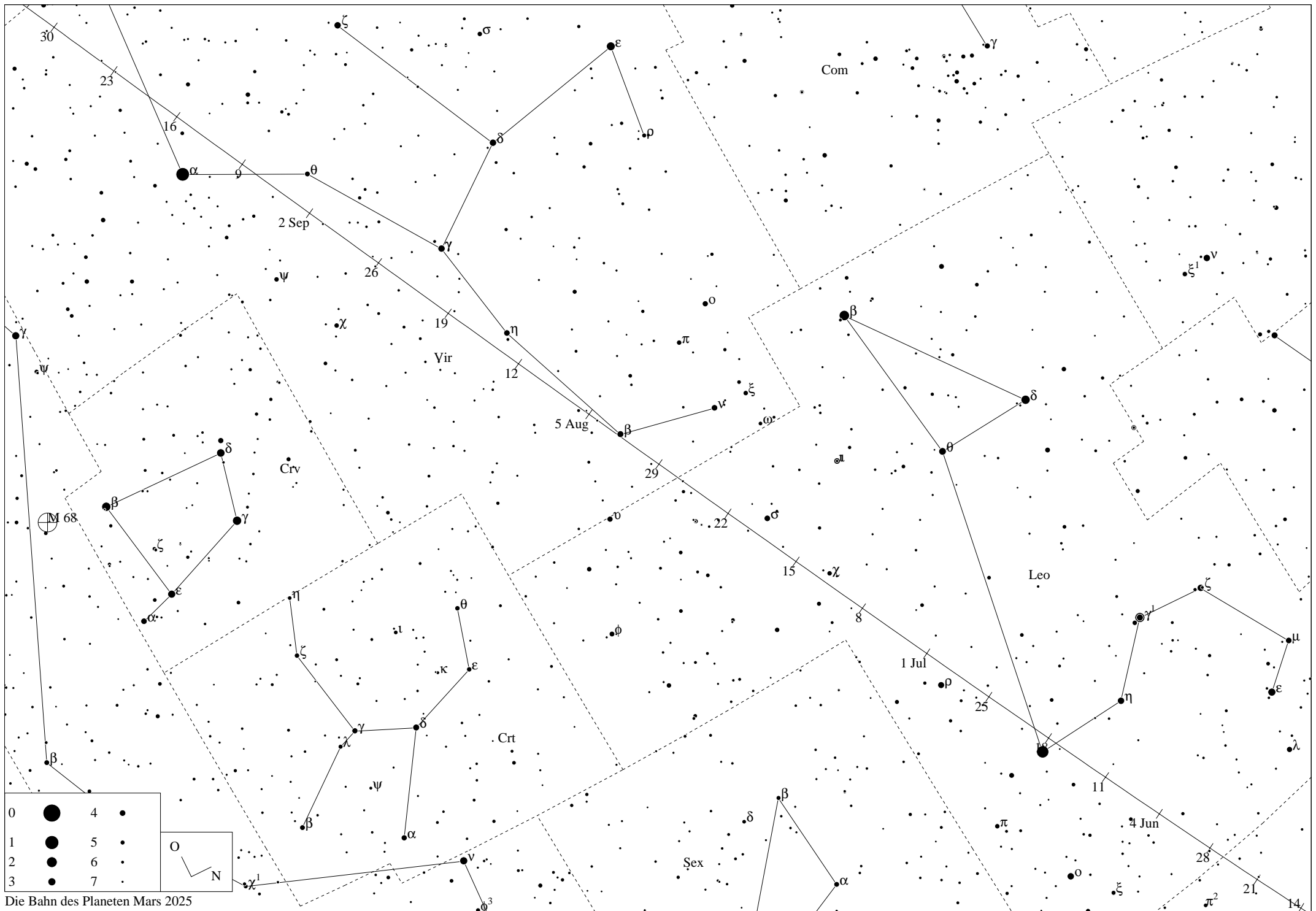
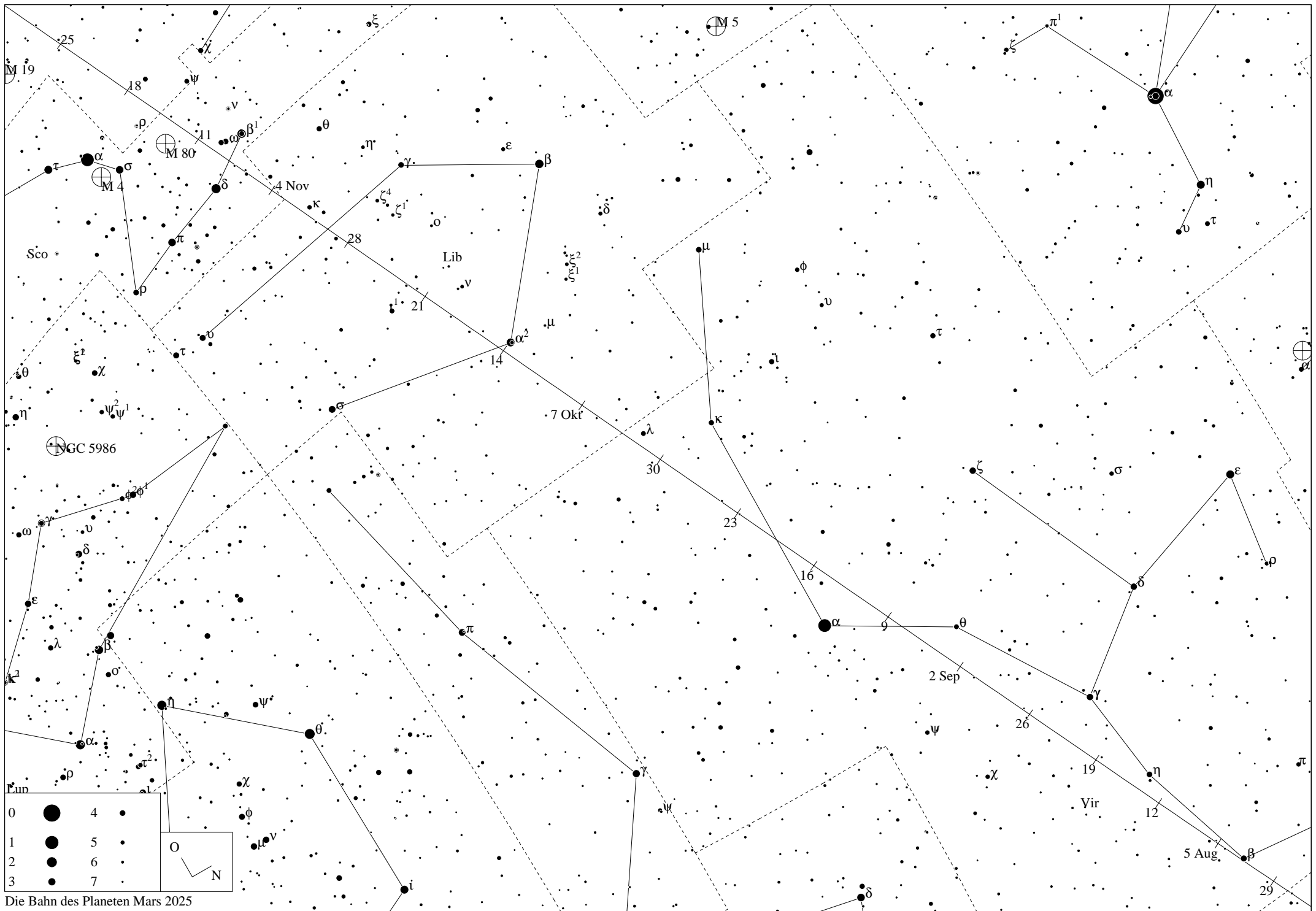


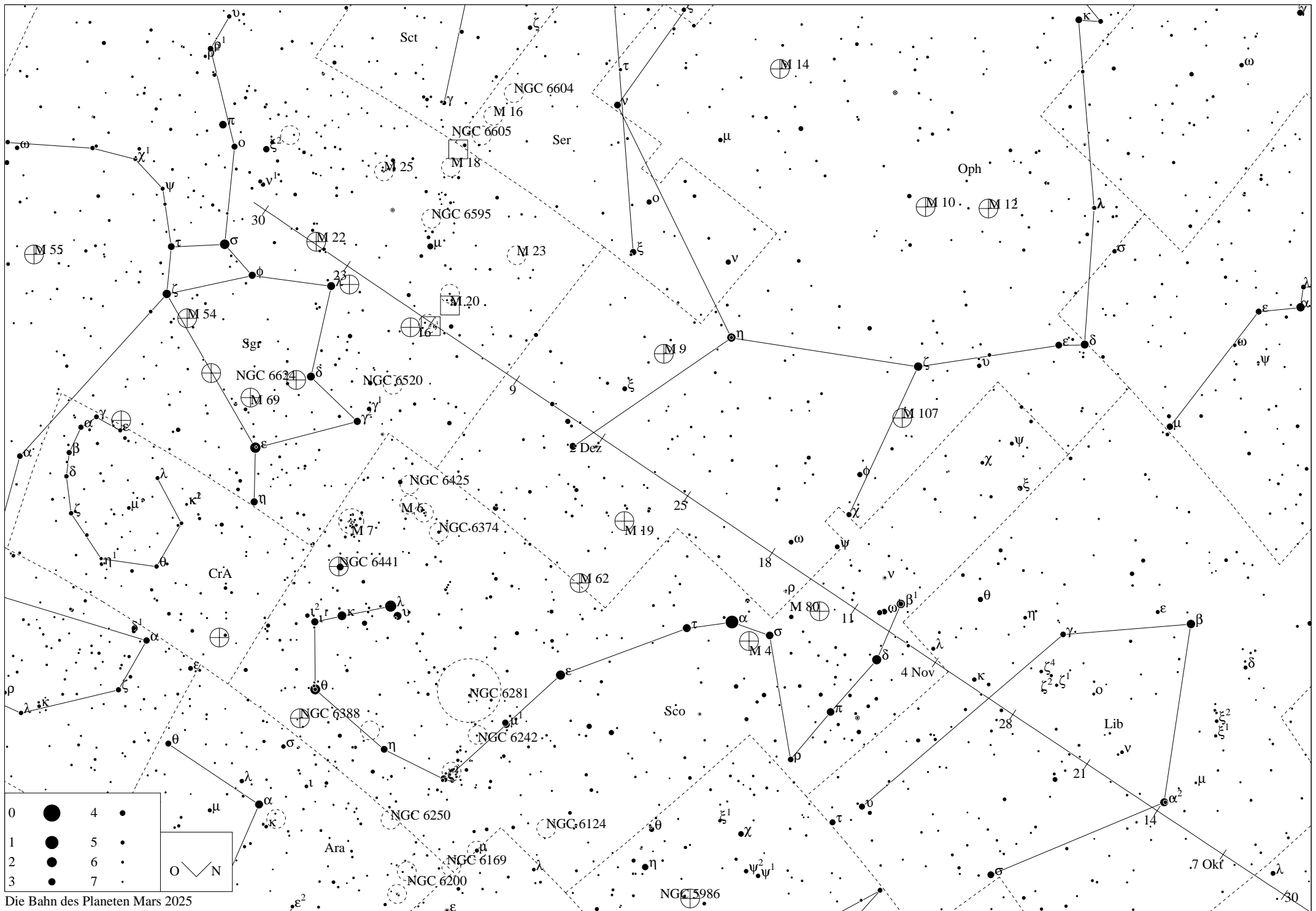
Die Bahn des Planeten Mars 2025



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EPHEMERIDE 2025 – Mars

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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1 Jan 2025	08h18m59.93s	+23 37' 21.4"	1.6126	0.6567	-1.2	158.6	12.9	60.52	160.47	51.49	288.6 Cnc
2 Jan 2025	08h17m37.20s	+23 43' 55.4"	1.6136	0.6543	-1.2	159.9	12.1	60.89	162.85	52.91	288.1 Cnc
3 Jan 2025	08h16m11.88s	+23 50' 30.2"	1.6145	0.6522	-1.2	161.2	11.3	61.22	165.30	54.24	287.7 Cnc
4 Jan 2025	08h14m44.13s	+23 57' 04.9"	1.6155	0.6502	-1.2	162.5	10.5	61.52	167.81	55.48	287.2 Cnc
5 Jan 2025	08h13m14.10s	+24 03' 38.5"	1.6164	0.6485	-1.3	163.9	9.7	61.79	170.38	56.61	286.8 Cnc
6 Jan 2025	08h11m41.95s	+24 10' 10.1"	1.6173	0.6470	-1.3	165.2	8.9	62.02	173.00	57.64	286.3 Cnc
7 Jan 2025	08h10m07.86s	+24 16' 38.6"	1.6182	0.6456	-1.3	166.5	8.1	62.21	175.67	58.57	285.9 Cnc
8 Jan 2025	08h08m32.01s	+24 23' 03.3"	1.6192	0.6445	-1.3	167.8	7.4	62.37	178.37	59.38	285.5 Cnc
9 Jan 2025	08h06m54.57s	+24 29' 23.1"	1.6201	0.6436	-1.3	169.1	6.6	62.48	181.11	60.09	285.0 Cnc
10 Jan 2025	08h05m15.73s	+24 35' 37.2"	1.6210	0.6430	-1.3	170.4	5.8	62.54	183.87	60.68	284.6 Cnc
11 Jan 2025	08h03m35.68s	+24 41' 44.7"	1.6218	0.6425	-1.3	171.6	5.1	62.57	186.65	61.16	284.2 Cnc
12 Jan 2025	08h01m54.61s	+24 47' 44.9"	1.6227	0.6423	-1.4	172.8	4.3	62.55	189.43	61.53	283.8 Cnc
13 Jan 2025	08h00m12.73s	+24 53' 37.0"	1.6236	0.6423	-1.4	173.9	3.7	62.48	192.21	61.78	283.3 Gem
14 Jan 2025	07h58m30.22s	+24 59' 20.2"	1.6245	0.6425	-1.4	174.8	3.1	62.37	194.97	61.91	282.9 Gem
15 Jan 2025	07h56m47.29s	+25 04' 53.9"	1.6253	0.6429	-1.4	175.5	2.7	62.22	197.72	61.93	282.5 Gem
16 Jan 2025	07h55m04.14s	+25 10' 17.5"	1.6262	0.6435	-1.4	175.7	2.6	62.02	200.43	61.84	282.1 Gem
17 Jan 2025	07h53m20.97s	+25 15' 30.3"	1.6270	0.6444	-1.4	175.5	2.7	61.78	203.11	61.63	281.7 Gem
18 Jan 2025	07h51m35.99s	+25 20' 31.9"	1.6279	0.6455	-1.4	174.9	3.1	61.50	205.75	61.30	281.3 Gem
19 Jan 2025	07h49m55.41s	+25 25' 21.7"	1.6287	0.6468	-1.3	174.1	3.6	61.19	208.33	60.86	280.9 Gem
20 Jan 2025	07h48m13.44s	+25 29' 59.3"	1.6295	0.6484	-1.3	173.0	4.2	60.83	210.86	60.30	280.4 Gem
21 Jan 2025	07h46m32.28s	+25 34' 24.3"	1.6303	0.6502	-1.3	171.8	4.9	60.44	213.33	59.64	280.0 Gem
22 Jan 2025	07h44m52.13s	+25 38' 36.5"	1.6311	0.6521	-1.3	170.6	5.6	60.01	215.73	58.86	279.6 Gem
23 Jan 2025	07h43m13.19s	+25 42' 35.5"	1.6319	0.6543	-1.3	169.4	6.4	59.56	218.07	57.97	279.2 Gem
24 Jan 2025	07h41m35.66s	+25 46' 21.1"	1.6327	0.6568	-1.3	168.1	7.1	59.07	220.34	56.98	278.7 Gem
25 Jan 2025	07h39m59.73s	+25 49' 53.2"	1.6335	0.6594	-1.2	166.8	7.9	58.56	222.54	55.89	278.3 Gem
26 Jan 2025	07h38m25.58s	+25 53' 11.7"	1.6342	0.6623	-1.2	165.5	8.7	58.02	224.67	54.71	277.9 Gem
27 Jan 2025	07h36m53.40s	+25 56' 16.5"	1.6350	0.6653	-1.2	164.2	9.4	57.47	226.73	53.42	277.4 Gem
28 Jan 2025	07h35m23.36s	+25 59' 07.6"	1.6358	0.6686	-1.2	162.9	10.2	56.89	228.72	52.05	277.0 Gem
29 Jan 2025	07h33m55.62s	+26 01' 45.1"	1.6365	0.6721	-1.1	161.6	11.0	56.29	230.64	50.60	276.5 Gem
30 Jan 2025	07h32m30.33s	+26 04' 09.0"	1.6372	0.6758	-1.1	160.3	11.7	55.68	232.50	49.07	276.0 Gem
31 Jan 2025	07h31m07.65s	+26 06' 19.4"	1.6380	0.6797	-1.1	159.0	12.5	55.05	234.29	47.46	275.5 Gem
1 Feb 2025	07h29m47.72s	+26 08' 16.5"	1.6387	0.6838	-1.1	157.7	13.2	54.41	236.02	45.79	275.0 Gem
2 Feb 2025	07h28m30.65s	+26 10' 00.6"	1.6394	0.6880	-1.0	156.4	13.9	53.76	237.68	44.05	274.5 Gem
3 Feb 2025	07h27m16.56s	+26 11' 31.9"	1.6401	0.6925	-1.0	155.1	14.6	53.10	239.29	42.27	274.0 Gem
4 Feb 2025	07h26m05.55s	+26 12' 50.5"	1.6408	0.6972	-1.0	153.9	15.3	52.43	240.84	40.43	273.4 Gem
5 Feb 2025	07h24m57.70s	+26 13' 56.9"	1.6415	0.7020	-1.0	152.6	16.0	51.76	242.34	38.56	272.8 Gem
6 Feb 2025	07h23m53.09s	+26 14' 51.4"	1.6421	0.7070	-0.9	151.4	16.7	51.08	243.78	36.66	272.1 Gem
7 Feb 2025	07h22m51.79s	+26 15' 34.3"	1.6428	0.7122	-0.9	150.2	17.4	50.40	245.17	34.73	271.5 Gem
8 Feb 2025	07h21m53.85s	+26 16' 05.9"	1.6435	0.7176	-0.9	149.0	18.0	49.72	246.52	32.79	270.7 Gem
9 Feb 2025	07h20m59.30s	+26 16' 26.6"	1.6441	0.7231	-0.8	147.8	18.7	49.04	247.81	30.83	269.9 Gem
10 Feb 2025	07h20m08.19s	+26 16' 36.8"	1.6448	0.7288	-0.8	146.6	19.3	48.35	249.07	28.86	269.1 Gem
11 Feb 2025	07h19m20.53s	+26 16' 36.8"	1.6454	0.7346	-0.8	145.4	19.9	47.67	250.28	26.88	268.1 Gem
12 Feb 2025	07h18m36.35s	+26 16' 27.0"	1.6460	0.7406	-0.8	144.2	20.5	46.98	251.46	24.91	267.0 Gem
13 Feb 2025	07h17m55.65s	+26 16' 07.8"	1.6466	0.7468	-0.7	143.1	21.1	46.30	252.60	22.94	265.8 Gem
14 Feb 2025	07h17m18.45s	+26 15' 39.4"	1.6472	0.7530	-0.7	141.9	21.7	45.62	253.70	20.98	264.4 Gem
15 Feb 2025	07h16m44.75s	+26 15' 02.4"	1.6478	0.7595	-0.7	140.8	22.3	44.95	254.77	19.04	262.7 Gem
16 Feb 2025	07h16m14.53s	+26 14' 16.8"	1.6484	0.7660	-0.6	139.7	22.8	44.28	255.80	17.12	260.7 Gem
17 Feb 2025	07h15m47.79s	+26 13' 23.2"	1.6490	0.7727	-0.6	138.6	23.3	43.61	256.81	15.23	258.2 Gem
18 Feb 2025	07h15m24.53s	+26 12' 21.7"	1.6495	0.7796	-0.6	137.5	23.9	42.94	257.78	13.38	255.2 Gem
19 Feb 2025	07h15m04.71s	+26 11' 12.6"	1.6501	0.7865	-0.6	136.4	24.4	42.29	258.73	11.59	251.2 Gem
20 Feb 2025	07h14m48.32s	+26 09' 56.3"	1.6507	0.7936	-0.5	135.4	24.9	41.63	259.65	9.88	245.9 Gem
21 Feb 2025	07h14m35.35s	+26 08' 32.9"	1.6512	0.8008	-0.5	134.3	25.4	40.98	260.54	8.29	238.6 Gem
22 Feb 2025	07h14m25.75s	+26 07' 02.7"	1.6517	0.8081	-0.5	133.3	25.8	40.34	261.41	6.91	228.3 Gem
23 Feb 2025	07h14m19.50s	+26 05' 25.9"	1.6522	0.8155	-0.5	132.3	26.3	39.70	262.26	5.86	213.7 Gem
24 Feb 2025	07h14m16.56s	+26 03' 42.7"	1.6528	0.8230	-0.4	131.3	26.7	39.07	263.09	5.31	194.9 Gem
25 Feb 2025	07h14m16.92s	+26 01' 53.4"	1.6533	0.8307	-0.4	130.3	27.2	38.45	263.89	5.41	174.7 Gem
26 Feb 2025	07h14m20.51s	+25 59' 58.0"	1.6538	0.8384	-0.4	129.3	27.6	37.83	264.67	6.10	157.4 Gem
27 Feb 2025	07h14m27.32s	+25 57' 56.7"	1.6542	0.8462	-0.3	128.3	28.0	37.22	265.44	7.20	144.6 Gem
28 Feb 2025	07h14m37.28s	+25 55' 49.6"	1.6547	0.8542	-0.3	127.4	28.4	36.61	266.18	8.53	135.6 Gem
1 Mär 2025	07h14m50.38s	+25 53' 36.9"	1.6552	0.8622	-0.3	126.4	28.8	36.01	266.91	10.00	129.3 Gem
2 Mär 2025	07h15m06.54s	+25 51' 18.8"	1.6556	0.8703	-0.3	125.5	29.2	35.42	267.62	11.53	124.6 Gem
3 Mär 2025	07h15m25.73s	+25 48' 55.2"	1.6561	0.8785	-0.2	124.6	29.5	34.83	268.31	13.09	121.1 Gem
4 Mär 2025	07h15m47.88s	+25 46' 26.3"	1.6565	0.8867	-0.2	123.7	29.9	34.25	268.99	14.66	118.5 Gem
5 Mär 2025	07h16m12.94s	+25 43' 52.2"	1.6569	0.8950	-0.2	122.8	30.2	33.67	269.65	16.23	116.3 Gem
6 Mär 2025	07h16m40.86s	+25 41' 13.0"	1.6574	0.9035	-0.2	121.9	30.6	33.10	270.30	17.78	114.6 Gem
7 Mär 2025	07h17m11.56s	+25 38' 28.7"	1.6578	0.9119	-0.1	121.0	30.9	32.54	270.94	19.31	113.2 Gem
8 Mär 2025	07h17m45.00s	+25 35' 39.4"	1.6582	0.9205	-0.1	120.1	31.2	31.99	271.56	20.82	112.0 Gem
9 Mär 2025	07h18m21.09s	+25 32' 45.2"	1.6586	0.9291	-0.1	119.3	31.5	31.44	272.16	22.31	111.0 Gem
10 Mär 2025	07h18m59.79s	+25 29' 46.2"	1.6589	0.9377	-0.1	118.4	31.8	30.89	272.76	23.76	110.2 Gem
11 Mär 2025	07h19m41.03s	+25 26' 42.2"	1.6593	0.9465	-0.0	117.6	32.0	30.35	273.35	25.19	109.5 Gem
12 Mär 2025	07h20m24.75s	+25 23' 33.5"	1.6597	0.9552	-0.0	116.8	32.3	29.82	273.92	26.60	108.9 Gem
13 Mär 2025	07h21m10.89s	+25 20' 20.0"	1.6600	0.9641	0.0	115.9	32.6	29.29	274.48	27.97	108.3 Gem
14 Mär 2025	07h21m59.40s	+25 17' 01.7"	1.6603	0.9729	0.0	115.1	32.8	28.77	275.03	29.32	107.8 Gem
15 Mär 2025	07h22m50.21s	+25 13' 38.6"	1.6607	0.9819	0.1	114.3	33.1	28.25	275.57	30.63	107.4 Gem

EPHEMERIDE 2025 – Mars

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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16 Mär 2025	07h23m43.27s	+25 10' 10.7"	1.6610	0.9908	0.1	113.6	33.3	27.74	276.11	31.93	107.1 Gem
17 Mär 2025	07h24m38.54s	+25 06' 38.1"	1.6613	0.9999	0.1	112.8	33.5	27.23	276.63	33.19	106.7 Gem
18 Mär 2025	07h25m35.95s	+25 03' 00.7"	1.6616	1.0089	0.1	112.0	33.7	26.73	277.14	34.43	106.5 Gem
19 Mär 2025	07h26m35.45s	+24 59' 18.4"	1.6619	1.0180	0.2	111.2	33.9	26.23	277.65	35.64	106.2 Gem
20 Mär 2025	07h27m37.00s	+24 55' 31.3"	1.6622	1.0271	0.2	110.5	34.1	25.74	278.14	36.83	106.0 Gem
21 Mär 2025	07h28m40.55s	+24 51' 39.3"	1.6625	1.0363	0.2	109.7	34.3	25.25	278.63	38.00	105.8 Gem
22 Mär 2025	07h29m46.05s	+24 47' 42.3"	1.6627	1.0455	0.2	109.0	34.5	24.77	279.11	39.14	105.6 Gem
23 Mär 2025	07h30m53.46s	+24 43' 40.4"	1.6630	1.0547	0.3	108.3	34.7	24.29	279.58	40.26	105.5 Gem
24 Mär 2025	07h32m02.73s	+24 39' 33.5"	1.6632	1.0640	0.3	107.6	34.9	23.82	280.05	41.36	105.4 Gem
25 Mär 2025	07h33m13.82s	+24 35' 21.5"	1.6634	1.0733	0.3	106.9	35.0	23.34	280.51	42.44	105.2 Gem
26 Mär 2025	07h34m26.68s	+24 31' 04.4"	1.6637	1.0826	0.3	106.1	35.2	22.88	280.96	43.49	105.2 Gem
27 Mär 2025	07h35m41.28s	+24 26' 42.0"	1.6639	1.0920	0.3	105.4	35.3	22.41	281.41	44.53	105.1 Gem
28 Mär 2025	07h36m57.58s	+24 22' 14.4"	1.6641	1.1013	0.4	104.8	35.5	21.95	281.84	45.54	105.0 Gem
29 Mär 2025	07h38m15.53s	+24 17' 41.5"	1.6643	1.1107	0.4	104.1	35.6	21.50	282.28	46.54	105.0 Gem
30 Mär 2025	07h39m35.10s	+24 13' 03.3"	1.6645	1.1201	0.4	103.4	35.7	21.05	282.70	47.51	104.9 Gem
31 Mär 2025	07h40m56.24s	+24 08' 19.6"	1.6646	1.1295	0.4	102.7	35.8	20.60	283.12	48.46	104.9 Gem
1 Apr 2025	07h42m18.91s	+24 03' 30.4"	1.6648	1.1390	0.4	102.1	35.9	20.15	283.54	49.39	104.9 Gem
2 Apr 2025	07h43m43.07s	+23 58' 35.6"	1.6650	1.1484	0.5	101.4	36.0	19.71	283.95	50.30	104.9 Gem
3 Apr 2025	07h45m08.67s	+23 53' 35.3"	1.6651	1.1579	0.5	100.8	36.1	19.27	284.35	51.19	104.9 Gem
4 Apr 2025	07h46m35.68s	+23 48' 29.4"	1.6652	1.1673	0.5	100.1	36.2	18.83	284.75	52.05	104.9 Gem
5 Apr 2025	07h48m04.04s	+23 43' 17.9"	1.6654	1.1768	0.5	99.5	36.3	18.40	285.14	52.89	104.9 Gem
6 Apr 2025	07h49m33.71s	+23 38' 00.6"	1.6655	1.1863	0.5	98.8	36.4	17.96	285.53	53.71	104.9 Gem
7 Apr 2025	07h51m04.66s	+23 32' 37.7"	1.6656	1.1958	0.6	98.2	36.5	17.53	285.91	54.51	104.9 Gem
8 Apr 2025	07h52m36.85s	+23 27' 09.0"	1.6657	1.2053	0.6	97.6	36.6	17.11	286.29	55.29	105.0 Gem
9 Apr 2025	07h54m10.23s	+23 21' 34.5"	1.6657	1.2147	0.6	97.0	36.6	16.68	286.67	56.05	105.0 Gem
10 Apr 2025	07h55m44.77s	+23 15' 54.2"	1.6658	1.2242	0.6	96.4	36.7	16.26	287.04	56.79	105.1 Gem
11 Apr 2025	07h57m20.44s	+23 10' 08.1"	1.6659	1.2337	0.6	95.8	36.8	15.84	287.41	57.51	105.1 Gem
12 Apr 2025	07h58m57.20s	+23 04' 16.0"	1.6659	1.2432	0.6	95.2	36.8	15.42	287.77	58.22	105.2 Gem
13 Apr 2025	08h00m35.01s	+22 58' 18.1"	1.6660	1.2527	0.7	94.6	36.9	15.01	288.13	58.91	105.2 Cnc
14 Apr 2025	08h02m13.86s	+22 52' 14.2"	1.6660	1.2621	0.7	94.0	36.9	14.59	288.48	59.59	105.3 Cnc
15 Apr 2025	08h03m53.70s	+22 46' 04.4"	1.6660	1.2716	0.7	93.4	36.9	14.18	288.84	60.25	105.4 Cnc
16 Apr 2025	08h05m34.52s	+22 39' 48.5"	1.6661	1.2811	0.7	92.8	37.0	13.77	289.19	60.90	105.4 Cnc
17 Apr 2025	08h07m16.28s	+22 33' 26.6"	1.6661	1.2905	0.7	92.3	37.0	13.36	289.53	61.53	105.5 Cnc
18 Apr 2025	08h08m58.96s	+22 26' 58.5"	1.6661	1.3000	0.8	91.7	37.0	12.95	289.87	62.15	105.6 Cnc
19 Apr 2025	08h10m42.53s	+22 20' 24.4"	1.6660	1.3094	0.8	91.1	37.1	12.54	290.21	62.76	105.7 Cnc
20 Apr 2025	08h12m26.96s	+22 13' 44.0"	1.6660	1.3189	0.8	90.6	37.1	12.13	290.55	63.36	105.8 Cnc
21 Apr 2025	08h14m12.25s	+22 06' 57.5"	1.6660	1.3283	0.8	90.0	37.1	11.73	290.88	63.95	105.8 Cnc
22 Apr 2025	08h15m58.35s	+22 00' 04.7"	1.6659	1.3377	0.8	89.5	37.1	11.32	291.21	64.53	105.9 Cnc
23 Apr 2025	08h17m45.27s	+21 53' 05.6"	1.6659	1.3471	0.8	88.9	37.1	10.92	291.54	65.10	106.0 Cnc
24 Apr 2025	08h19m32.96s	+21 46' 00.2"	1.6658	1.3565	0.8	88.4	37.1	10.52	291.87	65.66	106.1 Cnc
25 Apr 2025	08h21m21.41s	+21 38' 48.5"	1.6657	1.3659	0.9	87.9	37.1	10.12	292.19	66.20	106.2 Cnc
26 Apr 2025	08h23m10.61s	+21 31' 30.3"	1.6657	1.3752	0.9	87.3	37.1	9.72	292.51	66.74	106.3 Cnc
27 Apr 2025	08h25m00.53s	+21 24' 05.8"	1.6656	1.3846	0.9	86.8	37.1	9.32	292.83	67.27	106.4 Cnc
28 Apr 2025	08h26m51.16s	+21 16' 34.8"	1.6655	1.3939	0.9	86.3	37.1	8.92	293.14	67.79	106.5 Cnc
29 Apr 2025	08h28m42.46s	+21 08' 57.3"	1.6653	1.4032	0.9	85.7	37.1	8.53	293.45	68.30	106.6 Cnc
30 Apr 2025	08h30m34.43s	+21 01' 13.3"	1.6652	1.4125	0.9	85.2	37.1	8.13	293.77	68.80	106.7 Cnc
1 Mai 2025	08h32m27.02s	+20 53' 22.9"	1.6651	1.4218	0.9	84.7	37.1	7.73	294.07	69.28	106.8 Cnc
2 Mai 2025	08h34m20.24s	+20 45' 26.0"	1.6649	1.4310	1.0	84.2	37.0	7.34	294.38	69.76	106.9 Cnc
3 Mai 2025	08h36m14.04s	+20 37' 22.6"	1.6648	1.4402	1.0	83.7	37.0	6.94	294.69	70.22	107.1 Cnc
4 Mai 2025	08h38m08.41s	+20 29' 12.8"	1.6646	1.4494	1.0	83.2	37.0	6.55	294.99	70.67	107.2 Cnc
5 Mai 2025	08h40m03.32s	+20 20' 56.5"	1.6644	1.4586	1.0	82.7	36.9	6.15	295.29	71.11	107.3 Cnc
6 Mai 2025	08h41m58.77s	+20 12' 33.8"	1.6643	1.4678	1.0	82.2	36.9	5.76	295.59	71.54	107.4 Cnc
7 Mai 2025	08h43m54.72s	+20 04' 04.7"	1.6641	1.4769	1.0	81.7	36.9	5.36	295.89	71.96	107.5 Cnc
8 Mai 2025	08h45m51.16s	+19 55' 29.2"	1.6639	1.4860	1.0	81.2	36.8	4.97	296.19	72.38	107.6 Cnc
9 Mai 2025	08h47m48.07s	+19 46' 47.3"	1.6636	1.4950	1.0	80.7	36.8	4.58	296.48	72.78	107.7 Cnc
10 Mai 2025	08h49m45.44s	+19 37' 59.1"	1.6634	1.5041	1.1	80.2	36.7	4.18	296.78	73.17	107.8 Cnc
11 Mai 2025	08h51m43.24s	+19 29' 04.5"	1.6632	1.5131	1.1	79.8	36.7	3.79	297.07	73.56	108.0 Cnc
12 Mai 2025	08h53m41.48s	+19 20' 03.6"	1.6629	1.5221	1.1	79.3	36.6	3.39	297.36	73.94	108.1 Cnc
13 Mai 2025	08h55m40.12s	+19 10' 56.3"	1.6627	1.5310	1.1	78.8	36.6	3.00	297.65	74.31	108.2 Cnc
14 Mai 2025	08h57m39.16s	+19 01' 42.7"	1.6624	1.5400	1.1	78.3	36.5	2.61	297.94	74.68	108.3 Cnc
15 Mai 2025	08h59m38.59s	+18 52' 22.9"	1.6621	1.5489	1.1	77.9	36.5	2.21	298.23	75.04	108.4 Cnc
16 Mai 2025	09h01m38.39s	+18 42' 56.7"	1.6619	1.5577	1.1	77.4	36.4	1.82	298.52	75.40	108.5 Cnc
17 Mai 2025	09h03m38.55s	+18 33' 24.3"	1.6616	1.5666	1.1	76.9	36.4	1.43	298.81	75.75	108.7 Cnc
18 Mai 2025	09h05m39.07s	+18 23' 45.6"	1.6613	1.5754	1.1	76.5	36.3	1.03	299.09	76.09	108.8 Cnc
19 Mai 2025	09h07m39.93s	+18 14' 00.6"	1.6610	1.5842	1.2	76.0	36.2	0.64	299.38	76.43	108.9 Cnc
20 Mai 2025	09h09m41.13s	+18 04' 09.4"	1.6606	1.5929	1.2	75.6	36.2	0.24	299.66	76.77	109.0 Cnc
21 Mai 2025	09h11m42.66s	+17 54' 11.9"	1.6603	1.6016	1.2	75.1	36.1	-0.15	299.95	77.10	109.1 Cnc
22 Mai 2025	09h13m44.51s	+17 44' 08.2"	1.6600	1.6103	1.2	74.7	36.0	-0.55	300.23	77.43	109.2 Cnc
23 Mai 2025	09h15m46.67s	+17 33' 58.3"	1.6596	1.6190	1.2	74.2	35.9	-0.94	300.51	77.76	109.4 Cnc
24 Mai 2025	09h17m49.14s	+17 23' 42.1"	1.6592	1.6276	1.2	73.8	35.9	-1.34	300.79	78.08	109.5 Cnc
25 Mai 2025	09h19m51.91s	+17 13' 19.7"	1.6589	1.6362	1.2	73.3	35.8	-1.73	301.07	78.40	109.6 Cnc
26 Mai 2025	09h21m54.97s	+17 02' 51.2"	1.6585	1.6447	1.2	72.9	35.7	-2.13	301.36	78.71	109.7 Cnc
27 Mai 2025	09h23m58.31s	+16 52' 16.5"	1.6581	1.6532	1.2	72.4	35.6	-2.53	301.64	79.02	109.8 Leo
28 Mai 2025	09h26m01.92s	+16 41' 35.6"	1.6577	1.6617	1.2	72.0	35.5	-2.92	301.92	79.33	109.9 Leo

EPHEMERIDE 2025 – Mars

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	
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29 Mai 2025	09h28m05.80s	+16 30' 48.7"	1.6573	1.6701	1.3	71.6	35.5	-3.32	302.20	79.63	110.0	Leo
30 Mai 2025	09h30m09.93s	+16 19' 55.8"	1.6569	1.6785	1.3	71.1	35.4	-3.72	302.48	79.92	110.1	Leo
31 Mai 2025	09h32m14.30s	+16 08' 56.9"	1.6565	1.6869	1.3	70.7	35.3	-4.11	302.76	80.20	110.3	Leo
1 Jun 2025	09h34m18.90s	+15 57' 52.0"	1.6560	1.6952	1.3	70.3	35.2	-4.51	303.04	80.48	110.4	Leo
2 Jun 2025	09h36m23.73s	+15 46' 41.3"	1.6556	1.7035	1.3	69.9	35.1	-4.91	303.31	80.76	110.5	Leo
3 Jun 2025	09h38m28.77s	+15 35' 24.7"	1.6551	1.7117	1.3	69.4	35.0	-5.31	303.59	81.03	110.6	Leo
4 Jun 2025	09h40m34.02s	+15 24' 02.4"	1.6546	1.7199	1.3	69.0	34.9	-5.71	303.87	81.29	110.7	Leo
5 Jun 2025	09h42m39.46s	+15 12' 34.4"	1.6542	1.7281	1.3	68.6	34.8	-6.11	304.15	81.55	110.8	Leo
6 Jun 2025	09h44m45.10s	+15 01' 00.7"	1.6537	1.7362	1.3	68.2	34.7	-6.51	304.43	81.80	110.9	Leo
7 Jun 2025	09h46m50.92s	+14 49' 21.4"	1.6532	1.7443	1.3	67.8	34.6	-6.91	304.71	82.05	111.0	Leo
8 Jun 2025	09h48m56.92s	+14 37' 36.6"	1.6527	1.7523	1.3	67.4	34.5	-7.31	304.99	82.30	111.1	Leo
9 Jun 2025	09h51m03.09s	+14 25' 46.2"	1.6522	1.7603	1.3	66.9	34.4	-7.71	305.27	82.55	111.2	Leo
10 Jun 2025	09h53m09.43s	+14 13' 50.4"	1.6517	1.7682	1.4	66.5	34.3	-8.11	305.55	82.79	111.3	Leo
11 Jun 2025	09h55m15.93s	+14 01' 49.2"	1.6511	1.7761	1.4	66.1	34.2	-8.51	305.83	83.02	111.4	Leo
12 Jun 2025	09h57m22.60s	+13 49' 42.7"	1.6506	1.7840	1.4	65.7	34.1	-8.92	306.11	83.26	111.5	Leo
13 Jun 2025	09h59m29.43s	+13 37' 30.8"	1.6500	1.7918	1.4	65.3	34.0	-9.32	306.39	83.49	111.6	Leo
14 Jun 2025	10h01m36.41s	+13 25' 13.7"	1.6495	1.7996	1.4	64.9	33.9	-9.72	306.68	83.72	111.7	Leo
15 Jun 2025	10h03m41.54s	+13 12' 51.3"	1.6489	1.8073	1.4	64.5	33.8	-10.13	306.96	83.95	111.8	Leo
16 Jun 2025	10h05m50.83s	+13 00' 23.7"	1.6483	1.8150	1.4	64.1	33.7	-10.53	307.24	84.18	111.9	Leo
17 Jun 2025	10h07m58.27s	+12 47' 51.0"	1.6477	1.8227	1.4	63.7	33.6	-10.93	307.53	84.40	112.0	Leo
18 Jun 2025	10h10m05.87s	+12 35' 13.2"	1.6471	1.8303	1.4	63.3	33.4	-11.34	307.81	84.63	112.1	Leo
19 Jun 2025	10h12m13.61s	+12 22' 30.3"	1.6465	1.8379	1.4	62.9	33.3	-11.74	308.09	84.86	112.2	Leo
20 Jun 2025	10h14m21.51s	+12 09' 42.3"	1.6459	1.8454	1.4	62.5	33.2	-12.15	308.38	85.08	112.2	Leo
21 Jun 2025	10h16m29.56s	+11 56' 49.4"	1.6453	1.8529	1.4	62.2	33.1	-12.56	308.66	85.30	112.3	Leo
22 Jun 2025	10h18m37.76s	+11 43' 51.5"	1.6447	1.8603	1.4	61.8	33.0	-12.96	308.95	85.53	112.4	Leo
23 Jun 2025	10h20m46.12s	+11 30' 48.7"	1.6440	1.8677	1.4	61.4	32.9	-13.37	309.24	85.75	112.5	Leo
24 Jun 2025	10h22m54.63s	+11 17' 41.0"	1.6434	1.8750	1.4	61.0	32.7	-13.77	309.53	85.97	112.6	Leo
25 Jun 2025	10h25m03.28s	+11 04' 28.5"	1.6427	1.8823	1.5	60.6	32.6	-14.18	309.81	86.18	112.7	Leo
26 Jun 2025	10h27m12.09s	+10 51' 11.3"	1.6421	1.8896	1.5	60.2	32.5	-14.59	310.10	86.40	112.7	Leo
27 Jun 2025	10h29m21.03s	+10 37' 49.4"	1.6414	1.8968	1.5	59.8	32.4	-14.99	310.39	86.61	112.8	Leo
28 Jun 2025	10h31m30.13s	+10 24' 22.9"	1.6407	1.9040	1.5	59.5	32.3	-15.40	310.68	86.81	112.9	Leo
29 Jun 2025	10h33m39.36s	+10 10' 52.0"	1.6400	1.9111	1.5	59.1	32.1	-15.81	310.98	87.02	113.0	Leo
30 Jun 2025	10h35m48.72s	+09 57' 16.6"	1.6393	1.9181	1.5	58.7	32.0	-16.22	311.27	87.22	113.0	Leo
1 Jul 2025	10h37m58.23s	+09 43' 36.8"	1.6386	1.9252	1.5	58.3	31.9	-16.63	311.57	87.41	113.1	Leo
2 Jul 2025	10h40m07.86s	+09 29' 52.8"	1.6379	1.9321	1.5	58.0	31.7	-17.04	311.86	87.61	113.2	Leo
3 Jul 2025	10h42m17.63s	+09 16' 04.6"	1.6371	1.9390	1.5	57.6	31.6	-17.44	312.16	87.80	113.3	Leo
4 Jul 2025	10h44m27.53s	+09 02' 12.3"	1.6364	1.9459	1.5	57.2	31.5	-17.85	312.45	87.99	113.3	Leo
5 Jul 2025	10h46m37.56s	+08 48' 15.9"	1.6357	1.9527	1.5	56.8	31.4	-18.26	312.75	88.18	113.4	Leo
6 Jul 2025	10h48m47.72s	+08 34' 15.6"	1.6349	1.9595	1.5	56.5	31.2	-18.67	313.05	88.36	113.4	Leo
7 Jul 2025	10h50m58.01s	+08 20' 11.4"	1.6341	1.9662	1.5	56.1	31.1	-19.08	313.35	88.54	113.5	Leo
8 Jul 2025	10h53m08.43s	+08 06' 03.3"	1.6334	1.9729	1.5	55.7	31.0	-19.49	313.65	88.73	113.6	Leo
9 Jul 2025	10h55m18.98s	+07 51' 51.5"	1.6326	1.9795	1.5	55.4	30.8	-19.89	313.95	88.91	113.6	Leo
10 Jul 2025	10h57m29.67s	+07 37' 36.0"	1.6318	1.9861	1.5	55.0	30.7	-20.30	314.26	89.09	113.7	Leo
11 Jul 2025	10h59m40.49s	+07 23' 16.9"	1.6310	1.9926	1.5	54.7	30.6	-20.71	314.56	89.27	113.7	Leo
12 Jul 2025	11h01m51.46s	+07 08' 54.2"	1.6302	1.9991	1.5	54.3	30.4	-21.12	314.87	89.44	113.8	Leo
13 Jul 2025	11h04m02.56s	+06 54' 28.0"	1.6294	2.0055	1.5	53.9	30.3	-21.53	315.18	89.62	113.8	Leo
14 Jul 2025	11h06m13.81s	+06 39' 58.4"	1.6286	2.0119	1.5	53.6	30.1	-21.94	315.48	89.80	113.9	Leo
15 Jul 2025	11h08m25.21s	+06 25' 25.4"	1.6277	2.0182	1.5	53.2	30.0	-22.34	315.79	89.98	113.9	Leo
16 Jul 2025	11h10m36.76s	+06 10' 49.1"	1.6269	2.0245	1.5	52.9	29.9	-22.75	316.11	90.16	114.0	Leo
17 Jul 2025	11h12m48.48s	+05 56' 09.5"	1.6261	2.0307	1.5	52.5	29.7	-23.16	316.42	90.34	114.0	Leo
18 Jul 2025	11h15m00.35s	+05 41' 26.7"	1.6252	2.0369	1.6	52.1	29.6	-23.56	316.73	90.52	114.0	Leo
19 Jul 2025	11h17m12.39s	+05 26' 40.7"	1.6243	2.0431	1.6	51.8	29.4	-23.97	317.05	90.70	114.1	Leo
20 Jul 2025	11h19m24.61s	+05 11' 51.7"	1.6235	2.0492	1.6	51.4	29.3	-24.38	317.36	90.88	114.1	Leo
21 Jul 2025	11h21m37.00s	+04 56' 59.6"	1.6226	2.0552	1.6	51.1	29.2	-24.78	317.68	91.06	114.2	Leo
22 Jul 2025	11h23m49.57s	+04 42' 04.6"	1.6217	2.0612	1.6	50.7	29.0	-25.19	318.00	91.24	114.2	Leo
23 Jul 2025	11h26m02.32s	+04 27' 06.7"	1.6208	2.0671	1.6	50.4	28.9	-25.60	318.32	91.42	114.2	Leo
24 Jul 2025	11h28m15.26s	+04 12' 05.9"	1.6199	2.0730	1.6	50.0	28.7	-26.00	318.65	91.60	114.2	Leo
25 Jul 2025	11h30m28.38s	+03 57' 02.5"	1.6190	2.0789	1.6	49.7	28.6	-26.40	318.97	91.78	114.3	Leo
26 Jul 2025	11h32m41.70s	+03 41' 56.5"	1.6181	2.0847	1.6	49.3	28.4	-26.81	319.29	91.95	114.3	Leo
27 Jul 2025	11h34m55.20s	+03 26' 47.9"	1.6172	2.0904	1.6	49.0	28.3	-27.21	319.62	92.12	114.3	Leo
28 Jul 2025	11h37m08.90s	+03 11' 36.9"	1.6163	2.0961	1.6	48.6	28.1	-27.62	319.95	92.29	114.3	Leo
29 Jul 2025	11h39m22.80s	+02 56' 23.6"	1.6153	2.1017	1.6	48.3	28.0	-28.02	320.28	92.46	114.3	Vir
30 Jul 2025	11h41m36.89s	+02 41' 08.0"	1.6144	2.1073	1.6	48.0	27.8	-28.42	320.61	92.63	114.4	Vir
31 Jul 2025	11h43m51.18s	+02 25' 50.3"	1.6134	2.1128	1.6	47.6	27.7	-28.82	320.95	92.80	114.4	Vir
1 Aug 2025	11h46m05.67s	+02 10' 30.6"	1.6125	2.1183	1.6	47.3	27.5	-29.22	321.28	92.96	114.4	Vir
2 Aug 2025	11h48m20.37s	+01 55' 08.9"	1.6115	2.1237	1.6	46.9	27.4	-29.62	321.62	93.12	114.4	Vir
3 Aug 2025	11h50m35.28s	+01 39' 45.3"	1.6105	2.1291	1.6	46.6	27.2	-30.02	321.95	93.28	114.4	Vir
4 Aug 2025	11h52m50.40s	+01 24' 20.0"	1.6095	2.1344	1.6	46.3	27.1	-30.42	322.29	93.44	114.4	Vir
5 Aug 2025	11h55m05.74s	+01 08' 53.0"	1.6086	2.1397	1.6	45.9	26.9	-30.81	322.64	93.60	114.4	Vir
6 Aug 2025	11h57m21.29s	+00 53' 24.4"	1.6076	2.1449	1.6	45.6	26.8	-31.21	322.98	93.76	114.4	Vir
7 Aug 2025	11h59m37.07s	+00 37' 54.3"	1.6066	2.1500	1.6	45.2	26.6	-31.60	323.32	93.92	114.4	Vir
8 Aug 2025	12h01m53.08s	+00 22' 22.8"	1.6056	2.1552	1.6	44.9	26.5	-32.00	323.67	94.08	114.4	Vir
9 Aug 2025	12h04m09.33s	+00 06' 50.0"	1.6045	2.1602	1.6	44.6	26.3	-32.39	324.02	94.24	114.4	Vir
10 Aug 2025	12h06m25.82s	-00 08' 44.0"	1.6035	2.1652	1.6	44.2	26.2	-32.79	324.37	94.40	114.4	Vir

EPHEMERIDE 2025 – Mars

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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11 Aug 2025	12h08m42.55s	-00 24' 19.3"	1.6025	2.1702	1.6	43.9	26.0	-33.18	324.72	94.56	114.4 Vir
12 Aug 2025	12h10m59.53s	-00 39' 55.6"	1.6015	2.1751	1.6	43.6	25.9	-33.57	325.08	94.72	114.3 Vir
13 Aug 2025	12h13m16.78s	-00 55' 33.0"	1.6004	2.1800	1.6	43.3	25.7	-33.96	325.43	94.88	114.3 Vir
14 Aug 2025	12h15m34.29s	-01 11' 11.3"	1.5994	2.1848	1.6	42.9	25.6	-34.34	325.79	95.05	114.3 Vir
15 Aug 2025	12h17m52.08s	-01 26' 50.5"	1.5983	2.1895	1.6	42.6	25.4	-34.73	326.15	95.21	114.3 Vir
16 Aug 2025	12h20m10.15s	-01 42' 30.4"	1.5972	2.1943	1.6	42.3	25.2	-35.12	326.51	95.38	114.3 Vir
17 Aug 2025	12h22m28.51s	-01 58' 11.1"	1.5962	2.1989	1.6	41.9	25.1	-35.50	326.87	95.54	114.2 Vir
18 Aug 2025	12h24m47.17s	-02 13' 52.4"	1.5951	2.2035	1.6	41.6	24.9	-35.88	327.24	95.71	114.2 Vir
19 Aug 2025	12h27m06.13s	-02 29' 34.2"	1.5940	2.2081	1.6	41.3	24.8	-36.26	327.60	95.88	114.2 Vir
20 Aug 2025	12h29m25.40s	-02 45' 16.4"	1.5929	2.2126	1.6	40.9	24.6	-36.64	327.97	96.04	114.1 Vir
21 Aug 2025	12h31m44.98s	-03 00' 58.9"	1.5918	2.2171	1.6	40.6	24.4	-37.02	328.34	96.21	114.1 Vir
22 Aug 2025	12h34m04.87s	-03 16' 41.7"	1.5908	2.2215	1.6	40.3	24.3	-37.40	328.71	96.37	114.0 Vir
23 Aug 2025	12h36m25.10s	-03 32' 24.5"	1.5896	2.2258	1.6	40.0	24.1	-37.78	329.09	96.54	114.0 Vir
24 Aug 2025	12h38m45.65s	-03 48' 07.4"	1.5885	2.2301	1.6	39.6	24.0	-38.15	329.46	96.70	114.0 Vir
25 Aug 2025	12h41m06.53s	-04 03' 50.1"	1.5874	2.2344	1.6	39.3	23.8	-38.52	329.84	96.86	113.9 Vir
26 Aug 2025	12h43m27.75s	-04 19' 32.6"	1.5863	2.2386	1.6	39.0	23.6	-38.89	330.22	97.02	113.9 Vir
27 Aug 2025	12h45m49.30s	-04 35' 14.7"	1.5852	2.2427	1.6	38.7	23.5	-39.26	330.60	97.18	113.8 Vir
28 Aug 2025	12h48m11.21s	-04 50' 56.3"	1.5840	2.2468	1.6	38.4	23.3	-39.63	330.98	97.34	113.8 Vir
29 Aug 2025	12h50m33.46s	-05 06' 37.3"	1.5829	2.2509	1.6	38.0	23.2	-40.00	331.37	97.50	113.7 Vir
30 Aug 2025	12h52m56.07s	-05 22' 17.6"	1.5818	2.2549	1.6	37.7	23.0	-40.36	331.75	97.65	113.6 Vir
31 Aug 2025	12h55m19.03s	-05 37' 57.1"	1.5806	2.2588	1.6	37.4	22.8	-40.72	332.14	97.81	113.6 Vir
1 Sep 2025	12h57m42.37s	-05 53' 35.6"	1.5795	2.2627	1.6	37.1	22.7	-41.08	332.53	97.96	113.5 Vir
2 Sep 2025	13h00m06.07s	-06 09' 13.1"	1.5783	2.2665	1.6	36.8	22.5	-41.44	332.92	98.12	113.4 Vir
3 Sep 2025	13h02m30.14s	-06 24' 49.3"	1.5771	2.2703	1.6	36.4	22.3	-41.80	333.32	98.27	113.4 Vir
4 Sep 2025	13h04m54.60s	-06 40' 24.3"	1.5760	2.2740	1.6	36.1	22.2	-42.15	333.71	98.43	113.3 Vir
5 Sep 2025	13h07m19.44s	-06 55' 57.8"	1.5748	2.2777	1.6	35.8	22.0	-42.51	334.11	98.58	113.2 Vir
6 Sep 2025	13h09m44.68s	-07 11' 29.9"	1.5736	2.2814	1.6	35.5	21.8	-42.86	334.51	98.73	113.1 Vir
7 Sep 2025	13h12m10.31s	-07 27' 00.2"	1.5724	2.2849	1.6	35.2	21.7	-43.20	334.91	98.89	113.0 Vir
8 Sep 2025	13h14m36.36s	-07 42' 28.9"	1.5712	2.2885	1.6	34.9	21.5	-43.55	335.31	99.04	113.0 Vir
9 Sep 2025	13h17m02.81s	-07 57' 55.6"	1.5700	2.2920	1.6	34.6	21.3	-43.90	335.72	99.20	112.9 Vir
10 Sep 2025	13h19m29.69s	-08 13' 20.4"	1.5689	2.2954	1.6	34.2	21.2	-44.24	336.12	99.35	112.8 Vir
11 Sep 2025	13h21m57.00s	-08 28' 43.2"	1.5676	2.2988	1.6	33.9	21.0	-44.58	336.53	99.51	112.7 Vir
12 Sep 2025	13h24m24.75s	-08 44' 03.8"	1.5664	2.3021	1.6	33.6	20.8	-44.91	336.94	99.67	112.6 Vir
13 Sep 2025	13h26m52.95s	-08 59' 22.1"	1.5652	2.3054	1.6	33.3	20.7	-45.25	337.35	99.84	112.5 Vir
14 Sep 2025	13h29m21.61s	-09 14' 38.0"	1.5640	2.3087	1.6	33.0	20.5	-45.58	337.77	100.00	112.4 Vir
15 Sep 2025	13h31m50.72s	-09 29' 51.3"	1.5628	2.3119	1.6	32.7	20.3	-45.91	338.18	100.16	112.3 Vir
16 Sep 2025	13h34m20.31s	-09 45' 02.1"	1.5616	2.3150	1.6	32.4	20.2	-46.24	338.60	100.32	112.2 Vir
17 Sep 2025	13h36m50.38s	-10 00' 10.1"	1.5603	2.3181	1.6	32.1	20.0	-46.56	339.02	100.49	112.1 Vir
18 Sep 2025	13h39m20.92s	-10 15' 15.2"	1.5591	2.3212	1.6	31.8	19.8	-46.89	339.44	100.65	112.0 Vir
19 Sep 2025	13h41m51.96s	-10 30' 17.2"	1.5579	2.3242	1.6	31.4	19.7	-47.21	339.86	100.82	111.8 Vir
20 Sep 2025	13h44m23.49s	-10 45' 16.1"	1.5566	2.3271	1.6	31.1	19.5	-47.53	340.28	100.98	111.7 Vir
21 Sep 2025	13h46m55.52s	-11 00' 11.7"	1.5554	2.3300	1.6	30.8	19.3	-47.84	340.70	101.14	111.6 Vir
22 Sep 2025	13h49m28.06s	-11 15' 03.8"	1.5542	2.3329	1.6	30.5	19.2	-48.15	341.13	101.30	111.5 Vir
23 Sep 2025	13h52m01.10s	-11 29' 52.2"	1.5529	2.3357	1.6	30.2	19.0	-48.46	341.56	101.46	111.3 Vir
24 Sep 2025	13h54m34.66s	-11 44' 36.9"	1.5516	2.3384	1.6	29.9	18.8	-48.77	341.98	101.62	111.2 Vir
25 Sep 2025	13h57m08.73s	-11 59' 17.8"	1.5504	2.3411	1.6	29.6	18.6	-49.07	342.41	101.78	111.1 Vir
26 Sep 2025	13h59m43.33s	-12 13' 54.5"	1.5491	2.3438	1.6	29.3	18.5	-49.37	342.84	101.93	110.9 Vir
27 Sep 2025	14h02m18.46s	-12 28' 27.0"	1.5479	2.3464	1.6	29.0	18.3	-49.67	343.28	102.09	110.8 Vir
28 Sep 2025	14h04m54.11s	-12 42' 55.2"	1.5466	2.3490	1.6	28.7	18.1	-49.97	343.71	102.24	110.7 Vir
29 Sep 2025	14h07m30.30s	-12 57' 18.9"	1.5453	2.3515	1.6	28.4	18.0	-50.26	344.14	102.40	110.5 Vir
30 Sep 2025	14h10m07.03s	-13 11' 37.9"	1.5441	2.3539	1.6	28.1	17.8	-50.55	344.58	102.55	110.4 Vir
1 Okt 2025	14h12m44.30s	-13 25' 52.1"	1.5428	2.3564	1.6	27.8	17.6	-50.84	345.02	102.70	110.2 Vir
2 Okt 2025	14h15m22.12s	-13 40' 01.3"	1.5415	2.3587	1.6	27.5	17.4	-51.12	345.46	102.85	110.1 Vir
3 Okt 2025	14h18m00.49s	-13 54' 05.4"	1.5402	2.3610	1.6	27.2	17.3	-51.40	345.89	103.01	109.9 Vir
4 Okt 2025	14h20m39.42s	-14 08' 04.2"	1.5390	2.3633	1.6	26.9	17.1	-51.68	346.34	103.16	109.7 Vir
5 Okt 2025	14h23m18.91s	-14 21' 57.7"	1.5377	2.3655	1.6	26.6	16.9	-51.95	346.78	103.31	109.6 Lib
6 Okt 2025	14h25m58.97s	-14 35' 45.6"	1.5364	2.3677	1.6	26.3	16.7	-52.22	347.22	103.46	109.4 Lib
7 Okt 2025	14h28m39.61s	-14 49' 27.8"	1.5351	2.3699	1.5	26.0	16.6	-52.49	347.66	103.62	109.2 Lib
8 Okt 2025	14h31m20.82s	-15 03' 04.1"	1.5338	2.3720	1.5	25.7	16.4	-52.75	348.11	103.77	109.1 Lib
9 Okt 2025	14h34m02.62s	-15 16' 34.5"	1.5325	2.3740	1.5	25.4	16.2	-53.01	348.55	103.93	108.9 Lib
10 Okt 2025	14h36m45.01s	-15 29' 58.7"	1.5312	2.3760	1.5	25.1	16.1	-53.27	349.00	104.08	108.7 Lib
11 Okt 2025	14h39m28.01s	-15 43' 16.7"	1.5299	2.3780	1.5	24.8	15.9	-53.53	349.44	104.24	108.5 Lib
12 Okt 2025	14h42m11.61s	-15 56' 28.3"	1.5286	2.3799	1.5	24.5	15.7	-53.78	349.89	104.40	108.3 Lib
13 Okt 2025	14h44m55.81s	-16 09' 33.3"	1.5273	2.3818	1.5	24.2	15.5	-54.02	350.33	104.56	108.2 Lib
14 Okt 2025	14h47m40.64s	-16 22' 31.6"	1.5260	2.3836	1.5	23.9	15.4	-54.27	350.78	104.72	108.0 Lib
15 Okt 2025	14h50m26.09s	-16 35' 23.0"	1.5247	2.3854	1.5	23.6	15.2	-54.51	351.23	104.88	107.8 Lib
16 Okt 2025	14h53m12.15s	-16 48' 07.3"	1.5234	2.3871	1.5	23.3	15.0	-54.75	351.67	105.05	107.6 Lib
17 Okt 2025	14h55m58.85s	-17 00' 44.5"	1.5221	2.3888	1.5	23.0	14.8	-54.98	352.12	105.21	107.4 Lib
18 Okt 2025	14h58m46.17s	-17 13' 14.2"	1.5208	2.3905	1.5	22.7	14.7	-55.21	352.57	105.37	107.2 Lib
19 Okt 2025	15h01m34.13s	-17 25' 36.4"	1.5195	2.3921	1.5	22.4	14.5	-55.44	353.02	105.53	107.0 Lib
20 Okt 2025	15h04m22.72s	-17 37' 50.8"	1.5182	2.3937	1.5	22.1	14.3	-55.66	353.46	105.68	106.7 Lib
21 Okt 2025	15h07m11.94s	-17 49' 57.3"	1.5169	2.3952	1.5	21.8	14.1	-55.88	353.91	105.84	106.5 Lib
22 Okt 2025	15h10m01.80s	-18 01' 55.7"	1.5156	2.3967	1.5	21.5	14.0	-56.09	354.36	106.00	106.3 Lib
23 Okt 2025	15h12m52.29s	-18 13' 45.9"	1.5143	2.3981	1.5	21.3	13.8	-56.30	354.80	106.15	106.1 Lib

EPHEMERIDE 2025 – Mars

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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24 Okt 2025	15h15m43.41s	-18 25' 27.7"	1.5130	2.3995	1.5	21.0	13.6	-56.51	355.25	106.31	105.9 Lib
25 Okt 2025	15h18m35.17s	-18 37' 00.8"	1.5117	2.4008	1.5	20.7	13.4	-56.72	355.69	106.46	105.6 Lib
26 Okt 2025	15h21m27.56s	-18 48' 25.1"	1.5104	2.4022	1.5	20.4	13.3	-56.92	356.14	106.61	105.4 Lib
27 Okt 2025	15h24m20.59s	-18 59' 40.5"	1.5091	2.4034	1.5	20.1	13.1	-57.11	356.58	106.76	105.2 Lib
28 Okt 2025	15h27m14.25s	-19 10' 46.7"	1.5077	2.4046	1.5	19.8	12.9	-57.30	357.02	106.91	105.0 Lib
29 Okt 2025	15h30m08.54s	-19 21' 43.7"	1.5064	2.4058	1.5	19.5	12.7	-57.49	357.47	107.06	104.7 Lib
30 Okt 2025	15h33m03.46s	-19 32' 31.1"	1.5051	2.4070	1.5	19.2	12.5	-57.68	357.91	107.20	104.5 Lib
31 Okt 2025	15h35m59.00s	-19 43' 08.9"	1.5038	2.4081	1.5	18.9	12.4	-57.86	358.35	107.35	104.2 Lib
1 Nov 2025	15h38m55.18s	-19 53' 36.9"	1.5025	2.4091	1.5	18.7	12.2	-58.04	358.79	107.50	104.0 Lib
2 Nov 2025	15h41m51.98s	-20 03' 54.9"	1.5012	2.4101	1.5	18.4	12.0	-58.21	359.22	107.64	103.7 Lib
3 Nov 2025	15h44m49.40s	-20 14' 02.7"	1.4999	2.4111	1.5	18.1	11.8	-58.38	359.66	107.79	103.5 Lib
4 Nov 2025	15h47m47.45s	-20 24' 00.3"	1.4986	2.4121	1.5	17.8	11.7	-58.54	0.10	107.93	103.2 Sco
5 Nov 2025	15h50m46.12s	-20 33' 47.4"	1.4973	2.4130	1.5	17.5	11.5	-58.70	0.53	108.08	103.0 Sco
6 Nov 2025	15h53m45.41s	-20 43' 23.8"	1.4960	2.4138	1.4	17.2	11.3	-58.86	0.96	108.23	102.7 Sco
7 Nov 2025	15h56m45.32s	-20 52' 49.5"	1.4947	2.4147	1.4	16.9	11.1	-59.01	1.39	108.38	102.5 Sco
8 Nov 2025	15h59m45.86s	-21 02' 04.2"	1.4934	2.4155	1.4	16.7	11.0	-59.16	1.82	108.53	102.2 Sco
9 Nov 2025	16h02m47.02s	-21 11' 07.8"	1.4921	2.4162	1.4	16.4	10.8	-59.30	2.24	108.68	101.9 Sco
10 Nov 2025	16h05m47.79s	-21 20' 00.1"	1.4908	2.4169	1.4	16.1	10.6	-59.44	2.67	108.83	101.7 Sco
11 Nov 2025	16h08m51.19s	-21 28' 41.0"	1.4895	2.4176	1.4	15.8	10.4	-59.58	3.09	108.98	101.4 Sco
12 Nov 2025	16h11m54.19s	-21 37' 10.3"	1.4882	2.4183	1.4	15.5	10.3	-59.71	3.51	109.13	101.1 Sco
13 Nov 2025	16h14m57.81s	-21 45' 27.9"	1.4869	2.4189	1.4	15.2	10.1	-59.84	3.93	109.29	100.8 Sco
14 Nov 2025	16h18m02.03s	-21 53' 33.5"	1.4856	2.4195	1.4	15.0	9.9	-59.96	4.34	109.44	100.5 Sco
15 Nov 2025	16h21m06.85s	-22 01' 27.1"	1.4843	2.4200	1.4	14.7	9.7	-60.08	4.75	109.59	100.3 Sco
16 Nov 2025	16h24m12.26s	-22 09' 08.4"	1.4831	2.4205	1.4	14.4	9.5	-60.20	5.16	109.74	100.0 Oph
17 Nov 2025	16h27m18.26s	-22 16' 37.3"	1.4818	2.4210	1.4	14.1	9.4	-60.31	5.57	109.88	99.7 Oph
18 Nov 2025	16h30m24.83s	-22 23' 53.6"	1.4805	2.4214	1.4	13.8	9.2	-60.41	5.97	110.03	99.4 Oph
19 Nov 2025	16h33m31.97s	-22 30' 57.1"	1.4792	2.4218	1.4	13.6	9.0	-60.52	6.37	110.18	99.1 Oph
20 Nov 2025	16h36m39.68s	-22 37' 47.8"	1.4779	2.4222	1.4	13.3	8.8	-60.61	6.77	110.32	98.8 Oph
21 Nov 2025	16h39m47.93s	-22 44' 25.4"	1.4767	2.4225	1.4	13.0	8.7	-60.71	7.16	110.46	98.5 Oph
22 Nov 2025	16h42m56.73s	-22 50' 49.8"	1.4754	2.4228	1.4	12.7	8.5	-60.80	7.55	110.60	98.2 Oph
23 Nov 2025	16h46m06.06s	-22 57' 00.9"	1.4741	2.4230	1.4	12.5	8.3	-60.88	7.94	110.74	97.9 Oph
24 Nov 2025	16h49m15.91s	-23 02' 58.5"	1.4729	2.4233	1.4	12.2	8.1	-60.96	8.33	110.88	97.6 Oph
25 Nov 2025	16h52m26.27s	-23 08' 42.4"	1.4716	2.4235	1.4	11.9	8.0	-61.04	8.71	111.02	97.3 Oph
26 Nov 2025	16h55m37.13s	-23 14' 12.6"	1.4704	2.4236	1.4	11.6	7.8	-61.11	9.09	111.15	97.0 Oph
27 Nov 2025	16h58m48.48s	-23 19' 28.9"	1.4691	2.4237	1.4	11.4	7.6	-61.17	9.46	111.29	96.7 Oph
28 Nov 2025	17h02m00.31s	-23 24' 31.1"	1.4679	2.4238	1.4	11.1	7.4	-61.24	9.83	111.42	96.4 Oph
29 Nov 2025	17h05m12.60s	-23 29' 19.2"	1.4666	2.4239	1.4	10.8	7.3	-61.29	10.20	111.55	96.1 Oph
30 Nov 2025	17h08m25.34s	-23 33' 53.0"	1.4654	2.4239	1.3	10.5	7.1	-61.35	10.56	111.68	95.7 Oph
1 Dez 2025	17h11m38.52s	-23 38' 12.4"	1.4642	2.4239	1.3	10.3	6.9	-61.40	10.92	111.81	95.4 Oph
2 Dez 2025	17h14m52.14s	-23 42' 17.2"	1.4629	2.4239	1.3	10.0	6.7	-61.44	11.28	111.94	95.1 Oph
3 Dez 2025	17h18m06.17s	-23 46' 07.5"	1.4617	2.4238	1.3	9.7	6.5	-61.48	11.63	112.07	94.8 Oph
4 Dez 2025	17h21m20.62s	-23 49' 43.0"	1.4605	2.4237	1.3	9.5	6.4	-61.52	11.98	112.19	94.5 Oph
5 Dez 2025	17h24m35.46s	-23 53' 03.6"	1.4593	2.4236	1.3	9.2	6.2	-61.55	12.33	112.32	94.1 Oph
6 Dez 2025	17h27m50.69s	-23 56' 09.4"	1.4581	2.4235	1.3	8.9	6.0	-61.57	12.67	112.45	93.8 Oph
7 Dez 2025	17h31m06.30s	-23 59' 00.1"	1.4569	2.4233	1.3	8.7	5.8	-61.59	13.01	112.58	93.5 Oph
8 Dez 2025	17h34m22.27s	-24 01' 35.6"	1.4557	2.4231	1.3	8.4	5.7	-61.61	13.34	112.72	93.2 Oph
9 Dez 2025	17h37m38.60s	-24 03' 55.9"	1.4545	2.4229	1.3	8.1	5.5	-61.62	13.67	112.85	92.8 Oph
10 Dez 2025	17h40m55.28s	-24 06' 00.9"	1.4533	2.4226	1.3	7.9	5.3	-61.63	14.00	112.98	92.5 Oph
11 Dez 2025	17h44m12.28s	-24 07' 50.5"	1.4521	2.4223	1.3	7.6	5.1	-61.63	14.32	113.11	92.2 Sgr
12 Dez 2025	17h47m29.60s	-24 09' 24.6"	1.4509	2.4220	1.3	7.3	5.0	-61.63	14.64	113.24	91.9 Sgr
13 Dez 2025	17h50m47.22s	-24 10' 43.1"	1.4497	2.4217	1.3	7.1	4.8	-61.63	14.95	113.37	91.5 Sgr
14 Dez 2025	17h54m05.12s	-24 11' 46.0"	1.4486	2.4214	1.3	6.8	4.6	-61.62	15.26	113.49	91.2 Sgr
15 Dez 2025	17h57m23.30s	-24 12' 33.1"	1.4474	2.4210	1.3	6.6	4.5	-61.60	15.56	113.62	90.9 Sgr
16 Dez 2025	18h00m41.73s	-24 13' 04.4"	1.4463	2.4206	1.3	6.3	4.3	-61.58	15.87	113.75	90.5 Sgr
17 Dez 2025	18h04m00.40s	-24 13' 19.9"	1.4451	2.4201	1.3	6.0	4.1	-61.56	16.16	113.87	90.2 Sgr
18 Dez 2025	18h07m19.29s	-24 13' 19.5"	1.4440	2.4197	1.3	5.8	3.9	-61.53	16.46	113.99	89.9 Sgr
19 Dez 2025	18h10m38.39s	-24 13' 03.2"	1.4428	2.4192	1.3	5.5	3.8	-61.49	16.75	114.11	89.5 Sgr
20 Dez 2025	18h13m57.67s	-24 12' 30.8"	1.4417	2.4187	1.2	5.3	3.6	-61.45	17.03	114.23	89.2 Sgr
21 Dez 2025	18h17m17.12s	-24 11' 42.4"	1.4406	2.4181	1.2	5.0	3.4	-61.41	17.32	114.34	88.9 Sgr
22 Dez 2025	18h20m36.73s	-24 10' 38.0"	1.4395	2.4176	1.2	4.8	3.2	-61.36	17.60	114.45	88.5 Sgr
23 Dez 2025	18h23m56.47s	-24 09' 17.5"	1.4383	2.4170	1.2	4.5	3.1	-61.31	17.87	114.56	88.2 Sgr
24 Dez 2025	18h27m16.33s	-24 07' 40.9"	1.4372	2.4164	1.2	4.2	2.9	-61.25	18.14	114.67	87.9 Sgr
25 Dez 2025	18h30m36.29s	-24 05' 48.1"	1.4362	2.4158	1.2	4.0	2.7	-61.19	18.41	114.78	87.5 Sgr
26 Dez 2025	18h33m56.33s	-24 03' 39.2"	1.4351	2.4151	1.2	3.7	2.6	-61.12	18.68	114.88	87.2 Sgr
27 Dez 2025	18h37m16.44s	-24 01' 14.2"	1.4340	2.4144	1.2	3.5	2.4	-61.05	18.94	114.99	86.9 Sgr
28 Dez 2025	18h40m36.60s	-23 58' 33.1"	1.4329	2.4137	1.2	3.3	2.2	-60.98	19.20	115.09	86.5 Sgr
29 Dez 2025	18h43m56.79s	-23 55' 35.9"	1.4319	2.4130	1.2	3.0	2.1	-60.89	19.45	115.19	86.2 Sgr
30 Dez 2025	18h47m17.00s	-23 52' 22.5"	1.4308	2.4123	1.2	2.8	1.9	-60.81	19.70	115.29	85.9 Sgr
31 Dez 2025	18h50m37.20s	-23 48' 53.1"	1.4297	2.4115	1.2	2.5	1.7	-60.72	19.95	115.39	85.5 Sgr
1 Jan 2026	18h53m57.40s	-23 45' 07.6"	1.4287	2.4107	1.2	2.3	1.6	-60.62	20.20	115.48	85.2 Sgr