

NGC 1185

NGC 1129

32

NGC 1275

β

v

31

π

α

20

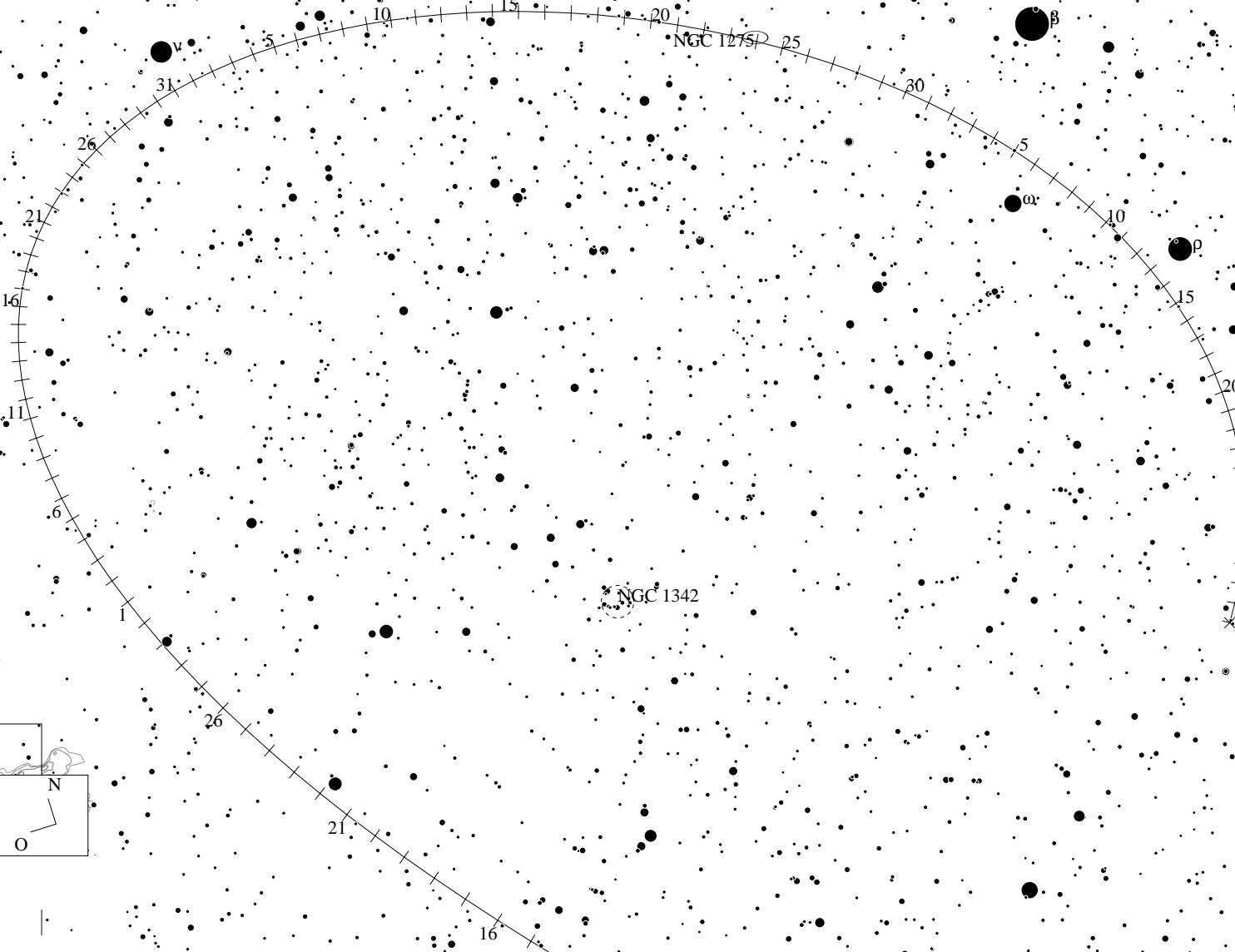
ρ

σ

NGC 1342

Bamberga

24



Ephemeride des Kleinplaneten (324) Bamberga

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
-----	---	-----	-	-----	---	-----	-----	-----	-----	-----	-----	-----
1 Sep 2022	03h19m59.73s	+31 30' 25.9"	1.7722	1.2600	10.2	102.1	33.8	44.72	93.95	60.07	50.9	Per
2 Sep 2022	03h21m27.94s	+31 45' 22.7"	1.7729	1.2527	10.2	102.7	33.7	45.27	94.21	59.28	50.5	Per
3 Sep 2022	03h22m54.80s	+32 00' 14.2"	1.7736	1.2454	10.2	103.3	33.6	45.82	94.47	58.47	50.1	Per
4 Sep 2022	03h24m20.27s	+32 15' 00.5"	1.7743	1.2382	10.2	103.8	33.5	46.38	94.74	57.66	49.7	Per
5 Sep 2022	03h25m44.32s	+32 29' 41.6"	1.7751	1.2311	10.1	104.4	33.4	46.94	95.02	56.83	49.3	Per
6 Sep 2022	03h27m06.89s	+32 44' 17.3"	1.7759	1.2239	10.1	105.0	33.3	47.50	95.30	56.00	48.9	Per
7 Sep 2022	03h28m27.97s	+32 58' 47.6"	1.7767	1.2169	10.1	105.6	33.1	48.06	95.59	55.15	48.4	Per
8 Sep 2022	03h29m47.50s	+33 13' 12.5"	1.7776	1.2099	10.1	106.2	33.0	48.62	95.89	54.29	47.9	Per
9 Sep 2022	03h31m05.45s	+33 27' 31.9"	1.7785	1.2029	10.1	106.8	32.8	49.19	96.19	53.42	47.4	Per
10 Sep 2022	03h32m21.77s	+33 41' 45.7"	1.7794	1.1960	10.1	107.4	32.7	49.76	96.50	52.54	46.9	Per
11 Sep 2022	03h33m36.41s	+33 55' 53.9"	1.7804	1.1892	10.1	108.0	32.5	50.33	96.82	51.65	46.3	Per
12 Sep 2022	03h34m49.33s	+34 09' 56.4"	1.7814	1.1824	10.0	108.7	32.4	50.90	97.14	50.75	45.7	Per
13 Sep 2022	03h36m00.47s	+34 23' 53.0"	1.7824	1.1756	10.0	109.3	32.2	51.48	97.48	49.83	45.1	Per
14 Sep 2022	03h37m09.79s	+34 37' 43.7"	1.7835	1.1690	10.0	109.9	32.0	52.06	97.82	48.90	44.4	Per
15 Sep 2022	03h38m17.24s	+34 51' 28.3"	1.7845	1.1623	10.0	110.6	31.8	52.64	98.18	47.96	43.7	Per
16 Sep 2022	03h39m22.76s	+35 05' 06.7"	1.7856	1.1558	10.0	111.2	31.7	53.23	98.54	47.00	42.9	Per
17 Sep 2022	03h40m26.30s	+35 18' 38.7"	1.7868	1.1493	10.0	111.9	31.5	53.81	98.91	46.04	42.1	Per
18 Sep 2022	03h41m27.81s	+35 32' 04.2"	1.7880	1.1428	9.9	112.5	31.3	54.41	99.30	45.07	41.3	Per
19 Sep 2022	03h42m27.23s	+35 45' 23.0"	1.7892	1.1364	9.9	113.2	31.1	55.00	99.70	44.08	40.4	Per
20 Sep 2022	03h43m24.52s	+35 58' 34.8"	1.7904	1.1301	9.9	113.9	30.9	55.60	100.11	43.09	39.5	Per
21 Sep 2022	03h44m19.62s	+36 11' 39.6"	1.7917	1.1239	9.9	114.6	30.6	56.20	100.54	42.10	38.4	Per
22 Sep 2022	03h45m12.48s	+36 24' 37.0"	1.7930	1.1177	9.9	115.3	30.4	56.81	100.98	41.09	37.4	Per
23 Sep 2022	03h46m03.06s	+36 37' 27.0"	1.7943	1.1116	9.9	116.0	30.2	57.41	101.44	40.09	36.2	Per
24 Sep 2022	03h46m51.30s	+36 50' 09.2"	1.7956	1.1056	9.8	116.7	30.0	58.03	101.91	39.08	35.0	Per
25 Sep 2022	03h47m37.15s	+37 02' 43.4"	1.7970	1.0996	9.8	117.4	29.7	58.64	102.40	38.07	33.7	Per
26 Sep 2022	03h48m20.57s	+37 15' 09.3"	1.7984	1.0937	9.8	118.1	29.5	59.26	102.91	37.07	32.4	Per
27 Sep 2022	03h49m01.52s	+37 27' 26.7"	1.7999	1.0879	9.8	118.8	29.2	59.88	103.44	36.07	30.9	Per
28 Sep 2022	03h49m39.95s	+37 39' 35.4"	1.8013	1.0822	9.8	119.5	29.0	60.51	104.00	35.07	29.4	Per
29 Sep 2022	03h50m15.82s	+37 51' 34.9"	1.8028	1.0766	9.8	120.3	28.7	61.14	104.57	34.09	27.8	Per
30 Sep 2022	03h50m49.11s	+38 03' 25.1"	1.8044	1.0710	9.7	121.0	28.4	61.77	105.17	33.12	26.0	Per
1 Okt 2022	03h51m19.76s	+38 15' 05.5"	1.8059	1.0656	9.7	121.8	28.1	62.41	105.80	32.17	24.2	Per
2 Okt 2022	03h51m47.75s	+38 26' 36.0"	1.8075	1.0602	9.7	122.5	27.8	63.05	106.46	31.23	22.2	Per
3 Okt 2022	03h52m13.06s	+38 37' 56.1"	1.8091	1.0550	9.7	123.3	27.6	63.69	107.14	30.32	20.2	Per
4 Okt 2022	03h52m35.64s	+38 49' 05.6"	1.8107	1.0498	9.7	124.0	27.3	64.34	107.86	29.44	17.9	Per
5 Okt 2022	03h52m55.47s	+39 00' 04.1"	1.8124	1.0447	9.6	124.8	26.9	64.99	108.62	28.58	15.6	Per
6 Okt 2022	03h53m12.53s	+39 10' 51.2"	1.8141	1.0397	9.6	125.6	26.6	65.64	109.42	27.76	13.1	Per
7 Okt 2022	03h53m26.78s	+39 21' 26.5"	1.8158	1.0349	9.6	126.4	26.3	66.29	110.25	26.98	10.5	Per
8 Okt 2022	03h53m38.21s	+39 31' 49.6"	1.8176	1.0301	9.6	127.2	26.0	66.95	111.14	26.24	7.7	Per
9 Okt 2022	03h53m46.80s	+39 42' 00.1"	1.8193	1.0254	9.6	128.0	25.7	67.60	112.07	25.54	4.7	Per
10 Okt 2022	03h53m52.51s	+39 51' 57.5"	1.8211	1.0209	9.6	128.8	25.3	68.26	113.06	24.90	1.6	Per
11 Okt 2022	03h53m55.33s	+40 01' 41.4"	1.8230	1.0165	9.5	129.6	25.0	68.92	114.11	24.31	358.3	Per
12 Okt 2022	03h53m55.24s	+40 11' 11.3"	1.8248	1.0122	9.5	130.4	24.6	69.58	115.23	23.79	354.9	Per
13 Okt 2022	03h53m52.23s	+40 20' 26.7"	1.8267	1.0080	9.5	131.2	24.3	70.24	116.42	23.33	351.3	Per
14 Okt 2022	03h53m46.30s	+40 29' 26.9"	1.8286	1.0039	9.5	132.0	23.9	70.90	117.70	22.94	347.6	Per
15 Okt 2022	03h53m37.43s	+40 38' 11.5"	1.8306	0.9999	9.5	132.8	23.5	71.56	119.06	22.63	343.8	Per
16 Okt 2022	03h53m25.64s	+40 46' 39.9"	1.8325	0.9961	9.5	133.7	23.2	72.21	120.52	22.39	339.9	Per
17 Okt 2022	03h53m10.92s	+40 54' 51.6"	1.8345	0.9924	9.4	134.5	22.8	72.86	122.09	22.23	335.9	Per
18 Okt 2022	03h52m53.29s	+41 02' 45.9"	1.8365	0.9888	9.4	135.3	22.4	73.50	123.79	22.16	331.9	Per
19 Okt 2022	03h52m32.76s	+41 10' 22.2"	1.8385	0.9854	9.4	136.2	22.0	74.14	125.62	22.16	327.9	Per
20 Okt 2022	03h52m09.37s	+41 17' 40.0"	1.8406	0.9821	9.4	137.0	21.6	74.77	127.60	22.24	323.9	Per
21 Okt 2022	03h51m43.15s	+41 24' 38.7"	1.8427	0.9790	9.4	137.9	21.3	75.38	129.76	22.40	319.9	Per
22 Okt 2022	03h51m14.13s	+41 31' 17.7"	1.8448	0.9759	9.4	138.7	20.9	75.99	132.10	22.62	316.1	Per
23 Okt 2022	03h50m42.37s	+41 37' 36.4"	1.8469	0.9731	9.3	139.6	20.5	76.57	134.65	22.91	312.3	Per
24 Okt 2022	03h50m07.92s	+41 43' 34.1"	1.8491	0.9704	9.3	140.4	20.1	77.14	137.43	23.26	308.6	Per
25 Okt 2022	03h49m30.84s	+41 49' 10.5"	1.8513	0.9679	9.3	141.2	19.7	77.68	140.47	23.65	305.1	Per
26 Okt 2022	03h48m51.20s	+41 54' 24.9"	1.8535	0.9655	9.3	142.1	19.3	78.19	143.78	24.09	301.7	Per
27 Okt 2022	03h48m09.09s	+41 59' 16.8"	1.8557	0.9632	9.3	142.9	18.8	78.66	147.39	24.57	298.4	Per
28 Okt 2022	03h47m24.60s	+42 03' 45.8"	1.8580	0.9612	9.3	143.7	18.4	79.10	151.31	25.07	295.2	Per
29 Okt 2022	03h46m37.81s	+42 07' 51.3"	1.8603	0.9593	9.2	144.6	18.0	79.49	155.54	25.60	292.2	Per
30 Okt 2022	03h45m48.84s	+42 11' 33.0"	1.8626	0.9576	9.2	145.4	17.6	79.83	160.09	26.14	289.4	Per
31 Okt 2022	03h44m57.79s	+42 14' 50.5"	1.8649	0.9561	9.2	146.2	17.2	80.10	164.94	26.69	286.6	Per
1 Nov 2022	03h44m04.77s	+42 17' 43.6"	1.8673	0.9547	9.2	147.0	16.8	80.31	170.05	27.25	284.0	Per
2 Nov 2022	03h43m09.91s	+42 20' 11.7"	1.8696	0.9535	9.2	147.8	16.4	80.45	175.36	27.80	281.4	Per
3 Nov 2022	03h42m13.31s	+42 22' 14.8"	1.8720	0.9525	9.2	148.6	16.0	80.51	180.80	28.35	279.0	Per
4 Nov 2022	03h41m15.11s	+42 23' 52.6"	1.8744	0.9517	9.2	149.3	15.7	80.49	186.29	28.90	276.7	Per
5 Nov 2022	03h40m15.43s	+42 25' 04.9"	1.8769	0.9511	9.2	150.1	15.3	80.39	191.74	29.42	274.4	Per
6 Nov 2022	03h39m14.41s	+42 25' 51.5"	1.8793	0.9506	9.1	150.8	14.9	80.21	197.07	29.94	272.3	Per
7 Nov 2022	03h38m12.17s	+42 26' 12.4"	1.8818	0.9504	9.1	151.5	14.6	79.96	202.20	30.43	270.2	Per
8 Nov 2022	03h37m08.85s	+42 26' 07.4"	1.8843	0.9503	9.1	152.2	14.2	79.64	207.07	30.91	268.1	Per
9 Nov 2022	03h36m04.59s	+42 25' 36.6"	1.8869	0.9505	9.1	152.8	13.9	79.25	211.66	31.36	266.1	Per
10 Nov 2022	03h34m59.53s	+42 24' 39.9"	1.8894	0.9508	9.1	153.4	13.6	78.80	215.93	31.78	264.2	Per
11 Nov 2022	03h33m53.81s	+42 23' 17.5"	1.8920	0.9514	9.1	154.0	13.2	78.31	219.89	32.18	262.3	Per
12 Nov 2022	03h32m47.58s	+42 21' 29.5"	1.8946	0.9521	9.1	154.6	13.0	77.77	223.55	32.54	260.5	Per
13 Nov 2022	03h31m40.98s	+42 19' 16.0"	1.8972	0.9530	9.1	155.1	12.7	77.18	226.91	32.87	258.7	Per

Ephemeride des Kleinplaneten (324) Bamberga

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
-----	--	-----	-	-----	---	-----	-----	-----	-----	-----	-----	-----
14 Nov 2022	03h30m34.17s	+42 16' 37.3"	1.8998	0.9542	9.1	155.6	12.4	76.57	230.01	33.17	256.9	Per
15 Nov 2022	03h29m27.30s	+42 13' 33.6"	1.9025	0.9556	9.1	156.0	12.2	75.92	232.85	33.43	255.1	Per
16 Nov 2022	03h28m20.51s	+42 10' 05.5"	1.9051	0.9571	9.1	156.4	12.0	75.24	235.46	33.65	253.4	Per
17 Nov 2022	03h27m13.96s	+42 06' 13.2"	1.9078	0.9589	9.1	156.7	11.8	74.55	237.87	33.83	251.7	Per
18 Nov 2022	03h26m07.79s	+42 01' 57.2"	1.9105	0.9609	9.1	157.0	11.7	73.83	240.10	33.97	250.0	Per
19 Nov 2022	03h25m02.15s	+41 57' 18.1"	1.9133	0.9631	9.1	157.3	11.5	73.10	242.16	34.07	248.3	Per
20 Nov 2022	03h23m57.20s	+41 52' 16.4"	1.9160	0.9655	9.1	157.4	11.4	72.35	244.07	34.12	246.6	Per
21 Nov 2022	03h22m53.06s	+41 46' 52.8"	1.9188	0.9681	9.1	157.5	11.3	71.59	245.84	34.14	245.0	Per
22 Nov 2022	03h21m49.90s	+41 41' 08.0"	1.9216	0.9710	9.1	157.6	11.3	70.82	247.50	34.11	243.3	Per
23 Nov 2022	03h20m47.83s	+41 35' 02.8"	1.9244	0.9741	9.1	157.6	11.3	70.04	249.04	34.04	241.6	Per
24 Nov 2022	03h19m47.01s	+41 28' 37.9"	1.9272	0.9773	9.1	157.5	11.3	69.26	250.50	33.92	239.9	Per
25 Nov 2022	03h18m47.56s	+41 21' 54.2"	1.9300	0.9808	9.1	157.4	11.3	68.47	251.86	33.76	238.2	Per
26 Nov 2022	03h17m49.61s	+41 14' 52.6"	1.9329	0.9846	9.1	157.2	11.4	67.67	253.15	33.57	236.5	Per
27 Nov 2022	03h16m53.28s	+41 07' 34.0"	1.9358	0.9885	9.2	157.0	11.5	66.88	254.36	33.33	234.8	Per
28 Nov 2022	03h15m58.67s	+40 59' 59.5"	1.9387	0.9927	9.2	156.7	11.6	66.08	255.52	33.06	233.1	Per
29 Nov 2022	03h15m05.89s	+40 52' 09.9"	1.9416	0.9970	9.2	156.4	11.8	65.28	256.61	32.76	231.3	Per
30 Nov 2022	03h14m15.03s	+40 44' 06.2"	1.9445	1.0016	9.2	156.0	11.9	64.47	257.66	32.42	229.5	Per
1 Dez 2022	03h13m26.19s	+40 35' 49.6"	1.9475	1.0064	9.2	155.5	12.1	63.67	258.65	32.06	227.7	Per
2 Dez 2022	03h12m39.42s	+40 27' 20.8"	1.9504	1.0114	9.3	155.1	12.3	62.87	259.60	31.68	225.8	Per
3 Dez 2022	03h11m54.82s	+40 18' 41.0"	1.9534	1.0167	9.3	154.6	12.5	62.07	260.52	31.28	223.9	Per
4 Dez 2022	03h11m12.43s	+40 09' 51.0"	1.9564	1.0221	9.3	154.0	12.8	61.28	261.39	30.86	222.0	Per
5 Dez 2022	03h10m32.31s	+40 00' 51.9"	1.9594	1.0278	9.3	153.4	13.0	60.48	262.24	30.43	220.0	Per
6 Dez 2022	03h09m54.51s	+39 51' 44.5"	1.9625	1.0336	9.4	152.8	13.3	59.69	263.05	29.98	218.0	Per
7 Dez 2022	03h09m19.08s	+39 42' 29.8"	1.9655	1.0397	9.4	152.1	13.5	58.91	263.84	29.54	215.9	Per
8 Dez 2022	03h08m46.05s	+39 33' 08.8"	1.9686	1.0459	9.4	151.5	13.8	58.12	264.60	29.08	213.8	Per
9 Dez 2022	03h08m15.45s	+39 23' 42.2"	1.9716	1.0524	9.4	150.8	14.1	57.34	265.34	28.63	211.6	Per
10 Dez 2022	03h07m47.32s	+39 14' 11.0"	1.9747	1.0591	9.5	150.1	14.4	56.57	266.05	28.18	209.3	Per
11 Dez 2022	03h07m21.66s	+39 04' 36.0"	1.9778	1.0660	9.5	149.3	14.7	55.80	266.75	27.74	207.0	Per
12 Dez 2022	03h06m58.51s	+38 54' 58.0"	1.9810	1.0730	9.5	148.6	15.0	55.04	267.43	27.30	204.6	Per
13 Dez 2022	03h06m37.88s	+38 45' 17.8"	1.9841	1.0803	9.6	147.8	15.3	54.28	268.09	26.88	202.2	Per
14 Dez 2022	03h06m19.78s	+38 35' 36.3"	1.9872	1.0878	9.6	147.0	15.6	53.52	268.73	26.48	199.7	Per
15 Dez 2022	03h06m04.21s	+38 25' 54.2"	1.9904	1.0954	9.6	146.2	16.0	52.78	269.36	26.09	197.1	Per
16 Dez 2022	03h05m51.18s	+38 16' 12.2"	1.9936	1.1033	9.6	145.4	16.3	52.04	269.98	25.73	194.4	Per
17 Dez 2022	03h05m40.69s	+38 06' 31.0"	1.9968	1.1113	9.7	144.6	16.6	51.30	270.58	25.40	191.7	Per
18 Dez 2022	03h05m32.74s	+37 56' 51.3"	2.0000	1.1195	9.7	143.8	16.9	50.57	271.17	25.10	188.9	Per
19 Dez 2022	03h05m27.32s	+37 47' 13.8"	2.0032	1.1279	9.7	143.0	17.2	49.85	271.75	24.83	186.0	Per
20 Dez 2022	03h05m24.43s	+37 37' 39.1"	2.0064	1.1365	9.8	142.1	17.5	49.14	272.32	24.60	183.1	Per
21 Dez 2022	03h05m24.06s	+37 28' 07.8"	2.0097	1.1453	9.8	141.3	17.8	48.43	272.88	24.40	180.2	Per
22 Dez 2022	03h05m26.19s	+37 18' 40.5"	2.0130	1.1543	9.8	140.5	18.1	47.73	273.43	24.25	177.2	Per
23 Dez 2022	03h05m30.81s	+37 09' 17.8"	2.0162	1.1634	9.9	139.6	18.4	47.03	273.97	24.14	174.2	Per
24 Dez 2022	03h05m37.91s	+37 00' 00.1"	2.0195	1.1727	9.9	138.8	18.7	46.35	274.50	24.08	171.1	Per
25 Dez 2022	03h05m47.47s	+36 50' 48.0"	2.0228	1.1822	9.9	137.9	19.0	45.67	275.02	24.06	168.1	Per
26 Dez 2022	03h05m59.45s	+36 41' 42.0"	2.0261	1.1919	9.9	137.1	19.3	45.00	275.54	24.09	165.1	Per
27 Dez 2022	03h06m13.84s	+36 32' 42.4"	2.0295	1.2017	10.0	136.2	19.6	44.33	276.05	24.17	162.1	Per
28 Dez 2022	03h06m30.61s	+36 23' 49.7"	2.0328	1.2116	10.0	135.4	19.9	43.67	276.56	24.30	159.1	Per
29 Dez 2022	03h06m49.71s	+36 15' 04.2"	2.0361	1.2218	10.0	134.6	20.1	43.02	277.06	24.47	156.2	Per
30 Dez 2022	03h07m11.11s	+36 06' 26.3"	2.0395	1.2321	10.1	133.7	20.4	42.38	277.55	24.69	153.4	Per
31 Dez 2022	03h07m34.79s	+35 57' 56.0"	2.0429	1.2425	10.1	132.9	20.7	41.75	278.03	24.94	150.6	Per
1 Jan 2023	03h08m00.68s	+35 49' 33.8"	2.0462	1.2531	10.1	132.0	20.9	41.12	278.52	25.24	147.9	Per