



Die Bahn des Planeten Jupiter 2025

EPHEMERIDE 2025 – JUPITER

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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1 Jan 2025	04h46m00.88s	+21 44' 25.7"	5.0826	4.1907	-2.7	152.4	5.1	45.36	244.12	16.20	264.3 Tau
2 Jan 2025	04h45m33.78s	+21 43' 49.5"	5.0829	4.1986	-2.7	151.3	5.3	44.74	245.26	15.84	264.3 Tau
3 Jan 2025	04h45m07.30s	+21 43' 14.3"	5.0832	4.2068	-2.7	150.1	5.5	44.12	246.39	15.46	264.3 Tau
4 Jan 2025	04h44m41.46s	+21 42' 40.0"	5.0835	4.2152	-2.7	149.0	5.7	43.49	247.50	15.08	264.3 Tau
5 Jan 2025	04h44m16.28s	+21 42' 06.8"	5.0839	4.2239	-2.7	147.9	5.9	42.86	248.58	14.69	264.3 Tau
6 Jan 2025	04h43m51.77s	+21 41' 34.6"	5.0842	4.2329	-2.7	146.8	6.1	42.23	249.65	14.29	264.3 Tau
7 Jan 2025	04h43m27.94s	+21 41' 03.5"	5.0845	4.2421	-2.7	145.7	6.3	41.59	250.70	13.87	264.3 Tau
8 Jan 2025	04h43m04.82s	+21 40' 33.6"	5.0849	4.2515	-2.7	144.6	6.4	40.95	251.74	13.45	264.3 Tau
9 Jan 2025	04h42m42.42s	+21 40' 04.9"	5.0852	4.2613	-2.7	143.5	6.6	40.31	252.75	13.03	264.4 Tau
10 Jan 2025	04h42m20.74s	+21 39' 37.3"	5.0855	4.2712	-2.7	142.4	6.8	39.67	253.75	12.59	264.4 Tau
11 Jan 2025	04h41m59.81s	+21 39' 11.1"	5.0859	4.2814	-2.7	141.3	7.0	39.03	254.74	12.15	264.5 Tau
12 Jan 2025	04h41m39.62s	+21 38' 46.1"	5.0862	4.2918	-2.7	140.2	7.1	38.39	255.71	11.70	264.5 Tau
13 Jan 2025	04h41m20.20s	+21 38' 22.4"	5.0865	4.3025	-2.7	139.1	7.3	37.74	256.67	11.25	264.6 Tau
14 Jan 2025	04h41m01.54s	+21 38' 00.0"	5.0868	4.3134	-2.7	138.0	7.4	37.10	257.61	10.79	264.6 Tau
15 Jan 2025	04h40m43.67s	+21 37' 39.1"	5.0872	4.3245	-2.6	136.9	7.6	36.46	258.54	10.33	264.7 Tau
16 Jan 2025	04h40m26.59s	+21 37' 19.6"	5.0875	4.3358	-2.6	135.8	7.7	35.81	259.46	9.85	264.8 Tau
17 Jan 2025	04h40m10.30s	+21 37' 01.5"	5.0878	4.3473	-2.6	134.7	7.9	35.17	260.37	9.38	264.9 Tau
18 Jan 2025	04h39m51.83s	+21 36' 44.9"	5.0882	4.3590	-2.6	133.6	8.0	34.53	261.26	8.90	265.0 Tau
19 Jan 2025	04h39m40.16s	+21 36' 29.7"	5.0885	4.3710	-2.6	132.6	8.2	33.88	262.15	8.41	265.2 Tau
20 Jan 2025	04h39m26.32s	+21 36' 16.1"	5.0888	4.3831	-2.6	131.5	8.3	33.24	263.02	7.92	265.3 Tau
21 Jan 2025	04h39m13.31s	+21 36' 04.1"	5.0892	4.3955	-2.6	130.4	8.5	32.60	263.89	7.43	265.5 Tau
22 Jan 2025	04h39m01.14s	+21 35' 53.6"	5.0895	4.4080	-2.6	129.4	8.6	31.97	264.74	6.93	265.7 Tau
23 Jan 2025	04h38m49.81s	+21 35' 44.7"	5.0898	4.4207	-2.6	128.3	8.7	31.33	265.58	6.43	266.0 Tau
24 Jan 2025	04h38m39.33s	+21 35' 37.4"	5.0902	4.4336	-2.6	127.2	8.9	30.70	266.42	5.93	266.3 Tau
25 Jan 2025	04h38m29.70s	+21 35' 31.8"	5.0905	4.4467	-2.6	126.2	9.0	30.06	267.25	5.42	266.7 Tau
26 Jan 2025	04h38m20.93s	+21 35' 27.8"	5.0908	4.4599	-2.6	125.1	9.1	29.43	268.07	4.91	267.1 Tau
27 Jan 2025	04h38m13.03s	+21 35' 25.5"	5.0912	4.4734	-2.6	124.1	9.2	28.80	268.88	4.40	267.7 Tau
28 Jan 2025	04h38m05.99s	+21 35' 24.8"	5.0915	4.4869	-2.6	123.1	9.3	28.18	269.68	3.89	268.5 Tau
29 Jan 2025	04h37m59.83s	+21 35' 25.9"	5.0918	4.5007	-2.6	122.0	9.4	27.56	270.48	3.37	269.4 Tau
30 Jan 2025	04h37m54.54s	+21 35' 28.6"	5.0922	4.5146	-2.5	121.0	9.5	26.93	271.26	2.86	270.7 Tau
31 Jan 2025	04h37m50.12s	+21 35' 33.0"	5.0925	4.5286	-2.5	119.9	9.7	26.32	272.05	2.35	272.6 Tau
1 Feb 2025	04h37m46.59s	+21 35' 39.2"	5.0928	4.5428	-2.5	118.9	9.8	25.70	272.82	1.84	275.6 Tau
2 Feb 2025	04h37m43.93s	+21 35' 47.0"	5.0932	4.5571	-2.5	117.9	9.8	25.09	273.59	1.33	280.7 Tau
3 Feb 2025	04h37m42.15s	+21 35' 56.5"	5.0935	4.5715	-2.5	116.9	9.9	24.48	274.36	0.86	291.9 Tau
4 Feb 2025	04h37m41.24s	+21 36' 07.7"	5.0938	4.5861	-2.5	115.9	10.0	23.88	275.12	0.48	324.2 Tau
5 Feb 2025	04h37m41.21s	+21 36' 20.7"	5.0942	4.6008	-2.5	114.8	10.1	23.27	275.87	0.52	26.7 Tau
6 Feb 2025	04h37m42.06s	+21 36' 35.2"	5.0945	4.6156	-2.5	113.8	10.2	22.68	276.62	0.91	54.5 Tau
7 Feb 2025	04h37m43.77s	+21 36' 51.5"	5.0948	4.6305	-2.5	112.8	10.3	22.08	277.36	1.39	64.4 Tau
8 Feb 2025	04h37m46.35s	+21 37' 09.4"	5.0952	4.6455	-2.5	111.8	10.4	21.49	278.10	1.88	69.2 Tau
9 Feb 2025	04h37m49.79s	+21 37' 29.0"	5.0955	4.6606	-2.5	110.8	10.4	20.90	278.83	2.38	72.0 Tau
10 Feb 2025	04h37m54.09s	+21 37' 50.1"	5.0959	4.6758	-2.5	109.8	10.5	20.32	279.56	2.88	73.8 Tau
11 Feb 2025	04h37m59.25s	+21 38' 12.9"	5.0962	4.6912	-2.5	108.8	10.6	19.73	280.29	3.38	75.0 Tau
12 Feb 2025	04h38m05.26s	+21 38' 37.3"	5.0965	4.7065	-2.4	107.9	10.6	19.16	281.01	3.88	76.0 Tau
13 Feb 2025	04h38m12.11s	+21 39' 03.3"	5.0969	4.7220	-2.4	106.9	10.7	18.58	281.73	4.38	76.7 Tau
14 Feb 2025	04h38m19.81s	+21 39' 30.9"	5.0972	4.7376	-2.4	105.9	10.7	18.02	282.45	4.87	77.3 Tau
15 Feb 2025	04h38m28.35s	+21 40' 00.0"	5.0975	4.7532	-2.4	104.9	10.8	17.45	283.16	5.37	77.8 Tau
16 Feb 2025	04h38m37.72s	+21 40' 30.7"	5.0979	4.7689	-2.4	103.9	10.8	16.89	283.87	5.86	78.2 Tau
17 Feb 2025	04h38m47.92s	+21 41' 02.9"	5.0982	4.7847	-2.4	103.0	10.9	16.33	284.57	6.35	78.5 Tau
18 Feb 2025	04h38m58.94s	+21 41' 36.5"	5.0986	4.8005	-2.4	102.0	10.9	15.78	285.28	6.83	78.8 Tau
19 Feb 2025	04h39m10.79s	+21 42' 11.7"	5.0989	4.8164	-2.4	101.0	11.0	15.23	285.98	7.31	79.0 Tau
20 Feb 2025	04h39m23.45s	+21 42' 48.3"	5.0992	4.8323	-2.4	100.1	11.0	14.69	286.67	7.79	79.3 Tau
21 Feb 2025	04h39m36.93s	+21 43' 26.4"	5.0996	4.8483	-2.4	99.1	11.0	14.15	287.37	8.27	79.5 Tau
22 Feb 2025	04h39m51.21s	+21 44' 05.9"	5.0999	4.8643	-2.4	98.2	11.1	13.61	288.06	8.74	79.7 Tau
23 Feb 2025	04h40m06.29s	+21 44' 46.7"	5.1002	4.8803	-2.4	97.2	11.1	13.08	288.75	9.21	79.8 Tau
24 Feb 2025	04h40m22.17s	+21 45' 29.0"	5.1006	4.8964	-2.4	96.3	11.1	12.55	289.44	9.68	80.0 Tau
25 Feb 2025	04h40m38.84s	+21 46' 12.5"	5.1009	4.9125	-2.3	95.3	11.1	12.03	290.13	10.14	80.1 Tau
26 Feb 2025	04h40m56.30s	+21 46' 57.4"	5.1013	4.9287	-2.3	94.4	11.2	11.51	290.82	10.60	80.2 Tau
27 Feb 2025	04h41m14.54s	+21 47' 43.6"	5.1016	4.9449	-2.3	93.5	11.2	11.00	291.50	11.06	80.4 Tau
28 Feb 2025	04h41m33.55s	+21 48' 31.0"	5.1019	4.9610	-2.3	92.5	11.2	10.49	292.18	11.51	80.5 Tau
1 Mär 2025	04h41m53.32s	+21 49' 19.7"	5.1023	4.9772	-2.3	91.6	11.2	9.99	292.86	11.96	80.6 Tau
2 Mär 2025	04h42m13.86s	+21 50' 09.5"	5.1026	4.9934	-2.3	90.7	11.2	9.49	293.54	12.41	80.7 Tau
3 Mär 2025	04h42m35.15s	+21 51' 00.5"	5.1030	5.0096	-2.3	89.8	11.2	9.00	294.22	12.84	80.8 Tau
4 Mär 2025	04h42m57.19s	+21 51' 52.6"	5.1033	5.0258	-2.3	88.9	11.2	8.51	294.90	13.28	80.9 Tau
5 Mär 2025	04h43m19.96s	+21 52' 45.8"	5.1037	5.0420	-2.3	87.9	11.2	8.02	295.57	13.71	81.0 Tau
6 Mär 2025	04h43m43.46s	+21 53' 40.0"	5.1040	5.0582	-2.3	87.0	11.2	7.54	296.25	14.13	81.1 Tau
7 Mär 2025	04h44m07.67s	+21 54' 35.2"	5.1043	5.0744	-2.3	86.1	11.2	7.06	296.92	14.55	81.2 Tau
8 Mär 2025	04h44m32.60s	+21 55' 31.4"	5.1047	5.0905	-2.3	85.2	11.2	6.59	297.60	14.96	81.3 Tau
9 Mär 2025	04h44m58.23s	+21 56' 28.5"	5.1050	5.1066	-2.3	84.3	11.2	6.13	298.27	15.37	81.4 Tau
10 Mär 2025	04h45m24.56s	+21 57' 26.6"	5.1054	5.1227	-2.3	83.4	11.1	5.67	298.94	15.77	81.4 Tau
11 Mär 2025	04h45m51.57s	+21 58' 25.4"	5.1057	5.1388	-2.2	82.5	11.1	5.21	299.61	16.17	81.5 Tau
12 Mär 2025	04h46m19.25s	+21 59' 25.2"	5.1060	5.1548	-2.2	81.6	11.1	4.76	300.28	16.56	81.6 Tau
13 Mär 2025	04h46m47.60s	+22 00' 25.6"	5.1064	5.1708	-2.2	80.8	11.1	4.31	300.95	16.95	81.7 Tau
14 Mär 2025	04h47m16.62s	+22 01' 26.9"	5.1067	5.1868	-2.2	79.9	11.0	3.87	301.63	17.33	81.8 Tau
15 Mär 2025	04h47m46.29s	+22 02' 28.9"	5.1071	5.2027	-2.2	79.0	11.0	3.43	302.30	17.71	81.8 Tau

EPHEMERIDE 2025 – JUPITER

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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16 Mär 2025	04h48m16.60s	+22 03' 31.5"	5.1074	5.2186	-2.2	78.1	11.0	3.00	302.97	18.08	81.9 Tau
17 Mär 2025	04h48m47.55s	+22 04' 34.8"	5.1078	5.2344	-2.2	77.2	11.0	2.57	303.64	18.45	82.0 Tau
18 Mär 2025	04h49m19.13s	+22 05' 38.7"	5.1081	5.2502	-2.2	76.4	10.9	2.15	304.31	18.81	82.1 Tau
19 Mär 2025	04h49m51.33s	+22 06' 43.2"	5.1085	5.2659	-2.2	75.5	10.9	1.74	304.98	19.17	82.2 Tau
20 Mär 2025	04h50m24.15s	+22 07' 48.2"	5.1088	5.2815	-2.2	74.6	10.8	1.32	305.64	19.52	82.2 Tau
21 Mär 2025	04h50m57.58s	+22 08' 53.8"	5.1091	5.2971	-2.2	73.8	10.8	0.92	306.31	19.87	82.3 Tau
22 Mär 2025	04h51m31.61s	+22 09' 59.8"	5.1095	5.3126	-2.2	72.9	10.7	0.51	306.98	20.22	82.4 Tau
23 Mär 2025	04h52m06.24s	+22 11' 06.2"	5.1098	5.3281	-2.2	72.1	10.7	0.12	307.66	20.56	82.5 Tau
24 Mär 2025	04h52m41.45s	+22 12' 13.1"	5.1102	5.3435	-2.2	71.2	10.6	-0.28	308.33	20.90	82.5 Tau
25 Mär 2025	04h53m17.25s	+22 13' 20.3"	5.1105	5.3588	-2.2	70.4	10.6	-0.66	309.00	21.23	82.6 Tau
26 Mär 2025	04h53m53.62s	+22 14' 27.8"	5.1109	5.3740	-2.2	69.5	10.5	-1.04	309.67	21.56	82.7 Tau
27 Mär 2025	04h54m30.55s	+22 15' 35.7"	5.1112	5.3892	-2.1	68.7	10.5	-1.42	310.34	21.88	82.8 Tau
28 Mär 2025	04h55m08.05s	+22 16' 43.8"	5.1116	5.4043	-2.1	67.8	10.4	-1.79	311.01	22.20	82.8 Tau
29 Mär 2025	04h55m46.09s	+22 17' 52.1"	5.1119	5.4192	-2.1	67.0	10.4	-2.16	311.68	22.52	82.9 Tau
30 Mär 2025	04h56m24.68s	+22 19' 00.6"	5.1122	5.4341	-2.1	66.1	10.3	-2.52	312.35	22.83	83.0 Tau
31 Mär 2025	04h57m03.80s	+22 20' 09.2"	5.1126	5.4489	-2.1	65.3	10.2	-2.88	313.03	23.13	83.1 Tau
1 Apr 2025	04h57m43.45s	+22 21' 18.0"	5.1129	5.4636	-2.1	64.5	10.2	-3.23	313.70	23.43	83.1 Tau
2 Apr 2025	04h58m22.62s	+22 22' 26.8"	5.1133	5.4782	-2.1	63.6	10.1	-3.57	314.37	23.72	83.2 Tau
3 Apr 2025	04h59m04.30s	+22 23' 35.6"	5.1136	5.4927	-2.1	62.8	10.0	-3.92	315.05	24.01	83.3 Tau
4 Apr 2025	04h59m45.48s	+22 24' 44.4"	5.1140	5.5071	-2.1	62.0	9.9	-4.25	315.72	24.30	83.4 Tau
5 Apr 2025	05h00m27.15s	+22 25' 53.1"	5.1143	5.5214	-2.1	61.2	9.9	-4.58	316.40	24.57	83.5 Tau
6 Apr 2025	05h01m09.30s	+22 27' 01.8"	5.1147	5.5355	-2.1	60.3	9.8	-4.91	317.08	24.85	83.5 Tau
7 Apr 2025	05h01m51.92s	+22 28' 10.4"	5.1150	5.5496	-2.1	59.5	9.7	-5.23	317.75	25.11	83.6 Tau
8 Apr 2025	05h02m35.02s	+22 29' 18.8"	5.1154	5.5635	-2.1	58.7	9.6	-5.54	318.43	25.38	83.7 Tau
9 Apr 2025	05h03m18.57s	+22 30' 27.0"	5.1157	5.5774	-2.1	57.9	9.5	-5.85	319.11	25.64	83.8 Tau
10 Apr 2025	05h04m02.57s	+22 31' 35.0"	5.1161	5.5911	-2.1	57.1	9.5	-6.16	319.79	25.89	83.9 Tau
11 Apr 2025	05h04m47.02s	+22 32' 42.8"	5.1164	5.6047	-2.1	56.3	9.4	-6.46	320.47	26.14	83.9 Tau
12 Apr 2025	05h05m31.90s	+22 33' 50.2"	5.1168	5.6181	-2.1	55.5	9.3	-6.75	321.15	26.38	84.0 Tau
13 Apr 2025	05h06m17.21s	+22 34' 57.4"	5.1171	5.6314	-2.1	54.6	9.2	-7.04	321.83	26.63	84.1 Tau
14 Apr 2025	05h07m02.94s	+22 36' 04.2"	5.1175	5.6446	-2.1	53.8	9.1	-7.33	322.51	26.86	84.2 Tau
15 Apr 2025	05h07m49.09s	+22 37' 10.6"	5.1178	5.6577	-2.0	53.0	9.0	-7.61	323.20	27.10	84.3 Tau
16 Apr 2025	05h08m35.65s	+22 38' 16.7"	5.1181	5.6707	-2.0	52.2	8.9	-7.88	323.88	27.32	84.3 Tau
17 Apr 2025	05h09m22.61s	+22 39' 22.3"	5.1185	5.6835	-2.0	51.4	8.8	-8.15	324.56	27.55	84.4 Tau
18 Apr 2025	05h10m09.97s	+22 40' 27.4"	5.1188	5.6962	-2.0	50.7	8.7	-8.41	325.25	27.77	84.5 Tau
19 Apr 2025	05h10m57.71s	+22 41' 32.1"	5.1192	5.7087	-2.0	49.9	8.6	-8.67	325.94	27.99	84.6 Tau
20 Apr 2025	05h11m45.84s	+22 42' 36.2"	5.1195	5.7211	-2.0	49.1	8.5	-8.92	326.62	28.20	84.7 Tau
21 Apr 2025	05h12m34.35s	+22 43' 39.8"	5.1199	5.7333	-2.0	48.3	8.4	-9.17	327.31	28.41	84.8 Tau
22 Apr 2025	05h13m23.23s	+22 44' 42.8"	5.1202	5.7455	-2.0	47.5	8.3	-9.41	328.00	28.62	84.8 Tau
23 Apr 2025	05h14m12.47s	+22 45' 45.2"	5.1206	5.7574	-2.0	46.7	8.2	-9.65	328.69	28.82	84.9 Tau
24 Apr 2025	05h15m02.07s	+22 46' 47.0"	5.1209	5.7693	-2.0	45.9	8.1	-9.88	329.38	29.02	85.0 Tau
25 Apr 2025	05h15m52.03s	+22 47' 48.1"	5.1213	5.7809	-2.0	45.1	8.0	-10.10	330.07	29.22	85.1 Tau
26 Apr 2025	05h16m42.33s	+22 48' 48.5"	5.1216	5.7924	-2.0	44.4	7.9	-10.33	330.76	29.41	85.2 Tau
27 Apr 2025	05h17m32.97s	+22 49' 48.3"	5.1220	5.8038	-2.0	43.6	7.8	-10.54	331.45	29.59	85.3 Tau
28 Apr 2025	05h18m23.94s	+22 50' 47.2"	5.1223	5.8150	-2.0	42.8	7.7	-10.75	332.14	29.78	85.4 Tau
29 Apr 2025	05h19m15.23s	+22 51' 45.4"	5.1227	5.8261	-2.0	42.0	7.6	-10.96	332.84	29.96	85.5 Tau
30 Apr 2025	05h20m06.84s	+22 52' 42.8"	5.1230	5.8370	-2.0	41.3	7.5	-11.16	333.53	30.13	85.5 Tau
1 Mai 2025	05h20m58.75s	+22 53' 39.3"	5.1234	5.8477	-2.0	40.5	7.3	-11.35	334.23	30.30	85.6 Tau
2 Mai 2025	05h21m50.97s	+22 54' 35.0"	5.1237	5.8583	-2.0	39.7	7.2	-11.54	334.92	30.46	85.7 Tau
3 Mai 2025	05h22m43.48s	+22 55' 29.8"	5.1241	5.8687	-2.0	39.0	7.1	-11.72	335.62	30.62	85.8 Tau
4 Mai 2025	05h23m36.28s	+22 56' 23.7"	5.1245	5.8789	-2.0	38.2	7.0	-11.90	336.32	30.78	85.9 Tau
5 Mai 2025	05h24m29.36s	+22 57' 16.7"	5.1248	5.8890	-2.0	37.4	6.9	-12.07	337.01	30.93	86.0 Tau
6 Mai 2025	05h25m22.70s	+22 58' 08.7"	5.1252	5.8989	-2.0	36.7	6.7	-12.24	337.71	31.08	86.1 Tau
7 Mai 2025	05h26m16.32s	+22 58' 59.8"	5.1255	5.9086	-2.0	35.9	6.6	-12.40	338.41	31.23	86.2 Tau
8 Mai 2025	05h27m10.19s	+22 59' 49.8"	5.1259	5.9182	-2.0	35.1	6.5	-12.56	339.11	31.37	86.3 Tau
9 Mai 2025	05h28m04.31s	+23 00' 38.9"	5.1262	5.9276	-2.0	34.4	6.4	-12.71	339.81	31.51	86.4 Tau
10 Mai 2025	05h28m58.68s	+23 01' 26.9"	5.1266	5.9368	-2.0	33.6	6.3	-12.86	340.51	31.64	86.5 Tau
11 Mai 2025	05h29m53.29s	+23 02' 13.9"	5.1269	5.9458	-1.9	32.9	6.1	-13.00	341.21	31.77	86.5 Tau
12 Mai 2025	05h30m48.14s	+23 02' 59.8"	5.1273	5.9547	-1.9	32.1	6.0	-13.14	341.91	31.90	86.6 Tau
13 Mai 2025	05h31m43.22s	+23 03' 44.7"	5.1276	5.9634	-1.9	31.4	5.9	-13.27	342.61	32.02	86.7 Tau
14 Mai 2025	05h32m38.52s	+23 04' 28.4"	5.1280	5.9719	-1.9	30.6	5.8	-13.39	343.32	32.15	86.8 Tau
15 Mai 2025	05h33m34.03s	+23 05' 11.0"	5.1283	5.9803	-1.9	29.8	5.6	-13.51	344.02	32.26	86.9 Tau
16 Mai 2025	05h34m29.76s	+23 05' 52.5"	5.1287	5.9885	-1.9	29.1	5.5	-13.62	344.72	32.38	87.0 Tau
17 Mai 2025	05h35m25.70s	+23 06' 32.9"	5.1290	5.9964	-1.9	28.3	5.4	-13.73	345.43	32.49	87.1 Tau
18 Mai 2025	05h36m21.84s	+23 07' 12.0"	5.1294	6.0043	-1.9	27.6	5.2	-13.84	346.13	32.60	87.2 Tau
19 Mai 2025	05h37m18.18s	+23 07' 50.0"	5.1297	6.0119	-1.9	26.9	5.1	-13.94	346.83	32.71	87.3 Tau
20 Mai 2025	05h38m14.71s	+23 08' 26.8"	5.1301	6.0193	-1.9	26.1	5.0	-14.03	347.54	32.81	87.4 Tau
21 Mai 2025	05h39m11.43s	+23 09' 02.4"	5.1304	6.0266	-1.9	25.4	4.8	-14.12	348.24	32.92	87.5 Tau
22 Mai 2025	05h40m08.33s	+23 09' 36.7"	5.1308	6.0337	-1.9	24.6	4.7	-14.20	348.95	33.01	87.6 Tau
23 Mai 2025	05h41m05.41s	+23 10' 09.8"	5.1312	6.0406	-1.9	23.9	4.6	-14.28	349.65	33.11	87.7 Tau
24 Mai 2025	05h42m02.65s	+23 10' 41.6"	5.1315	6.0473	-1.9	23.1	4.4	-14.35	350.36	33.20	87.8 Tau
25 Mai 2025	05h43m00.06s	+23 11' 12.2"	5.1319	6.0538	-1.9	22.4	4.3	-14.41	351.06	33.29	87.9 Tau
26 Mai 2025	05h43m57.63s	+23 11' 41.4"	5.1322	6.0601	-1.9	21.7	4.2	-14.48	351.77	33.37	88.0 Tau
27 Mai 2025	05h44m55.36s	+23 12' 09.4"	5.1326	6.0662	-1.9	20.9	4.0	-14.53	352.47	33.45	88.1 Tau
28 Mai 2025	05h45m53.22s	+23 12' 36.0"	5.1329	6.0722	-1.9	20.2	3.9	-14.58	353.18	33.53	88.1 Tau

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Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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29 Mai 2025	05h46m51.23s	+23 13' 01.3"	5.1333	6.0779	-1.9	19.4	3.8	-14.63	353.88	33.61	88.2 Tau
30 Mai 2025	05h47m49.36s	+23 13' 25.3"	5.1336	6.0835	-1.9	18.7	3.6	-14.67	354.59	33.68	88.3 Tau
31 Mai 2025	05h48m47.62s	+23 13' 47.9"	5.1340	6.0889	-1.9	18.0	3.5	-14.70	355.29	33.74	88.4 Tau
1 Jun 2025	05h49m46.00s	+23 14' 09.2"	5.1343	6.0940	-1.9	17.2	3.4	-14.73	356.00	33.81	88.5 Tau
2 Jun 2025	05h50m44.50s	+23 14' 29.1"	5.1347	6.0990	-1.9	16.5	3.2	-14.76	356.70	33.86	88.6 Tau
3 Jun 2025	05h51m43.09s	+23 14' 47.6"	5.1351	6.1038	-1.9	15.8	3.1	-14.77	357.40	33.92	88.7 Tau
4 Jun 2025	05h52m41.79s	+23 15' 04.8"	5.1354	6.1084	-1.9	15.0	2.9	-14.79	358.11	33.97	88.8 Tau
5 Jun 2025	05h53m40.59s	+23 15' 20.5"	5.1358	6.1128	-1.9	14.3	2.8	-14.80	358.81	34.02	88.9 Tau
6 Jun 2025	05h54m39.47s	+23 15' 34.9"	5.1361	6.1170	-1.9	13.6	2.7	-14.80	359.51	34.07	89.0 Tau
7 Jun 2025	05h55m38.44s	+23 15' 47.8"	5.1365	6.1210	-1.9	12.8	2.5	-14.80	0.22	34.12	89.1 Tau
8 Jun 2025	05h56m37.49s	+23 15' 59.4"	5.1368	6.1248	-1.9	12.1	2.4	-14.79	0.92	34.16	89.2 Tau
9 Jun 2025	05h57m36.61s	+23 16' 09.5"	5.1372	6.1284	-1.9	11.4	2.2	-14.78	1.62	34.20	89.3 Tau
10 Jun 2025	05h58m35.81s	+23 16' 18.3"	5.1376	6.1318	-1.9	10.6	2.1	-14.76	2.32	34.23	89.4 Tau
11 Jun 2025	05h59m35.06s	+23 16' 25.6"	5.1379	6.1350	-1.9	9.9	1.9	-14.74	3.03	34.27	89.5 Tau
12 Jun 2025	06h00m34.38s	+23 16' 31.5"	5.1383	6.1381	-1.9	9.2	1.8	-14.71	3.73	34.30	89.6 Tau
13 Jun 2025	06h01m33.75s	+23 16' 36.0"	5.1386	6.1409	-1.9	8.5	1.7	-14.68	4.43	34.33	89.7 Gem
14 Jun 2025	06h02m33.18s	+23 16' 39.1"	5.1390	6.1435	-1.9	7.7	1.5	-14.64	5.13	34.36	89.8 Gem
15 Jun 2025	06h03m32.65s	+23 16' 40.7"	5.1393	6.1460	-1.9	7.0	1.4	-14.60	5.83	34.38	89.9 Gem
16 Jun 2025	06h04m32.16s	+23 16' 40.9"	5.1397	6.1482	-1.9	6.3	1.2	-14.55	6.52	34.40	90.0 Gem
17 Jun 2025	06h05m31.71s	+23 16' 39.7"	5.1400	6.1502	-1.9	5.5	1.1	-14.49	7.22	34.42	90.1 Gem
18 Jun 2025	06h06m31.29s	+23 16' 37.0"	5.1404	6.1521	-1.9	4.8	1.0	-14.44	7.92	34.44	90.2 Gem
19 Jun 2025	06h07m30.90s	+23 16' 32.9"	5.1408	6.1537	-1.9	4.1	0.8	-14.37	8.61	34.45	90.3 Gem
20 Jun 2025	06h08m30.53s	+23 16' 27.3"	5.1411	6.1551	-1.9	3.4	0.7	-14.30	9.31	34.46	90.4 Gem
21 Jun 2025	06h09m30.18s	+23 16' 20.3"	5.1415	6.1564	-1.9	2.6	0.5	-14.23	10.00	34.47	90.5 Gem
22 Jun 2025	06h10m29.84s	+23 16' 11.9"	5.1418	6.1574	-1.9	1.9	0.4	-14.15	10.70	34.48	90.6 Gem
23 Jun 2025	06h11m29.51s	+23 16' 02.0"	5.1422	6.1583	-1.9	1.2	0.2	-14.07	11.39	34.48	90.7 Gem
24 Jun 2025	06h12m29.18s	+23 15' 50.7"	5.1426	6.1589	-1.9	0.5	0.1	-13.98	12.08	34.48	90.8 Gem
25 Jun 2025	06h13m28.84s	+23 15' 37.9"	5.1429	6.1593	-1.9	0.3	0.1	-13.89	12.77	34.47	90.9 Gem
26 Jun 2025	06h14m28.48s	+23 15' 23.8"	5.1433	6.1596	-1.9	1.0	0.2	-13.79	13.46	34.46	91.0 Gem
27 Jun 2025	06h15m28.11s	+23 15' 08.1"	5.1436	6.1596	-1.9	1.7	0.3	-13.68	14.15	34.45	91.1 Gem
28 Jun 2025	06h16m27.72s	+23 14' 51.1"	5.1440	6.1594	-1.9	2.4	0.5	-13.57	14.84	34.44	91.2 Gem
29 Jun 2025	06h17m27.29s	+23 14' 32.6"	5.1443	6.1591	-1.9	3.2	0.6	-13.46	15.53	34.42	91.3 Gem
30 Jun 2025	06h18m26.83s	+23 14' 12.8"	5.1447	6.1585	-1.9	3.9	0.8	-13.34	16.21	34.40	91.4 Gem
1 Jul 2025	06h19m26.32s	+23 13' 51.5"	5.1451	6.1577	-1.9	4.6	0.9	-13.22	16.90	34.37	91.5 Gem
2 Jul 2025	06h20m25.77s	+23 13' 28.8"	5.1454	6.1568	-1.9	5.3	1.1	-13.09	17.59	34.35	91.6 Gem
3 Jul 2025	06h21m25.16s	+23 13' 04.7"	5.1458	6.1556	-1.9	6.1	1.2	-12.96	18.27	34.32	91.7 Gem
4 Jul 2025	06h22m24.49s	+23 12' 39.3"	5.1461	6.1542	-1.9	6.8	1.3	-12.82	18.95	34.28	91.7 Gem
5 Jul 2025	06h23m23.76s	+23 12' 12.4"	5.1465	6.1527	-1.9	7.5	1.5	-12.68	19.63	34.25	91.8 Gem
6 Jul 2025	06h24m22.97s	+23 11' 44.3"	5.1469	6.1509	-1.9	8.3	1.6	-12.53	20.31	34.21	91.9 Gem
7 Jul 2025	06h25m22.10s	+23 11' 14.7"	5.1472	6.1489	-1.9	9.0	1.8	-12.38	20.99	34.17	92.0 Gem
8 Jul 2025	06h26m21.15s	+23 10' 43.8"	5.1476	6.1468	-1.9	9.7	1.9	-12.22	21.67	34.13	92.1 Gem
9 Jul 2025	06h27m20.12s	+23 10' 11.6"	5.1479	6.1444	-1.9	10.4	2.0	-12.06	22.34	34.08	92.2 Gem
10 Jul 2025	06h28m19.00s	+23 09' 38.0"	5.1483	6.1419	-1.9	11.2	2.2	-11.89	23.02	34.03	92.3 Gem
11 Jul 2025	06h29m17.79s	+23 09' 03.1"	5.1486	6.1391	-1.9	11.9	2.3	-11.72	23.69	33.98	92.4 Gem
12 Jul 2025	06h30m16.49s	+23 08' 26.9"	5.1490	6.1362	-1.9	12.6	2.5	-11.55	24.36	33.93	92.5 Gem
13 Jul 2025	06h31m15.08s	+23 07' 49.4"	5.1494	6.1331	-1.9	13.3	2.6	-11.37	25.04	33.87	92.6 Gem
14 Jul 2025	06h32m13.57s	+23 07' 10.7"	5.1497	6.1297	-1.9	14.1	2.8	-11.18	25.71	33.82	92.7 Gem
15 Jul 2025	06h33m11.95s	+23 06' 30.6"	5.1501	6.1262	-1.9	14.8	2.9	-10.99	26.37	33.75	92.8 Gem
16 Jul 2025	06h34m10.22s	+23 05' 49.3"	5.1504	6.1225	-1.9	15.5	3.0	-10.80	27.04	33.69	92.9 Gem
17 Jul 2025	06h35m08.37s	+23 05' 06.7"	5.1508	6.1186	-1.9	16.3	3.2	-10.60	27.71	33.63	93.0 Gem
18 Jul 2025	06h36m06.39s	+23 04' 22.9"	5.1512	6.1145	-1.9	17.0	3.3	-10.39	28.37	33.56	93.1 Gem
19 Jul 2025	06h37m04.29s	+23 03' 37.8"	5.1515	6.1102	-1.9	17.7	3.4	-10.19	29.04	33.48	93.2 Gem
20 Jul 2025	06h38m02.05s	+23 02' 51.5"	5.1519	6.1057	-1.9	18.5	3.6	-9.97	29.70	33.41	93.3 Gem
21 Jul 2025	06h38m59.66s	+23 02' 04.1"	5.1523	6.1010	-1.9	19.2	3.7	-9.76	30.36	33.33	93.3 Gem
22 Jul 2025	06h39m57.13s	+23 01' 15.4"	5.1526	6.0962	-1.9	19.9	3.9	-9.53	31.02	33.25	93.4 Gem
23 Jul 2025	06h40m54.45s	+23 00' 25.6"	5.1530	6.0911	-1.9	20.7	4.0	-9.31	31.68	33.16	93.5 Gem
24 Jul 2025	06h41m51.61s	+22 59' 34.6"	5.1533	6.0858	-1.9	21.4	4.1	-9.08	32.33	33.07	93.6 Gem
25 Jul 2025	06h42m48.60s	+22 58' 42.5"	5.1537	6.0804	-1.9	22.1	4.3	-8.84	32.99	32.98	93.7 Gem
26 Jul 2025	06h43m45.41s	+22 57' 49.3"	5.1541	6.0747	-1.9	22.9	4.4	-8.60	33.64	32.88	93.8 Gem
27 Jul 2025	06h44m42.05s	+22 56' 54.9"	5.1544	6.0689	-1.9	23.6	4.5	-8.36	34.30	32.78	93.9 Gem
28 Jul 2025	06h45m38.50s	+22 55' 59.6"	5.1548	6.0629	-1.9	24.3	4.7	-8.11	34.95	32.68	94.0 Gem
29 Jul 2025	06h46m34.76s	+22 55' 03.1"	5.1551	6.0567	-1.9	25.1	4.8	-7.86	35.60	32.57	94.1 Gem
30 Jul 2025	06h47m30.82s	+22 54' 05.6"	5.1555	6.0503	-1.9	25.8	4.9	-7.60	36.25	32.46	94.1 Gem
31 Jul 2025	06h48m26.68s	+22 53' 07.2"	5.1559	6.0437	-1.9	26.6	5.1	-7.34	36.90	32.35	94.2 Gem
1 Aug 2025	06h49m22.34s	+22 52' 07.7"	5.1562	6.0370	-1.9	27.3	5.2	-7.08	37.55	32.23	94.3 Gem
2 Aug 2025	06h50m17.78s	+22 51' 07.3"	5.1566	6.0300	-1.9	28.1	5.3	-6.81	38.19	32.11	94.4 Gem
3 Aug 2025	06h51m13.00s	+22 50' 05.9"	5.1569	6.0229	-1.9	28.8	5.4	-6.53	38.84	31.99	94.5 Gem
4 Aug 2025	06h52m07.99s	+22 49' 03.6"	5.1573	6.0156	-1.9	29.5	5.6	-6.25	39.48	31.87	94.6 Gem
5 Aug 2025	06h53m02.76s	+22 48' 00.4"	5.1577	6.0082	-1.9	30.3	5.7	-5.97	40.12	31.74	94.7 Gem
6 Aug 2025	06h53m57.30s	+22 46' 56.3"	5.1580	6.0005	-1.9	31.0	5.8	-5.68	40.77	31.61	94.7 Gem
7 Aug 2025	06h54m51.59s	+22 45' 51.3"	5.1584	5.9927	-1.9	31.8	5.9	-5.39	41.41	31.47	94.8 Gem
8 Aug 2025	06h55m45.65s	+22 44' 45.6"	5.1588	5.9847	-1.9	32.5	6.1	-5.10	42.05	31.34	94.9 Gem
9 Aug 2025	06h56m39.45s	+22 43' 39.0"	5.1591	5.9765	-1.9	33.3	6.2	-4.80	42.68	31.20	95.0 Gem
10 Aug 2025	06h57m33.00s	+22 42' 31.6"	5.1595	5.9682	-1.9	34.0	6.3	-4.49	43.32	31.05	95.1 Gem

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Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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24 Okt 2025	07h44m32.21s	+21 19' 58.0"	5.1868	4.9832	-2.3	96.3	11.0	28.84	91.80	8.80	97.5 Gem
25 Okt 2025	07h44m47.06s	+21 19' 29.1"	5.1871	4.9678	-2.3	97.2	11.0	29.40	92.55	8.34	97.4 Gem
26 Okt 2025	07h45m01.13s	+21 19' 02.0"	5.1875	4.9525	-2.3	98.1	10.9	29.96	93.30	7.88	97.3 Gem
27 Okt 2025	07h45m14.42s	+21 18' 36.9"	5.1878	4.9372	-2.3	99.1	10.9	30.53	94.06	7.41	97.1 Gem
28 Okt 2025	07h45m26.92s	+21 18' 13.8"	5.1882	4.9220	-2.3	100.0	10.9	31.10	94.82	6.94	96.9 Gem
29 Okt 2025	07h45m38.63s	+21 17' 52.6"	5.1886	4.9068	-2.3	101.0	10.8	31.67	95.60	6.47	96.7 Gem
30 Okt 2025	07h45m49.54s	+21 17' 33.5"	5.1889	4.8916	-2.3	101.9	10.8	32.24	96.38	5.99	96.4 Gem
31 Okt 2025	07h45m59.66s	+21 17' 16.3"	5.1893	4.8766	-2.3	102.9	10.7	32.82	97.17	5.51	96.1 Gem
1 Nov 2025	07h46m08.97s	+21 17' 01.2"	5.1897	4.8615	-2.3	103.9	10.7	33.39	97.97	5.03	95.7 Gem
2 Nov 2025	07h46m17.47s	+21 16' 48.2"	5.1900	4.8466	-2.3	104.8	10.7	33.97	98.78	4.55	95.2 Gem
3 Nov 2025	07h46m25.17s	+21 16' 37.2"	5.1904	4.8317	-2.4	105.8	10.6	34.55	99.60	4.07	94.6 Gem
4 Nov 2025	07h46m32.04s	+21 16' 28.3"	5.1908	4.8169	-2.4	106.8	10.5	35.13	100.42	3.59	93.9 Gem
5 Nov 2025	07h46m38.11s	+21 16' 21.5"	5.1911	4.8021	-2.4	107.8	10.5	35.71	101.26	3.10	92.9 Gem
6 Nov 2025	07h46m43.35s	+21 16' 16.9"	5.1915	4.7875	-2.4	108.7	10.4	36.29	102.11	2.61	91.5 Gem
7 Nov 2025	07h46m47.76s	+21 16' 14.3"	5.1919	4.7729	-2.4	109.7	10.4	36.87	102.96	2.13	89.5 Gem
8 Nov 2025	07h46m51.35s	+21 16' 13.9"	5.1922	4.7584	-2.4	110.7	10.3	37.45	103.83	1.64	86.2 Gem
9 Nov 2025	07h46m54.11s	+21 16' 15.6"	5.1926	4.7440	-2.4	111.7	10.2	38.03	104.72	1.17	80.3 Gem
10 Nov 2025	07h46m56.03s	+21 16' 19.5"	5.1929	4.7297	-2.4	112.7	10.1	38.61	105.61	0.72	66.5 Gem
11 Nov 2025	07h46m57.11s	+21 16' 25.5"	5.1933	4.7155	-2.4	113.7	10.1	39.20	106.51	0.41	23.5 Gem
12 Nov 2025	07h46m57.36s	+21 16' 33.7"	5.1937	4.7014	-2.4	114.7	10.0	39.78	107.43	0.57	324.5 Gem
13 Nov 2025	07h46m56.75s	+21 16' 44.1"	5.1940	4.6875	-2.4	115.7	9.9	40.36	108.37	1.00	303.9 Gem
14 Nov 2025	07h46m55.30s	+21 16' 56.7"	5.1944	4.6736	-2.4	116.7	9.8	40.94	109.31	1.48	296.0 Gem
15 Nov 2025	07h46m53.00s	+21 17' 11.5"	5.1948	4.6599	-2.4	117.7	9.7	41.52	110.28	1.97	292.0 Gem
16 Nov 2025	07h46m49.86s	+21 17' 28.5"	5.1951	4.6463	-2.4	118.8	9.6	42.10	111.25	2.47	289.6 Gem
17 Nov 2025	07h46m45.86s	+21 17' 47.7"	5.1955	4.6328	-2.4	119.8	9.5	42.68	112.25	2.97	288.0 Gem
18 Nov 2025	07h46m41.02s	+21 18' 09.0"	5.1959	4.6195	-2.5	120.8	9.4	43.26	113.26	3.47	286.9 Gem
19 Nov 2025	07h46m35.33s	+21 18' 32.6"	5.1962	4.6064	-2.5	121.8	9.3	43.83	114.29	3.97	286.0 Gem
20 Nov 2025	07h46m28.79s	+21 18' 58.3"	5.1966	4.5933	-2.5	122.9	9.2	44.41	115.33	4.47	285.4 Gem
21 Nov 2025	07h46m21.41s	+21 19' 26.1"	5.1970	4.5805	-2.5	123.9	9.1	44.98	116.40	4.97	284.8 Gem
22 Nov 2025	07h46m13.19s	+21 19' 56.1"	5.1973	4.5678	-2.5	125.0	9.0	45.54	117.48	5.47	284.4 Gem
23 Nov 2025	07h46m04.13s	+21 20' 28.3"	5.1977	4.5552	-2.5	126.0	8.8	46.11	118.58	5.96	284.0 Gem
24 Nov 2025	07h45m54.24s	+21 21' 02.5"	5.1981	4.5428	-2.5	127.1	8.7	46.67	119.71	6.46	283.7 Gem
25 Nov 2025	07h45m43.53s	+21 21' 38.8"	5.1984	4.5306	-2.5	128.1	8.6	47.22	120.85	6.95	283.4 Gem
26 Nov 2025	07h45m31.99s	+21 22' 17.1"	5.1988	4.5186	-2.5	129.2	8.5	47.78	122.02	7.43	283.2 Gem
27 Nov 2025	07h45m19.63s	+21 22' 57.5"	5.1991	4.5068	-2.5	130.2	8.3	48.32	123.21	7.91	283.0 Gem
28 Nov 2025	07h45m06.47s	+21 23' 39.8"	5.1995	4.4952	-2.5	131.3	8.2	48.87	124.42	8.39	282.8 Gem
29 Nov 2025	07h44m52.50s	+21 24' 24.1"	5.1999	4.4837	-2.5	132.4	8.1	49.41	125.66	8.87	282.6 Gem
30 Nov 2025	07h44m37.74s	+21 25' 10.3"	5.2002	4.4725	-2.5	133.4	7.9	49.94	126.93	9.33	282.5 Gem
1 Dez 2025	07h44m22.19s	+21 25' 58.5"	5.2006	4.4614	-2.5	134.5	7.8	50.46	128.22	9.80	282.3 Gem
2 Dez 2025	07h44m05.87s	+21 26' 48.4"	5.2010	4.4506	-2.5	135.6	7.6	50.98	129.53	10.25	282.2 Gem
3 Dez 2025	07h43m48.77s	+21 27' 40.2"	5.2013	4.4400	-2.5	136.7	7.5	51.49	130.88	10.71	282.1 Gem
4 Dez 2025	07h43m30.91s	+21 28' 33.7"	5.2017	4.4296	-2.6	137.8	7.3	51.99	132.25	11.15	282.0 Gem
5 Dez 2025	07h43m12.30s	+21 29' 28.9"	5.2021	4.4194	-2.6	138.8	7.2	52.48	133.65	11.59	281.8 Gem
6 Dez 2025	07h42m52.95s	+21 30' 25.9"	5.2024	4.4094	-2.6	139.9	7.0	52.97	135.08	12.03	281.7 Gem
7 Dez 2025	07h42m32.87s	+21 31' 24.4"	5.2028	4.3997	-2.6	141.0	6.8	53.44	136.54	12.46	281.6 Gem
8 Dez 2025	07h42m12.06s	+21 32' 24.6"	5.2032	4.3902	-2.6	142.1	6.7	53.91	138.03	12.88	281.5 Gem
9 Dez 2025	07h41m50.53s	+21 33' 26.3"	5.2035	4.3810	-2.6	143.2	6.5	54.36	139.56	13.30	281.4 Gem
10 Dez 2025	07h41m28.31s	+21 34' 29.5"	5.2039	4.3720	-2.6	144.3	6.3	54.80	141.11	13.71	281.3 Gem
11 Dez 2025	07h41m05.40s	+21 35' 34.2"	5.2042	4.3632	-2.6	145.4	6.2	55.23	142.70	14.11	281.3 Gem
12 Dez 2025	07h40m41.81s	+21 36' 40.3"	5.2046	4.3547	-2.6	146.5	6.0	55.64	144.32	14.50	281.2 Gem
13 Dez 2025	07h40m17.55s	+21 37' 47.7"	5.2050	4.3464	-2.6	147.7	5.8	56.04	145.97	14.89	281.1 Gem
14 Dez 2025	07h39m52.65s	+21 38' 56.5"	5.2053	4.3384	-2.6	148.8	5.6	56.43	147.66	15.26	281.0 Gem
15 Dez 2025	07h39m27.12s	+21 40' 06.5"	5.2057	4.3307	-2.6	149.9	5.4	56.80	149.38	15.62	280.9 Gem
16 Dez 2025	07h39m00.97s	+21 41' 17.7"	5.2061	4.3232	-2.6	151.0	5.3	57.15	151.13	15.98	280.9 Gem
17 Dez 2025	07h38m34.22s	+21 42' 30.0"	5.2064	4.3160	-2.6	152.1	5.1	57.49	152.91	16.32	280.8 Gem
18 Dez 2025	07h38m06.90s	+21 43' 43.3"	5.2068	4.3090	-2.6	153.3	4.9	57.81	154.73	16.65	280.7 Gem
19 Dez 2025	07h37m39.01s	+21 44' 57.7"	5.2072	4.3024	-2.6	154.4	4.7	58.11	156.57	16.98	280.6 Gem
20 Dez 2025	07h37m10.58s	+21 46' 13.0"	5.2075	4.2960	-2.6	155.5	4.5	58.39	158.45	17.28	280.6 Gem
21 Dez 2025	07h36m41.62s	+21 47' 29.1"	5.2079	4.2899	-2.6	156.7	4.3	58.65	160.35	17.58	280.5 Gem
22 Dez 2025	07h36m12.17s	+21 48' 46.0"	5.2082	4.2841	-2.6	157.8	4.1	58.89	162.28	17.86	280.4 Gem
23 Dez 2025	07h35m42.23s	+21 50' 03.7"	5.2086	4.2786	-2.6	158.9	3.9	59.11	164.24	18.13	280.3 Gem
24 Dez 2025	07h35m11.84s	+21 51' 22.0"	5.2090	4.2734	-2.6	160.1	3.7	59.30	166.22	18.39	280.3 Gem
25 Dez 2025	07h34m41.01s	+21 52' 40.9"	5.2093	4.2685	-2.6	161.2	3.5	59.48	168.22	18.63	280.2 Gem
26 Dez 2025	07h34m09.77s	+21 54' 00.3"	5.2097	4.2639	-2.7	162.3	3.3	59.63	170.24	18.86	280.1 Gem
27 Dez 2025	07h33m38.15s	+21 55' 20.1"	5.2101	4.2596	-2.7	163.5	3.1	59.75	172.28	19.07	280.0 Gem
28 Dez 2025	07h33m06.16s	+21 56' 40.3"	5.2104	4.2556	-2.7	164.6	2.9	59.86	174.34	19.27	280.0 Gem
29 Dez 2025	07h32m33.83s	+21 58' 00.8"	5.2108	4.2519	-2.7	165.8	2.7	59.94	176.41	19.46	279.9 Gem
30 Dez 2025	07h32m01.18s	+21 59' 21.6"	5.2112	4.2485	-2.7	166.9	2.4	59.99	178.48	19.63	279.8 Gem
31 Dez 2025	07h31m28.24s	+22 00' 42.4"	5.2115	4.2454	-2.7	168.1	2.2	60.02	180.56	19.79	279.8 Gem
1 Jan 2026	07h30m55.03s	+22 02' 03.4"	5.2119	4.2426	-2.7	169.2	2.0	60.02	182.65	19.93	279.7 Gem