.7355	-2.5	97.0	11.7	14.33	105.64	10.22	70.4	Cet
8 Jul 2022	00h30m23.63s	+01 50' 11.0"	4.9622	4.7202	-2.5	97.8	11.7	14.90	106.40	9.78	70.6	Cet
9 Jul 2022	00h30m38.32s	+01 51' 26.6"	4.9621	4.7050	-2.5	98.7	11.7	15.46	107.16	9.32	70.8	Cet
10 Jul 2022	00h30m52.34s	+01 52' 37.9"	4.9620	4.6898	-2.5	99.6	11.7	16.02	107.92	8.87	71.0	Cet
11 Jul 2022	00h31m05.70s	+01 53' 44.8"	4.9618	4.6746	-2.5	100.5	11.6	16.58	108.70	8.41	71.3	Cet
12 Jul 2022	00h31m18.40s	+01 54' 47.3"	4.9617	4.6595	-2.5	101.4	11.6	17.14	109.48	7.95	71.5	Cet
13 Jul 2022	00h31m30.42s	+01 55' 45.5"	4.9616	4.6445	-2.5	102.3	11.5	17.69	110.27	7.49	71.8	Cet
14 Jul 2022	00h31m41.77s	+01 56' 39.3"	4.9615	4.6295	-2.5	103.2	11.5	18.25	111.06	7.03	72.2	Cet
15 Jul 2022	00h31m52.43s	+01 57' 28.7"	4.9614	4.6145	-2.5	104.1	11.5	18.80	111.87	6.56	72.5	Cet
16 Jul 2022	00h32m02.41s	+01 58' 13.6"	4.9613	4.5996	-2.6	105.0	11.4	19.35	112.68	6.09	73.0	Cet
17 Jul 2022	00h32m11.70s	+01 58' 54.0"	4.9612	4.5848	-2.6	105.9	11.4	19.89	113.50	5.62	73.5	Cet
18 Jul 2022	00h32m20.30s	+01 59' 29.9"	4.9611	4.5700	-2.6	106.9	11.3	20.44	114.33	5.14	74.1	Cet
19 Jul 2022	00h32m28.19s	+02 00' 01.4"	4.9610	4.5553	-2.6	107.8	11.2	20.98	115.16	4.67	74.8	Cet
20 Jul 2022	00h32m35.38s	+02 00' 28.2"	4.9609	4.5407	-2.6	108.7	11.2	21.51	116.01	4.19	75.8	Cet
21 Jul 2022	00h32m41.86s	+02 00' 50.5"	4.9608	4.5262	-2.6	109.6	11.1	22.05	116.87	3.70	76.9	Cet
22 Jul 2022	00h32m47.63s	+02 01' 08.2"	4.9607	4.5117	-2.6	110.6	11.1	22.58	117.73	3.22	78.4	Cet
23 Jul 2022	00h32m52.68s	+02 01' 21.3"	4.9606	4.4974	-2.6	111.5	11.0	23.11	118.61	2.74	80.5	Cet
24 Jul 2022	00h32m57.01s	+02 01' 29.8"	4.9605	4.4831	-2.6	112.4	10.9	23.63	119.49	2.26	83.4	Cet
25 Jul 2022	00h33m00.62s	+02 01' 33.7"	4.9603	4.4689	-2.6	113.4	10.8	24.15	120.39	1.79	87.8	Cet
26 Jul 2022	00h33m03.50s	+02 01' 32.9"	4.9602	4.4548	-2.6	114.3	10.8	24.66	121.30	1.34	95.4	Cet
27 Jul 2022	00h33m05.66s	+02 01' 27.4"	4.9601	4.4409	-2.6	115.3	10.7	25.18	122.21	0.93	110.1	Cet
28 Jul 2022	00h33m07.09s	+02 01' 17.3"	4.9600	4.4270	-2.6	116.2	10.6	25.68	123.14	0.66	141.2	Cet
29 Jul 2022	00h33m07.78s	+02 01' 02.5"	4.9599	4.4133	-2.6	117.2	10.5	26.18	124.08	0.71	183.8	Cet
30 Jul 2022	00h33m07.75s	+02 00' 43.1"	4.9598	4.3997	-2.7	118.1	10.4	26.68	125.03	1.04	209.4	Cet
31 Jul 2022	00h33m06.98s	+02 00' 19.1"	4.9597	4.3862	-2.7	119.1	10.3	27.17	125.99	1.46	221.5	Cet
1 Aug 2022	00h33m05.48s	+01 59' 50.4"	4.9596	4.3728	-2.7	120.1	10.2	27.65	126.97	1.93	228.0	Cet
2 Aug 2022	00h33m03.26s	+01 59' 17.0"	4.9595	4.3596	-2.7	121.0	10.1	28.13	127.95	2.40	231.9	Cet
3 Aug 2022	00h33m00.30s	+01 58' 39.1"	4.9594	4.3465	-2.7	122.0	10.0	28.60	128.95	2.88	234.5	Cet
4 Aug 2022	00h32m56.62s	+01 57' 56.6"	4.9593	4.3335	-2.7	123.0	9.9	29.07	129.96	3.37	236.4	Cet
5 Aug 2022	00h32m52.21s	+01 57' 09.5"	4.9592	4.3207	-2.7	123.9	9.8	29.53	130.98	3.86	237.8	Cet
6 Aug 2022	00h32m47.07s	+01 56' 17.9"	4.9591	4.3081	-2.7	124.9	9.7	29.98	132.02	4.34	238.9	Cet
7 Aug 2022	00h32m41.22s	+01 55' 21.7"	4.9591	4.2956	-2.7	125.9	9.5	30.43	133.07	4.83	239.8	Cet
8 Aug 2022	00h32m34.65s	+01 54' 21.1"	4.9590	4.2832	-2.7	126.9	9.4	30.86	134.13	5.31	240.5	Cet
9 Aug 2022	00h32m27.37s	+01 53' 16.0"	4.9589	4.2711	-2.7	127.9	9.3	31.29	135.20	5.79	241.1	Cet
10 Aug 2022	00h32m19.38s	+01 52' 06.5"	4.9588	4.2591	-2.7	128.9	9.2	31.71	136.29	6.27	241.6	Cet

EPHEMERIDE 2022 – JUPITER

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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11 Aug 2022	00h32m10.68s	+01 50' 52.6"	4.9587	4.2472	-2.7	129.9	9.0	32.13	137.39	6.75	242.0	Cet
12 Aug 2022	00h32m01.28s	+01 49' 34.3"	4.9586	4.2356	-2.7	130.9	8.9	32.53	138.51	7.23	242.4	Cet
13 Aug 2022	00h31m51.18s	+01 48' 11.7"	4.9585	4.2241	-2.8	131.9	8.7	32.92	139.64	7.70	242.7	Cet
14 Aug 2022	00h31m40.38s	+01 46' 44.8"	4.9584	4.2128	-2.8	132.9	8.6	33.31	140.78	8.17	243.0	Cet
15 Aug 2022	00h31m28.89s	+01 45' 13.6"	4.9583	4.2016	-2.8	133.9	8.5	33.68	141.93	8.64	243.3	Cet
16 Aug 2022	00h31m16.71s	+01 43' 38.2"	4.9582	4.1907	-2.8	134.9	8.3	34.05	143.10	9.10	243.5	Cet
17 Aug 2022	00h31m03.85s	+01 41' 58.6"	4.9581	4.1800	-2.8	136.0	8.2	34.40	144.28	9.56	243.7	Cet
18 Aug 2022	00h30m50.31s	+01 40' 14.9"	4.9580	4.1695	-2.8	137.0	8.0	34.74	145.48	10.02	243.9	Cet
19 Aug 2022	00h30m36.10s	+01 38' 27.0"	4.9579	4.1591	-2.8	138.0	7.8	35.08	146.68	10.47	244.1	Cet
20 Aug 2022	00h30m21.23s	+01 36' 35.1"	4.9579	4.1490	-2.8	139.0	7.7	35.40	147.91	10.92	244.2	Cet
21 Aug 2022	00h30m05.70s	+01 34' 39.2"	4.9578	4.1391	-2.8	140.1	7.5	35.70	149.14	11.36	244.4	Cet
22 Aug 2022	00h29m49.52s	+01 32' 39.3"	4.9577	4.1294	-2.8	141.1	7.4	36.00	150.39	11.79	244.5	Cet
23 Aug 2022	00h29m32.71s	+01 30' 35.5"	4.9576	4.1199	-2.8	142.2	7.2	36.28	151.65	12.22	244.6	Cet
24 Aug 2022	00h29m15.26s	+01 28' 28.0"	4.9575	4.1107	-2.8	143.2	7.0	36.55	152.92	12.65	244.8	Cet
25 Aug 2022	00h28m57.20s	+01 26' 16.7"	4.9574	4.1016	-2.8	144.2	6.8	36.81	154.20	13.06	244.9	Cet
26 Aug 2022	00h28m38.53s	+01 24' 01.8"	4.9573	4.0929	-2.8	145.3	6.7	37.05	155.50	13.47	245.0	Cet
27 Aug 2022	00h28m19.26s	+01 21' 43.3"	4.9572	4.0843	-2.8	146.3	6.5	37.28	156.81	13.86	245.1	Cet
28 Aug 2022	00h27m59.41s	+01 19' 21.3"	4.9572	4.0760	-2.8	147.4	6.3	37.49	158.12	14.25	245.2	Cet
29 Aug 2022	00h27m38.98s	+01 16' 55.9"	4.9571	4.0679	-2.8	148.5	6.1	37.69	159.45	14.63	245.2	Cet
30 Aug 2022	00h27m18.00s	+01 14' 27.2"	4.9570	4.0601	-2.9	149.5	5.9	37.88	160.79	15.00	245.3	Cet
31 Aug 2022	00h26m56.48s	+01 11' 55.4"	4.9569	4.0525	-2.9	150.6	5.7	38.05	162.14	15.36	245.4	Cet
1 Sep 2022	00h26m34.43s	+01 09' 20.4"	4.9568	4.0452	-2.9	151.7	5.5	38.20	163.49	15.71	245.5	Cet
2 Sep 2022	00h26m11.87s	+01 06' 42.5"	4.9567	4.0382	-2.9	152.7	5.4	38.34	164.86	16.05	245.6	Psc
3 Sep 2022	00h25m48.81s	+01 04' 01.7"	4.9567	4.0314	-2.9	153.8	5.2	38.46	166.23	16.38	245.6	Psc
4 Sep 2022	00h25m25.28s	+01 01' 18.2"	4.9566	4.0249	-2.9	154.9	5.0	38.57	167.61	16.69	245.7	Psc
5 Sep 2022	00h25m01.27s	+01 58' 32.0"	4.9565	4.0186	-2.9	155.9	4.8	38.66	169.00	17.00	245.8	Psc
6 Sep 2022	00h24m36.83s	+00 55' 43.3"	4.9564	4.0126	-2.9	157.0	4.6	38.73	170.39	17.29	245.8	Psc
7 Sep 2022	00h24m11.95s	+00 52' 52.2"	4.9563	4.0069	-2.9	158.1	4.3	38.79	171.78	17.57	245.9	Psc
8 Sep 2022	00h23m46.66s	+00 49' 58.8"	4.9563	4.0014	-2.9	159.2	4.1	38.83	173.18	17.84	245.9	Psc
9 Sep 2022	00h23m20.97s	+00 47' 03.3"	4.9562	3.9963	-2.9	160.3	3.9	38.85	174.59	18.10	246.0	Psc
10 Sep 2022	00h22m54.91s	+00 44' 05.6"	4.9561	3.9914	-2.9	161.4	3.7	38.86	175.99	18.34	246.1	Psc
11 Sep 2022	00h22m28.48s	+00 41' 06.1"	4.9560	3.9867	-2.9	162.4	3.5	38.85	177.40	18.58	246.1	Psc
12 Sep 2022	00h22m01.71s	+00 38' 04.7"	4.9560	3.9824	-2.9	163.5	3.3	38.82	178.81	18.80	246.2	Psc
13 Sep 2022	00h21m34.61s	+00 35' 01.7"	4.9559	3.9784	-2.9	164.6	3.1	38.77	180.22	19.00	246.2	Psc
14 Sep 2022	00h21m07.20s	+00 31' 57.0"	4.9558	3.9746	-2.9	165.7	2.9	38.71	181.63	19.20	246.3	Psc
15 Sep 2022	00h20m39.51s	+00 28' 50.9"	4.9557	3.9711	-2.9	166.8	2.7	38.63	183.04	19.38	246.3	Psc
16 Sep 2022	00h20m11.54s	+00 25' 43.5"	4.9557	3.9680	-2.9	167.9	2.4	38.53	184.44	19.55	246.4	Psc
17 Sep 2022	00h19m43.33s	+00 22' 34.9"	4.9556	3.9651	-2.9	169.0	2.2	38.42	185.85	19.71	246.4	Psc
18 Sep 2022	00h19m14.89s	+00 19' 25.3"	4.9555	3.9625	-2.9	170.1	2.0	38.29	187.25	19.85	246.5	Psc
19 Sep 2022	00h18m46.24s	+00 16' 14.7"	4.9554	3.9602	-2.9	171.2	1.8	38.14	188.64	19.97	246.5	Psc
20 Sep 2022	00h18m17.40s	+00 13' 03.4"	4.9554	3.9582	-2.9	172.3	1.6	37.98	190.03	20.08	246.6	Psc
21 Sep 2022	00h17m48.40s	+00 09' 51.5"	4.9553	3.9565	-2.9	173.3	1.3	37.80	191.42	20.18	246.6	Psc
22 Sep 2022	00h17m19.25s	+00 06' 39.1"	4.9552	3.9551	-2.9	174.4	1.1	37.60	192.80	20.26	246.7	Psc
23 Sep 2022	00h16m49.99s	+00 03' 26.4"	4.9552	3.9540	-2.9	175.5	0.9	37.39	194.17	20.32	246.7	Psc
24 Sep 2022	00h16m20.63s	+00 00' 13.5"	4.9551	3.9532	-2.9	176.5	0.7	37.16	195.53	20.37	246.8	Psc
25 Sep 2022	00h15m51.19s	-00 02' 59.4"	4.9550	3.9527	-2.9	177.4	0.5	36.92	196.89	20.40	246.8	Psc
26 Sep 2022	00h15m21.71s	-00 06' 12.1"	4.9550	3.9525	-2.9	178.1	0.4	36.66	198.24	20.42	246.8	Psc
27 Sep 2022	00h14m52.20s	-00 09' 24.6"	4.9549	3.9527	-2.9	178.4	0.3	36.39	199.58	20.42	246.9	Psc
28 Sep 2022	00h14m22.68s	-00 12' 36.6"	4.9548	3.9531	-2.9	177.9	0.4	36.10	200.90	20.40	246.9	Psc
29 Sep 2022	00h13m53.19s	-00 15' 48.0"	4.9548	3.9538	-2.9	177.1	0.6	35.80	202.22	20.36	247.0	Psc
30 Sep 2022	00h13m23.74s	-00 18' 58.7"	4.9547	3.9549	-2.9	176.1	0.8	35.48	203.53	20.31	247.0	Psc
1 Okt 2022	00h12m54.36s	-00 22' 08.4"	4.9546	3.9562	-2.9	175.0	1.0	35.15	204.83	20.25	247.1	Psc
2 Okt 2022	00h12m25.08s	-00 25' 17.0"	4.9546	3.9579	-2.9	174.0	1.2	34.80	206.12	20.17	247.1	Psc
3 Okt 2022	00h11m55.90s	-00 28' 24.5"	4.9545	3.9598	-2.9	172.9	1.4	34.45	207.39	20.07	247.2	Psc
4 Okt 2022	00h11m26.87s	-00 31' 30.5"	4.9544	3.9621	-2.9	171.8	1.6	34.08	208.65	19.96	247.2	Psc
5 Okt 2022	00h10m57.99s	-00 34' 35.0"	4.9544	3.9646	-2.9	170.7	1.9	33.70	209.91	19.83	247.3	Psc
6 Okt 2022	00h10m29.29s	-00 37' 37.9"	4.9543	3.9675	-2.9	169.6	2.1	33.30	211.14	19.69	247.4	Psc
7 Okt 2022	00h10m00.80s	-00 40' 39.0"	4.9543	3.9706	-2.9	168.5	2.3	32.89	212.37	19.53	247.4	Psc
8 Okt 2022	00h09m32.52s	-00 43' 38.2"	4.9542	3.9741	-2.9	167.4	2.5	32.48	213.59	19.36	247.5	Psc
9 Okt 2022	00h09m04.49s	-00 46' 35.3"	4.9541	3.9778	-2.9	166.3	2.7	32.05	214.79	19.18	247.5	Psc
10 Okt 2022	00h08m36.72s	-00 49' 30.3"	4.9541	3.9819	-2.9	165.2	3.0	31.61	215.98	18.98	247.6	Psc
11 Okt 2022	00h08m09.23s	-00 52' 23.0"	4.9540	3.9862	-2.9	164.1	3.2	31.16	217.16	18.77	247.6	Psc
12 Okt 2022	00h07m42.04s	-00 55' 13.3"	4.9540	3.9908	-2.9	163.0	3.4	30.70	218.32	18.55	247.7	Psc
13 Okt 2022	00h07m15.18s	-00 58' 01.0"	4.9539	3.9957	-2.9	161.9	3.6	30.24	219.48	18.31	247.8	Psc
14 Okt 2022	00h06m48.65s	-01 00' 46.1"	4.9538	4.0009	-2.9	160.8	3.8	29.76	220.62	18.06	247.8	Psc
15 Okt 2022	00h06m22.49s	-01 03' 28.5"	4.9538	4.0064	-2.9	159.7	4.0	29.27	221.75	17.80	247.9	Psc
16 Okt 2022	00h05m56.70s	-01 06' 07.9"	4.9537	4.0122	-2.9	158.6	4.2	28.78	222.86	17.52	248.0	Psc
17 Okt 2022	00h05m31.31s	-01 08' 44.3"	4.9537	4.0182	-2.9	157.5	4.4	28.28	223.97	17.23	248.0	Psc
18 Okt 2022	00h05m06.34s	-01 11' 17.6"	4.9536	4.0245	-2.9	156.4	4.6	27.77	225.06	16.93	248.1	Psc
19 Okt 2022	00h04m41.80s	-01 13' 47.7"	4.9536	4.0311	-2.9	155.3	4.8	27.25	226.14	16.62	248.2	Psc
20 Okt 2022	00h04m17.71s	-01 16' 14.5"	4.9535	4.0380	-2.9	154.2	5.0	26.73	227.21	16.29	248.3	Psc
21 Okt 2022	00h03m54.10s	-01 18' 37.7"	4.9534	4.0452	-2.9	153.1	5.2	26.20	228.26	15.95	248.3	Psc
22 Okt 2022	00h03m30.98s	-01 20' 57.5"	4.9534	4.0526	-2.9	152.0	5.4	25.66	229.31	15.60	248.4	Psc
23 Okt 2022	00h03m08.36s	-01 23' 13.5"	4.9533	4.0603	-2.9	150.9	5.6	25.12	230.34	15.24	248.5	Psc

EPHEMERIDE 2022 – JUPITER

<u>Datum</u>	<u>RA</u>	<u>Deklination</u>	<u>r</u>	<u>delta</u>	<u>mag</u>	<u>Elong</u>	<u>Phase</u>	<u>Höhe</u>	<u>Az.</u>	<u>Gesch.</u>	<u>PA</u>	<u>Stb</u>
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24 Okt 2022	00h02m46.26s	-01 25' 25.8"	4.9533	4.0682	-2.8	149.8	5.8	24.57	231.37	14.87	248.6	Psc
25 Okt 2022	00h02m24.71s	-01 27' 34.2"	4.9532	4.0764	-2.8	148.7	6.0	24.02	232.38	14.48	248.7	Psc
26 Okt 2022	00h02m03.71s	-01 29' 38.6"	4.9532	4.0849	-2.8	147.6	6.2	23.46	233.38	14.09	248.8	Psc
27 Okt 2022	00h01m43.28s	-01 31' 39.0"	4.9531	4.0936	-2.8	146.5	6.4	22.90	234.37	13.68	248.9	Psc
28 Okt 2022	00h01m23.44s	-01 33' 35.2"	4.9531	4.1025	-2.8	145.4	6.5	22.33	235.35	13.27	249.0	Psc
29 Okt 2022	00h01m04.20s	-01 35' 27.2"	4.9530	4.1118	-2.8	144.3	6.7	21.76	236.33	12.84	249.2	Psc
30 Okt 2022	00h00m45.58s	-01 37' 14.9"	4.9530	4.1212	-2.8	143.3	6.9	21.19	237.29	12.41	249.3	Psc
31 Okt 2022	00h00m27.58s	-01 38' 58.2"	4.9529	4.1309	-2.8	142.2	7.1	20.61	238.24	11.97	249.5	Psc
1 Nov 2022	00h00m10.21s	-01 40' 37.0"	4.9529	4.1408	-2.8	141.1	7.2	20.03	239.18	11.52	249.6	Psc
2 Nov 2022	23h59m53.50s	-01 42' 11.4"	4.9529	4.1510	-2.8	140.0	7.4	19.45	240.12	11.07	249.8	Psc
3 Nov 2022	23h59m37.44s	-01 43' 41.2"	4.9528	4.1613	-2.8	139.0	7.6	18.86	241.04	10.61	250.0	Psc
4 Nov 2022	23h59m22.04s	-01 45' 06.4"	4.9528	4.1719	-2.8	137.9	7.7	18.27	241.96	10.14	250.2	Psc
5 Nov 2022	23h59m07.33s	-01 46' 26.9"	4.9527	4.1827	-2.8	136.8	7.9	17.68	242.87	9.67	250.4	Psc
6 Nov 2022	23h58m53.29s	-01 47' 42.8"	4.9527	4.1937	-2.8	135.8	8.0	17.09	243.77	9.20	250.6	Psc
7 Nov 2022	23h58m39.95s	-01 48' 53.9"	4.9526	4.2050	-2.8	134.7	8.2	16.49	244.66	8.72	250.9	Psc
8 Nov 2022	23h58m27.30s	-01 50' 00.3"	4.9526	4.2164	-2.8	133.7	8.3	15.90	245.55	8.23	251.2	Psc
9 Nov 2022	23h58m15.36s	-01 51' 01.9"	4.9525	4.2280	-2.8	132.6	8.5	15.30	246.42	7.75	251.5	Psc
10 Nov 2022	23h58m04.12s	-01 51' 58.7"	4.9525	4.2398	-2.7	131.5	8.6	14.70	247.29	7.25	251.9	Psc
11 Nov 2022	23h57m53.61s	-01 52' 50.6"	4.9525	4.2518	-2.7	130.5	8.7	14.10	248.16	6.76	252.4	Psc
12 Nov 2022	23h57m43.81s	-01 53' 37.6"	4.9524	4.2640	-2.7	129.4	8.9	13.50	249.01	6.26	252.9	Psc
13 Nov 2022	23h57m34.75s	-01 54' 19.8"	4.9524	4.2764	-2.7	128.4	9.0	12.90	249.87	5.76	253.4	Psc
14 Nov 2022	23h57m26.41s	-01 54' 57.0"	4.9523	4.2890	-2.7	127.4	9.1	12.30	250.71	5.25	254.2	Psc
15 Nov 2022	23h57m18.82s	-01 55' 29.3"	4.9523	4.3017	-2.7	126.3	9.3	11.70	251.55	4.75	255.0	Psc
16 Nov 2022	23h57m11.96s	-01 55' 56.6"	4.9523	4.3146	-2.7	125.3	9.4	11.10	252.38	4.24	256.1	Psc
17 Nov 2022	23h57m05.86s	-01 56' 18.9"	4.9522	4.3277	-2.7	124.3	9.5	10.50	253.21	3.73	257.4	Psc
18 Nov 2022	23h57m00.50s	-01 56' 36.3"	4.9522	4.3409	-2.7	123.2	9.6	9.90	254.03	3.22	259.2	Psc
19 Nov 2022	23h56m55.90s	-01 56' 48.6"	4.9521	4.3543	-2.7	122.2	9.7	9.30	254.85	2.71	261.6	Psc
20 Nov 2022	23h56m52.06s	-01 56' 55.9"	4.9521	4.3678	-2.7	121.2	9.8	8.70	255.66	2.21	265.2	Psc
21 Nov 2022	23h56m48.98s	-01 56' 58.1"	4.9521	4.3815	-2.7	120.2	9.9	8.10	256.47	1.72	270.8	Psc
22 Nov 2022	23h56m46.66s	-01 56' 55.4"	4.9520	4.3953	-2.7	119.1	10.0	7.51	257.27	1.26	280.8	Psc
23 Nov 2022	23h56m45.10s	-01 56' 47.5"	4.9520	4.4093	-2.7	118.1	10.1	6.91	258.07	0.88	300.6	Psc
24 Nov 2022	23h56m44.32s	-01 56' 34.6"	4.9520	4.4233	-2.6	117.1	10.2	6.32	258.87	0.71	337.6	Psc
25 Nov 2022	23h56m44.30s	-01 56' 16.7"	4.9519	4.4376	-2.6	116.1	10.3	5.72	259.66	0.89	13.9	Psc
26 Nov 2022	23h56m45.04s	-01 55' 53.7"	4.9519	4.4519	-2.6	115.1	10.4	5.13	260.44	1.28	33.0	Psc
27 Nov 2022	23h56m46.56s	-01 55' 25.6"	4.9519	4.4664	-2.6	114.1	10.5	4.54	261.23	1.75	42.6	Psc
28 Nov 2022	23h56m48.84s	-01 54' 52.6"	4.9518	4.4809	-2.6	113.1	10.6	3.96	262.01	2.24	48.1	Psc
29 Nov 2022	23h56m51.88s	-01 54' 14.5"	4.9518	4.4956	-2.6	112.1	10.6	3.37	262.79	2.74	51.6	Psc
30 Nov 2022	23h56m55.69s	-01 53' 31.5"	4.9518	4.5104	-2.6	111.1	10.7	2.78	263.56	3.25	54.0	Psc
1 Dez 2022	23h57m00.26s	-01 52' 43.4"	4.9518	4.5252	-2.6	110.1	10.8	2.20	264.33	3.76	55.7	Psc
2 Dez 2022	23h57m05.58s	-01 51' 50.5"	4.9517	4.5402	-2.6	109.1	10.8	1.62	265.10	4.27	57.1	Psc
3 Dez 2022	23h57m11.65s	-01 50' 52.7"	4.9517	4.5553	-2.6	108.1	10.9	1.05	265.87	4.78	58.1	Psc
4 Dez 2022	23h57m18.48s	-01 49' 50.0"	4.9517	4.5704	-2.6	107.2	11.0	0.47	266.63	5.29	59.0	Psc
5 Dez 2022	23h57m26.05s	-01 48' 42.4"	4.9516	4.5856	-2.6	106.2	11.0	-0.10	267.40	5.79	59.6	Psc
6 Dez 2022	23h57m34.35s	-01 47' 30.1"	4.9516	4.6009	-2.6	105.2	11.1	-0.67	268.16	6.30	60.2	Psc
7 Dez 2022	23h57m43.40s	-01 46' 13.0"	4.9516	4.6163	-2.5	104.2	11.1	-1.24	268.92	6.80	60.7	Psc
8 Dez 2022	23h57m53.18s	-01 44' 51.2"	4.9516	4.6317	-2.5	103.3	11.2	-1.80	269.67	7.30	61.2	Psc
9 Dez 2022	23h58m03.69s	-01 43' 24.7"	4.9515	4.6472	-2.5	102.3	11.2	-2.37	270.43	7.79	61.5	Psc
10 Dez 2022	23h58m14.92s	-01 41' 53.5"	4.9515	4.6627	-2.5	101.3	11.2	-2.93	271.19	8.29	61.9	Psc
11 Dez 2022	23h58m26.87s	-01 40' 17.7"	4.9515	4.6783	-2.5	100.4	11.3	-3.48	271.94	8.78	62.1	Psc
12 Dez 2022	23h58m39.54s	-01 38' 37.3"	4.9515	4.6939	-2.5	99.4	11.3	-4.03	272.69	9.26	62.4	Psc
13 Dez 2022	23h58m52.91s	-01 36' 52.3"	4.9514	4.7096	-2.5	98.5	11.3	-4.58	273.45	9.75	62.6	Psc
14 Dez 2022	23h59m07.00s	-01 35' 02.8"	4.9514	4.7253	-2.5	97.5	11.4	-5.13	274.20	10.23	62.8	Psc
15 Dez 2022	23h59m21.79s	-01 33' 08.8"	4.9514	4.7411	-2.5	96.6	11.4	-5.67	274.95	10.71	63.0	Psc
16 Dez 2022	23h59m37.27s	-01 31' 10.3"	4.9514	4.7569	-2.5	95.6	11.4	-6.21	275.70	11.18	63.2	Psc
17 Dez 2022	23h59m53.45s	-01 29' 07.4"	4.9514	4.7727	-2.5	94.7	11.4	-6.75	276.45	11.65	63.4	Psc
18 Dez 2022	00h00m10.32s	-01 27' 00.1"	4.9513	4.7886	-2.5	93.8	11.4	-7.28	277.20	12.12	63.5	Psc
19 Dez 2022	00h00m27.87s	-01 24' 48.5"	4.9513	4.8044	-2.5	92.8	11.4	-7.81	277.95	12.59	63.7	Psc
20 Dez 2022	00h00m46.09s	-01 22' 32.5"	4.9513	4.8203	-2.5	91.9	11.5	-8.33	278.70	13.05	63.8	Psc
21 Dez 2022	00h01m05.00s	-01 20' 12.2"	4.9513	4.8362	-2.4	91.0	11.5	-8.85	279.45	13.51	63.9	Psc
22 Dez 2022	00h01m24.57s	-01 17' 47.7"	4.9513	4.8521	-2.4	90.0	11.5	-9.37	280.21	13.96	64.0	Psc
23 Dez 2022	00h01m44.80s	-01 15' 19.0"	4.9512	4.8680	-2.4	89.1	11.5	-9.89	280.96	14.41	64.1	Psc
24 Dez 2022	00h02m05.69s	-01 12' 46.1"	4.9512	4.8839	-2.4	88.2	11.5	-10.39	281.71	14.86	64.2	Psc
25 Dez 2022	00h02m27.22s	-01 10' 09.1"	4.9512	4.8998	-2.4	87.3	11.4	-10.90	282.47	15.30	64.3	Psc
26 Dez 2022	00h02m49.40s	-01 07' 28.0"	4.9512	4.9156	-2.4	86.3	11.4	-11.40	283.22	15.74	64.4	Psc
27 Dez 2022	00h03m12.22s	-01 04' 42.9"	4.9512	4.9315	-2.4	85.4	11.4	-11.90	283.98	16.17	64.5	Psc
28 Dez 2022	00h03m35.67s	-01 01' 53.8"	4.9512	4.9473	-2.4	84.5	11.4	-12.39	284.73	16.59	64.5	Psc
29 Dez 2022	00h03m59.73s	-00 59' 00.8"	4.9512	4.9631	-2.4	83.6	11.4	-12.88	285.49	17.01	64.6	Psc
30 Dez 2022	00h04m24.41s	-00 56' 03.9"	4.9511	4.9789	-2.4	82.7	11.4	-13.36	286.25	17.43	64.7	Psc
31 Dez 2022	00h04m49.69s	-00 53' 03.2"	4.9511	4.9947	-2.4	81.8	11.3	-13.84	287.01	17.84	64.7	Psc
1 Jan 2023	00h05m15.57s	-00 49' 58.8"	4.9511	5.0104	-2.4	80.9	11.3	-14.32	287.78	18.24	64.8	Psc