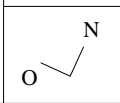
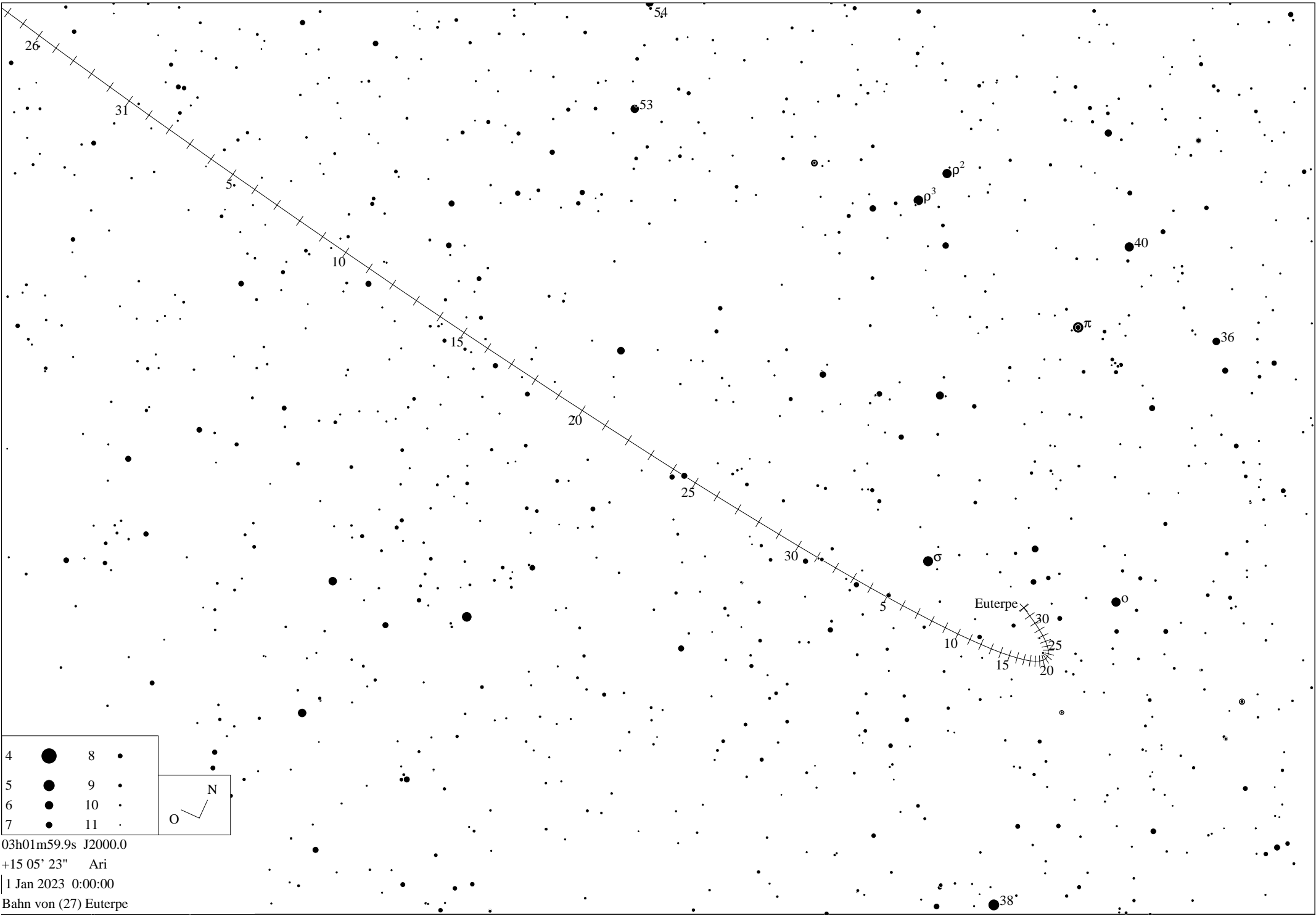
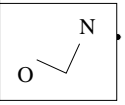


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03h01m59.9s J2000.0
 +15 05' 23" Ari
 | 1 Jan 2023 0:00:00
 Bahn von (27) Euterpe

Ephemeride des Kleinplaneten (27) Euterpe

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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1 Okt 2022	03h36m38.65s	+17 03' 57.8"	2.0797	1.2760	10.2	131.5	21.1	47.53	133.40	3.25	89.9	Tau
2 Okt 2022	03h36m44.81s	+17 03' 51.8"	2.0781	1.2664	10.2	132.5	20.8	47.95	134.61	2.02	97.5	Tau
3 Okt 2022	03h36m48.90s	+17 03' 39.5"	2.0764	1.2569	10.2	133.4	20.5	48.37	135.85	0.92	125.4	Tau
4 Okt 2022	03h36m50.92s	+17 03' 20.9"	2.0748	1.2476	10.1	134.4	20.1	48.78	137.12	0.95	212.7	Tau
5 Okt 2022	03h36m50.84s	+17 02' 56.0"	2.0732	1.2384	10.1	135.4	19.8	49.18	138.42	2.07	239.1	Tau
6 Okt 2022	03h36m48.67s	+17 02' 24.8"	2.0716	1.2293	10.1	136.4	19.4	49.58	139.75	3.33	246.5	Tau
7 Okt 2022	03h36m44.38s	+17 01' 47.4"	2.0700	1.2204	10.1	137.4	19.1	49.96	141.11	4.61	249.8	Tau
8 Okt 2022	03h36m37.99s	+17 01' 03.7"	2.0684	1.2117	10.0	138.4	18.7	50.34	142.50	5.91	251.7	Tau
9 Okt 2022	03h36m29.47s	+17 00' 13.8"	2.0669	1.2031	10.0	139.4	18.3	50.70	143.92	7.21	252.9	Tau
10 Okt 2022	03h36m18.83s	+16 59' 17.7"	2.0653	1.1947	10.0	140.5	17.9	51.06	145.38	8.52	253.7	Tau
11 Okt 2022	03h36m06.06s	+16 58' 15.4"	2.0637	1.1864	9.9	141.5	17.5	51.40	146.87	9.83	254.3	Tau
12 Okt 2022	03h35m51.16s	+16 57' 06.9"	2.0622	1.1783	9.9	142.6	17.1	51.72	148.39	11.14	254.8	Tau
13 Okt 2022	03h35m34.12s	+16 55' 52.3"	2.0606	1.1704	9.9	143.6	16.7	52.04	149.95	12.45	255.2	Tau
14 Okt 2022	03h35m14.96s	+16 54' 31.4"	2.0591	1.1626	9.8	144.7	16.3	52.34	151.54	13.76	255.5	Tau
15 Okt 2022	03h34m53.69s	+16 53' 04.5"	2.0575	1.1550	9.8	145.8	15.8	52.62	153.16	15.06	255.8	Tau
16 Okt 2022	03h34m30.30s	+16 51' 31.5"	2.0560	1.1476	9.8	146.8	15.4	52.89	154.81	16.35	256.0	Tau
17 Okt 2022	03h34m04.82s	+16 49' 52.4"	2.0545	1.1404	9.7	147.9	14.9	53.14	156.50	17.64	256.2	Tau
18 Okt 2022	03h33m18.27s	+16 48' 07.5"	2.0530	1.1334	9.7	149.0	14.5	53.38	158.22	18.91	256.3	Tau
19 Okt 2022	03h33m07.67s	+16 46' 16.6"	2.0515	1.1266	9.7	150.1	14.0	53.59	159.96	20.16	256.5	Tau
20 Okt 2022	03h32m36.04s	+16 44' 19.9"	2.0500	1.1199	9.7	151.3	13.5	53.78	161.74	21.40	256.6	Tau
21 Okt 2022	03h32m02.42s	+16 42' 17.5"	2.0485	1.1135	9.6	152.4	13.0	53.96	163.55	22.62	256.7	Tau
22 Okt 2022	03h31m26.84s	+16 40' 09.6"	2.0470	1.1072	9.6	153.5	12.5	54.11	165.38	23.82	256.8	Tau
23 Okt 2022	03h30m49.34s	+16 37' 56.2"	2.0455	1.1012	9.6	154.7	12.0	54.24	167.23	24.98	256.9	Tau
24 Okt 2022	03h30m09.97s	+16 35' 37.5"	2.0441	1.0954	9.5	155.8	11.5	54.35	169.11	26.12	256.9	Tau
25 Okt 2022	03h29m28.79s	+16 33' 13.6"	2.0426	1.0898	9.5	157.0	11.0	54.43	171.01	27.23	257.0	Tau
26 Okt 2022	03h28m45.84s	+16 30' 44.8"	2.0411	1.0844	9.5	158.2	10.4	54.49	172.93	28.30	257.1	Tau
27 Okt 2022	03h28m01.18s	+16 28' 11.2"	2.0397	1.0792	9.4	159.3	9.9	54.53	174.87	29.33	257.1	Tau
28 Okt 2022	03h27m14.90s	+16 25' 33.1"	2.0383	1.0743	9.4	160.5	9.4	54.54	176.82	30.32	257.2	Tau
29 Okt 2022	03h26m27.04s	+16 22' 50.6"	2.0369	1.0695	9.4	161.7	8.8	54.52	178.78	31.26	257.2	Tau
30 Okt 2022	03h25m37.69s	+16 20' 04.1"	2.0354	1.0650	9.3	162.9	8.3	54.48	180.74	32.15	257.3	Tau
31 Okt 2022	03h24m46.93s	+16 17' 13.7"	2.0340	1.0608	9.3	164.1	7.7	54.41	182.72	33.00	257.3	Tau
1 Nov 2022	03h23m54.84s	+16 14' 19.8"	2.0326	1.0568	9.3	165.3	7.1	54.31	184.69	33.80	257.4	Ari
2 Nov 2022	03h23m01.49s	+16 11' 22.5"	2.0312	1.0530	9.2	166.5	6.6	54.19	186.67	34.54	257.4	Ari
3 Nov 2022	03h22m06.98s	+16 08' 22.2"	2.0299	1.0494	9.2	167.7	6.0	54.04	188.64	35.24	257.4	Ari
4 Nov 2022	03h21m11.38s	+16 05' 19.2"	2.0285	1.0461	9.1	168.9	5.4	53.86	190.61	35.87	257.5	Ari
5 Nov 2022	03h20m14.79s	+16 02' 13.6"	2.0271	1.0430	9.1	170.1	4.8	53.66	192.56	36.46	257.5	Ari
6 Nov 2022	03h19m17.30s	+15 59' 05.9"	2.0258	1.0402	9.1	171.3	4.2	53.43	194.51	36.98	257.5	Ari
7 Nov 2022	03h18m19.00s	+15 55' 56.3"	2.0244	1.0376	9.0	172.5	3.7	53.18	196.44	37.45	257.6	Ari
8 Nov 2022	03h17m19.99s	+15 52' 45.1"	2.0231	1.0352	9.0	173.7	3.1	52.90	198.36	37.86	257.6	Ari
9 Nov 2022	03h16m20.35s	+15 49' 32.7"	2.0218	1.0331	8.9	174.8	2.5	52.60	200.26	38.21	257.7	Ari
10 Nov 2022	03h15m20.18s	+15 46' 19.3"	2.0204	1.0313	8.9	175.9	2.0	52.27	202.13	38.50	257.7	Ari
11 Nov 2022	03h14m19.59s	+15 43' 05.4"	2.0191	1.0296	8.9	176.9	1.5	51.92	203.99	38.72	257.7	Ari
12 Nov 2022	03h13m18.68s	+15 39' 51.2"	2.0178	1.0283	8.8	177.6	1.2	51.55	205.82	38.88	257.8	Ari
13 Nov 2022	03h12m17.54s	+15 36' 37.2"	2.0165	1.0271	8.8	177.8	1.1	51.15	207.63	38.98	257.8	Ari
14 Nov 2022	03h11m16.29s	+15 33' 23.7"	2.0153	1.0263	8.8	177.3	1.3	50.74	209.41	39.01	257.8	Ari
15 Nov 2022	03h10m15.02s	+15 30' 11.1"	2.0140	1.0256	8.9	176.4	1.8	50.30	211.16	38.97	257.9	Ari
16 Nov 2022	03h09m13.85s	+15 26' 59.9"	2.0127	1.0253	8.9	175.3	2.3	49.84	212.88	38.87	257.9	Ari
17 Nov 2022	03h08m12.88s	+15 23' 50.3"	2.0115	1.0251	8.9	174.2	2.8	49.37	214.58	38.69	258.0	Ari
18 Nov 2022	03h07m12.22s	+15 20' 42.9"	2.0102	1.0253	9.0	173.0	3.4	48.88	216.24	38.45	258.1	Ari
19 Nov 2022	03h06m11.98s	+15 17' 38.0"	2.0090	1.0256	9.0	171.8	4.0	48.37	217.88	38.15	258.1	Ari
20 Nov 2022	03h05m12.26s	+15 14' 36.1"	2.0078	1.0262	9.0	170.6	4.6	47.85	219.48	37.77	258.2	Ari
21 Nov 2022	03h04m13.16s	+15 11' 37.6"	2.0066	1.0271	9.1	169.4	5.2	47.32	221.06	37.33	258.3	Ari
22 Nov 2022	03h03m14.81s	+15 08' 43.0"	2.0054	1.0282	9.1	168.2	5.8	46.77	222.60	36.82	258.4	Ari
23 Nov 2022	03h02m17.29s	+15 05' 52.6"	2.0042	1.0295	9.1	166.9	6.4	46.21	224.11	36.24	258.5	Ari
24 Nov 2022	03h01m20.72s	+15 03' 06.8"	2.0030	1.0311	9.2	165.7	7.0	45.63	225.60	35.60	258.6	Ari
25 Nov 2022	03h00m25.19s	+15 00' 26.2"	2.0018	1.0330	9.2	164.5	7.6	45.05	227.05	34.89	258.8	Ari
26 Nov 2022	02h59m30.80s	+14 57' 51.2"	2.0006	1.0350	9.2	163.3	8.2	44.46	228.47	34.13	258.9	Ari
27 Nov 2022	02h58m37.66s	+14 55' 22.0"	1.9995	1.0373	9.2	162.1	8.7	43.86	229.87	33.30	259.1	Ari
28 Nov 2022	02h57m45.84s	+14 52' 59.2"	1.9984	1.0398	9.3	160.8	9.3	43.26	231.24	32.42	259.2	Ari
29 Nov 2022	02h56m55.44s	+14 50' 43.0"	1.9972	1.0426	9.3	159.6	9.9	42.64	232.58	31.49	259.4	Ari
30 Nov 2022	02h56m06.52s	+14 48' 33.9"	1.9961	1.0456	9.3	158.4	10.5	42.03	233.89	30.51	259.7	Ari
1 Dez 2022	02h55m19.18s	+14 46' 32.0"	1.9950	1.0488	9.4	157.2	11.0	41.40	235.17	29.48	259.9	Ari
2 Dez 2022	02h54m33.47s	+14 44' 37.7"	1.9939	1.0522	9.4	156.0	11.6	40.78	236.43	28.41	260.2	Ari
3 Dez 2022	02h53m49.47s	+14 42' 51.3"	1.9928	1.0558	9.4	154.8	12.1	40.15	237.67	27.30	260.5	Ari
4 Dez 2022	02h53m07.22s	+14 41' 13.1"	1.9917	1.0597	9.4	153.7	12.7	39.51	238.88	26.16	260.8	Ari
5 Dez 2022	02h52m26.80s	+14 39' 43.1"	1.9907	1.0638	9.5	152.5	13.2	38.88	240.06	24.98	261.2	Ari
6 Dez 2022	02h51m48.24s	+14 38' 21.8"	1.9896	1.0680	9.5	151.3	13.7	38.25	241.23	23.77	261.6	Ari
7 Dez 2022	02h51m11.61s	+14 37' 09.2"	1.9886	1.0725	9.5	150.2	14.3	37.61	242.37	22.53	262.1	Ari
8 Dez 2022	02h50m36.93s	+14 36' 05.5"	1.9875	1.0771	9.5	149.0	14.8	36.98	243.48	21.27	262.6	Ari
9 Dez 2022	02h50m04.26s	+14 35' 11.0"	1.9865	1.0820	9.6	147.9	15.3	36.34	244.58	19.99	263.2	Ari
10 Dez 2022	02h49m33.64s	+14 34' 25.7"	1.9855	1.0870	9.6	146.7	15.8	35.71	245.66	18.68	264.0	Ari
11 Dez 2022	02h49m05.09s	+14 33' 49.9"	1.9845	1.0923	9.6	145.6	16.3	35.08	246.72	17.36	264.8	Ari
12 Dez 2022	02h48m38.64s	+14 33' 23.5"	1.9835	1.0977	9.7	144.5	16.8	34.45	247.76	16.02	265.8	Ari
13 Dez 2022	02h48m14.34s	+14 33' 06.8"	1.9825	1.1033	9.7	143.4	17.2	33.82	248.78	14.67	267.0	Ari

Ephemeride des Kleinplaneten (27) Euterpe

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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14 Dez 2022	02h47m52.20s	+14 32' 59.9"	1.9815	1.1090	9.7	142.3	17.7	33.20	249.78	13.32	268.4	Ari
15 Dez 2022	02h47m32.24s	+14 33' 02.8"	1.9806	1.1150	9.7	141.2	18.1	32.58	250.77	11.96	270.2	Ari
16 Dez 2022	02h47m14.50s	+14 33' 15.5"	1.9796	1.1211	9.8	140.1	18.6	31.97	251.74	10.60	272.5	Ari
17 Dez 2022	02h46m58.98s	+14 33' 38.3"	1.9787	1.1274	9.8	139.0	19.0	31.35	252.69	9.26	275.4	Ari
18 Dez 2022	02h46m45.70s	+14 34' 11.0"	1.9778	1.1338	9.8	138.0	19.5	30.75	253.63	7.94	279.4	Ari
19 Dez 2022	02h46m34.68s	+14 34' 53.8"	1.9769	1.1404	9.8	136.9	19.9	30.15	254.55	6.66	284.9	Ari
20 Dez 2022	02h46m25.93s	+14 35' 46.6"	1.9760	1.1471	9.9	135.9	20.3	29.55	255.46	5.47	292.9	Ari
21 Dez 2022	02h46m19.45s	+14 36' 49.5"	1.9751	1.1540	9.9	134.8	20.7	28.96	256.36	4.44	305.0	Ari
22 Dez 2022	02h46m15.26s	+14 38' 02.5"	1.9742	1.1611	9.9	133.8	21.1	28.37	257.24	3.71	323.1	Ari
23 Dez 2022	02h46m13.35s	+14 39' 25.5"	1.9733	1.1683	9.9	132.8	21.5	27.79	258.10	3.48	346.3	Ari
24 Dez 2022	02h46m13.74s	+14 40' 58.6"	1.9725	1.1756	10.0	131.8	21.8	27.22	258.96	3.85	8.7	Ari
25 Dez 2022	02h46m16.41s	+14 42' 41.7"	1.9716	1.1831	10.0	130.8	22.2	26.65	259.80	4.66	25.2	Ari
26 Dez 2022	02h46m21.37s	+14 44' 34.7"	1.9708	1.1907	10.0	129.8	22.6	26.09	260.64	5.74	36.2	Ari
27 Dez 2022	02h46m28.61s	+14 46' 37.5"	1.9700	1.1984	10.0	128.8	22.9	25.53	261.46	6.94	43.5	Ari
28 Dez 2022	02h46m38.11s	+14 48' 50.0"	1.9692	1.2062	10.0	127.8	23.2	24.98	262.27	8.22	48.6	Ari
29 Dez 2022	02h46m49.86s	+14 51' 12.1"	1.9684	1.2142	10.1	126.9	23.6	24.44	263.06	9.53	52.3	Ari
30 Dez 2022	02h47m03.85s	+14 53' 43.7"	1.9676	1.2222	10.1	125.9	23.9	23.90	263.85	10.86	55.0	Ari
31 Dez 2022	02h47m20.06s	+14 56' 24.5"	1.9668	1.2304	10.1	125.0	24.2	23.38	264.63	12.20	57.2	Ari
1 Jan 2023	02h47m38.45s	+14 59' 14.4"	1.9661	1.2387	10.1	124.0	24.5	22.85	265.40	13.53	58.9	Ari