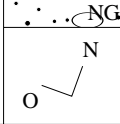
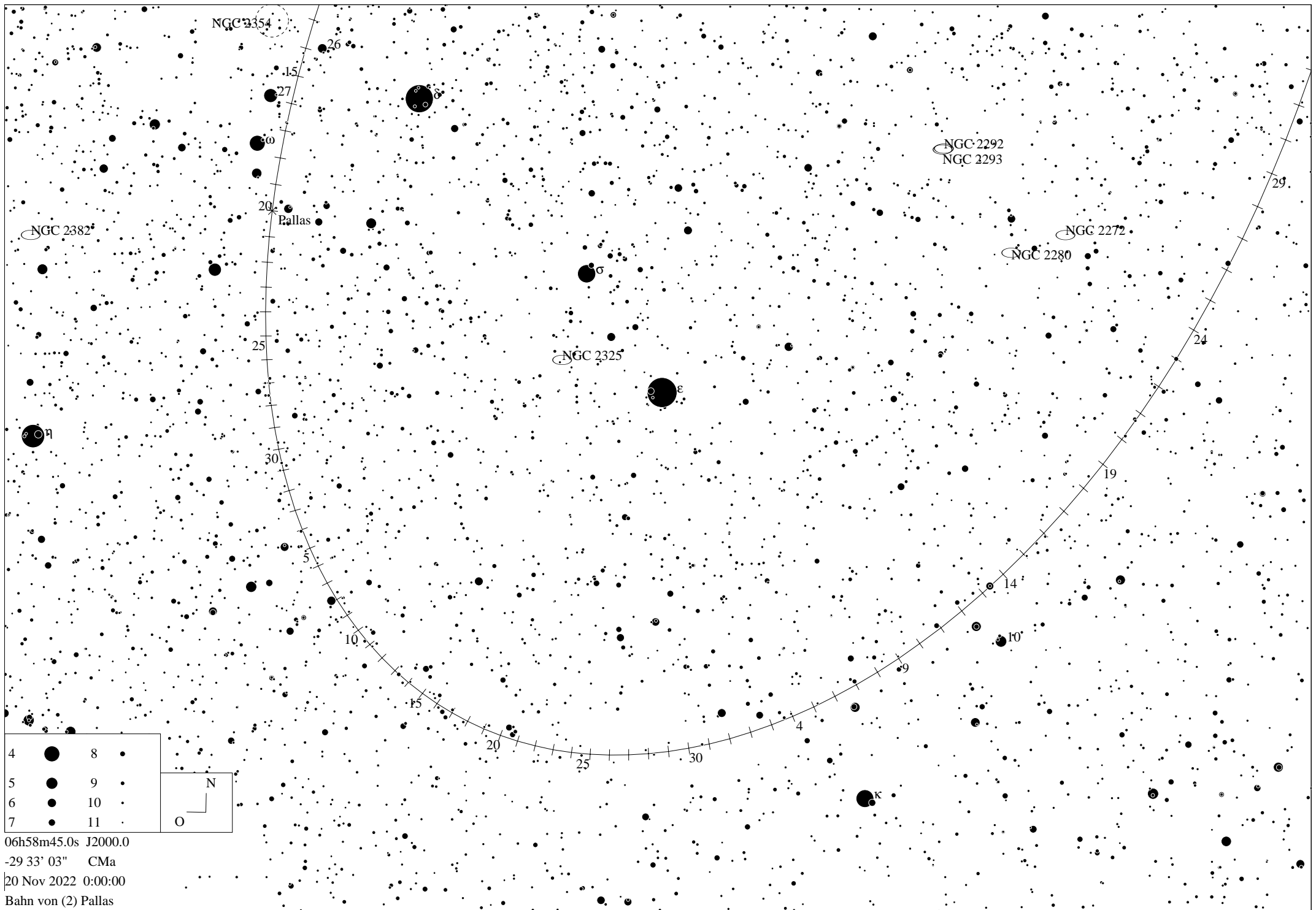
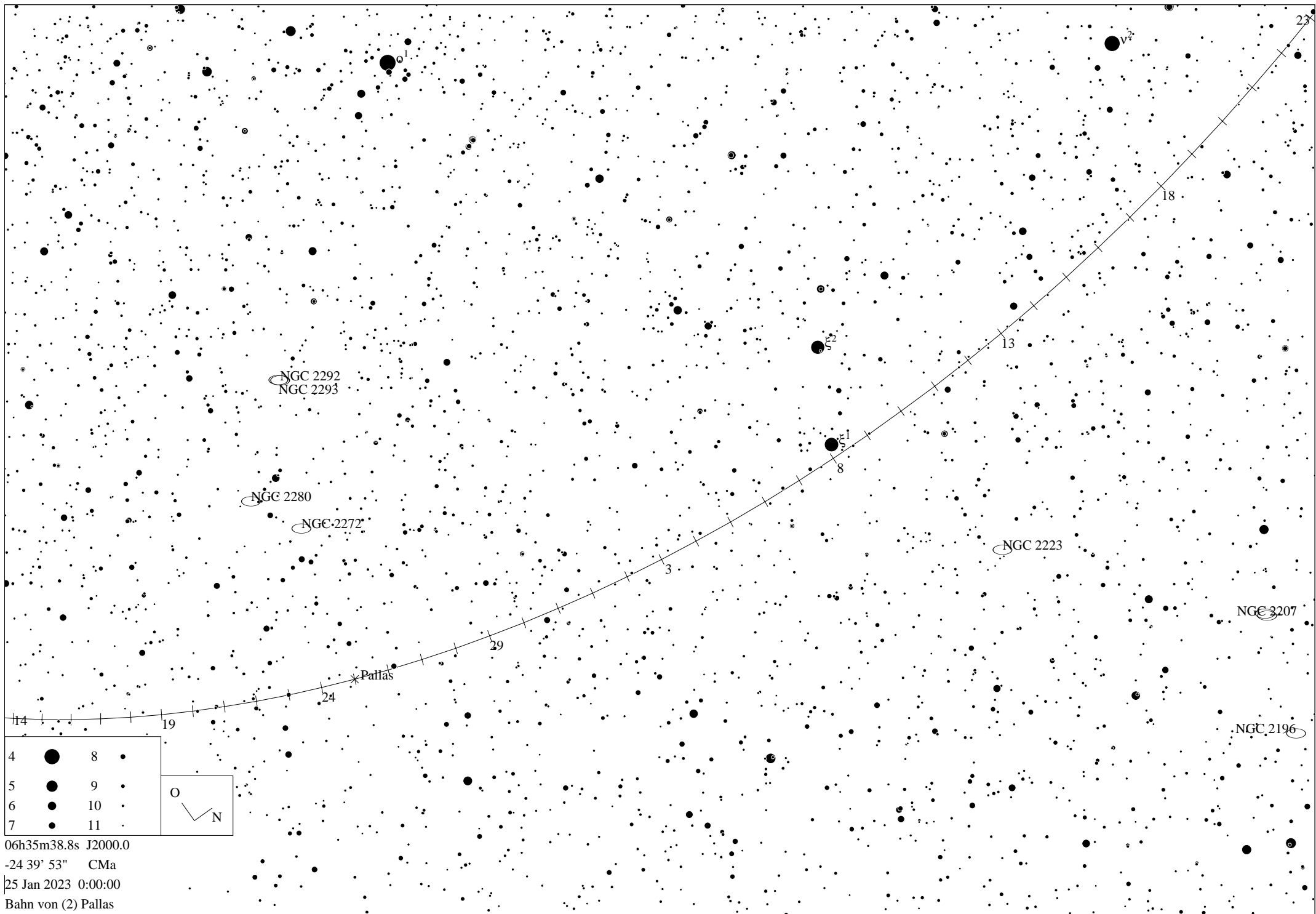
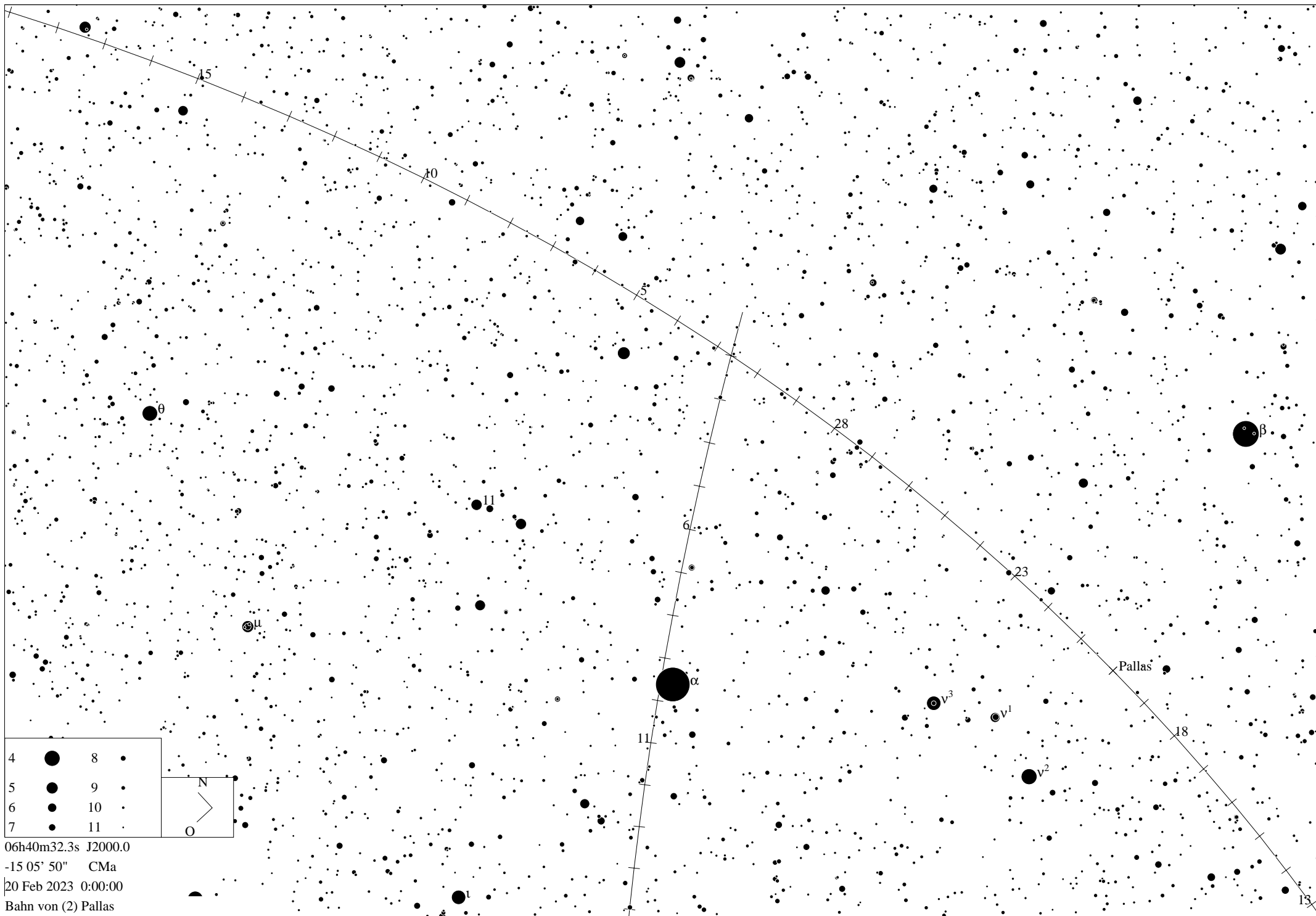


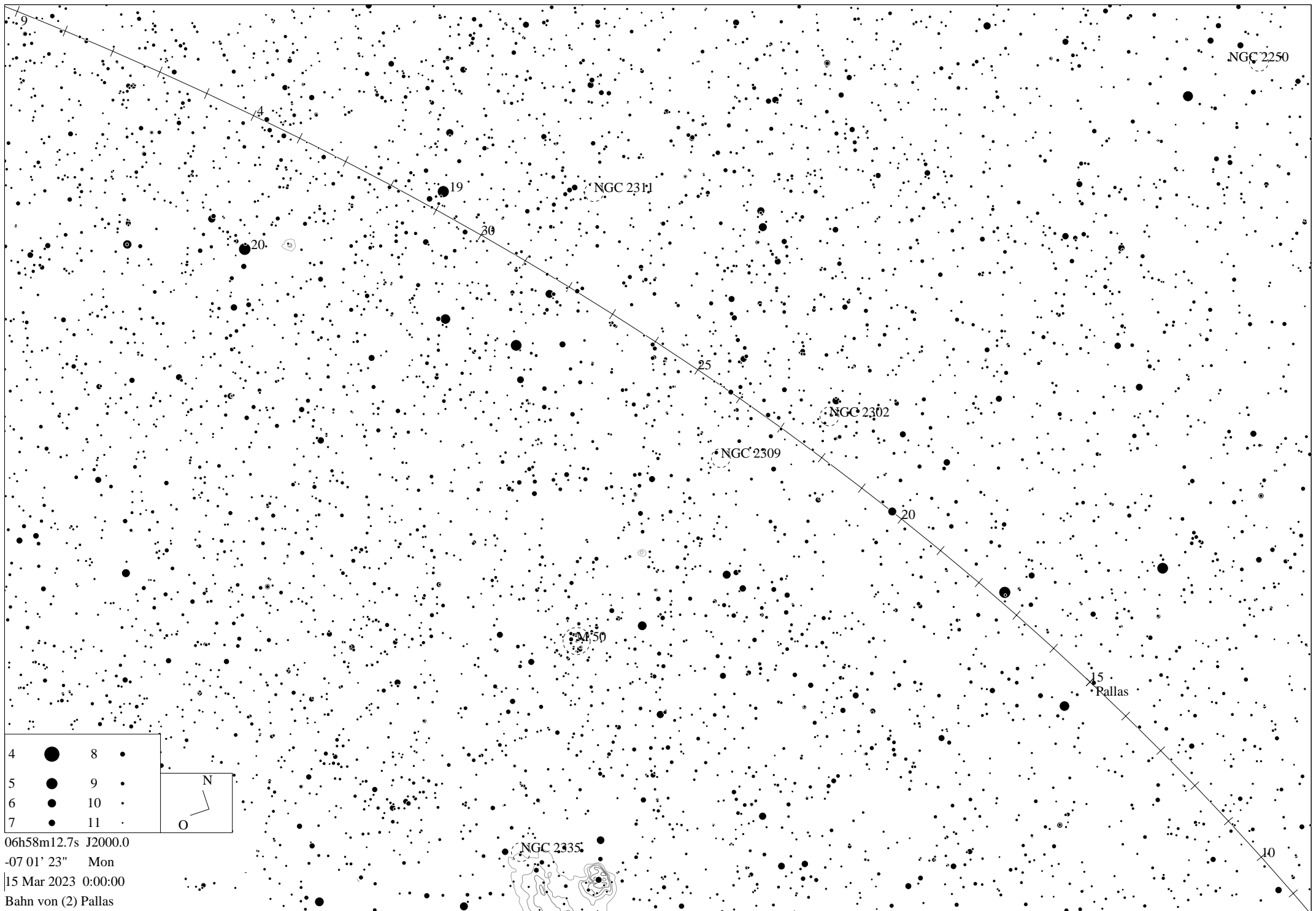
4		8	
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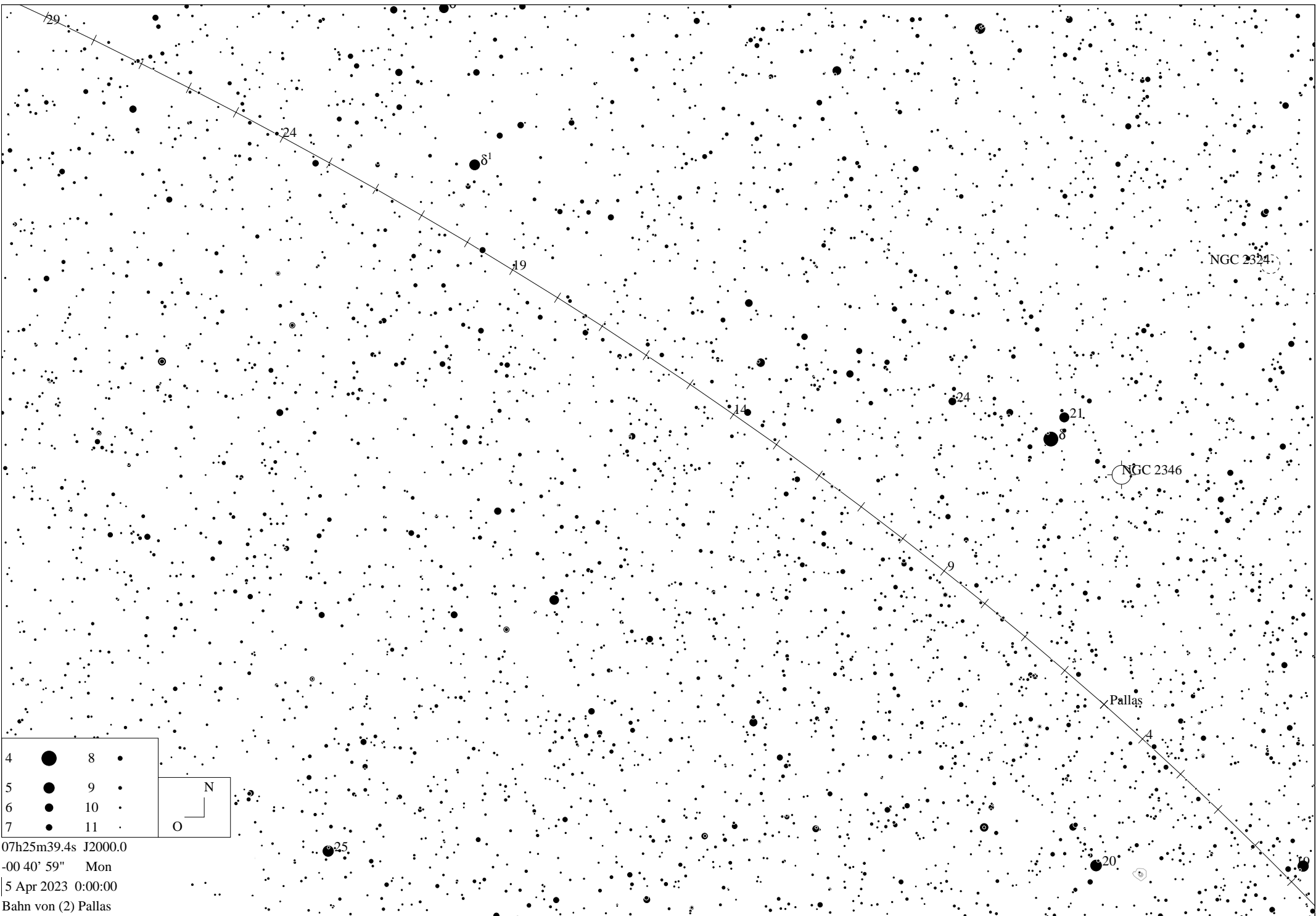


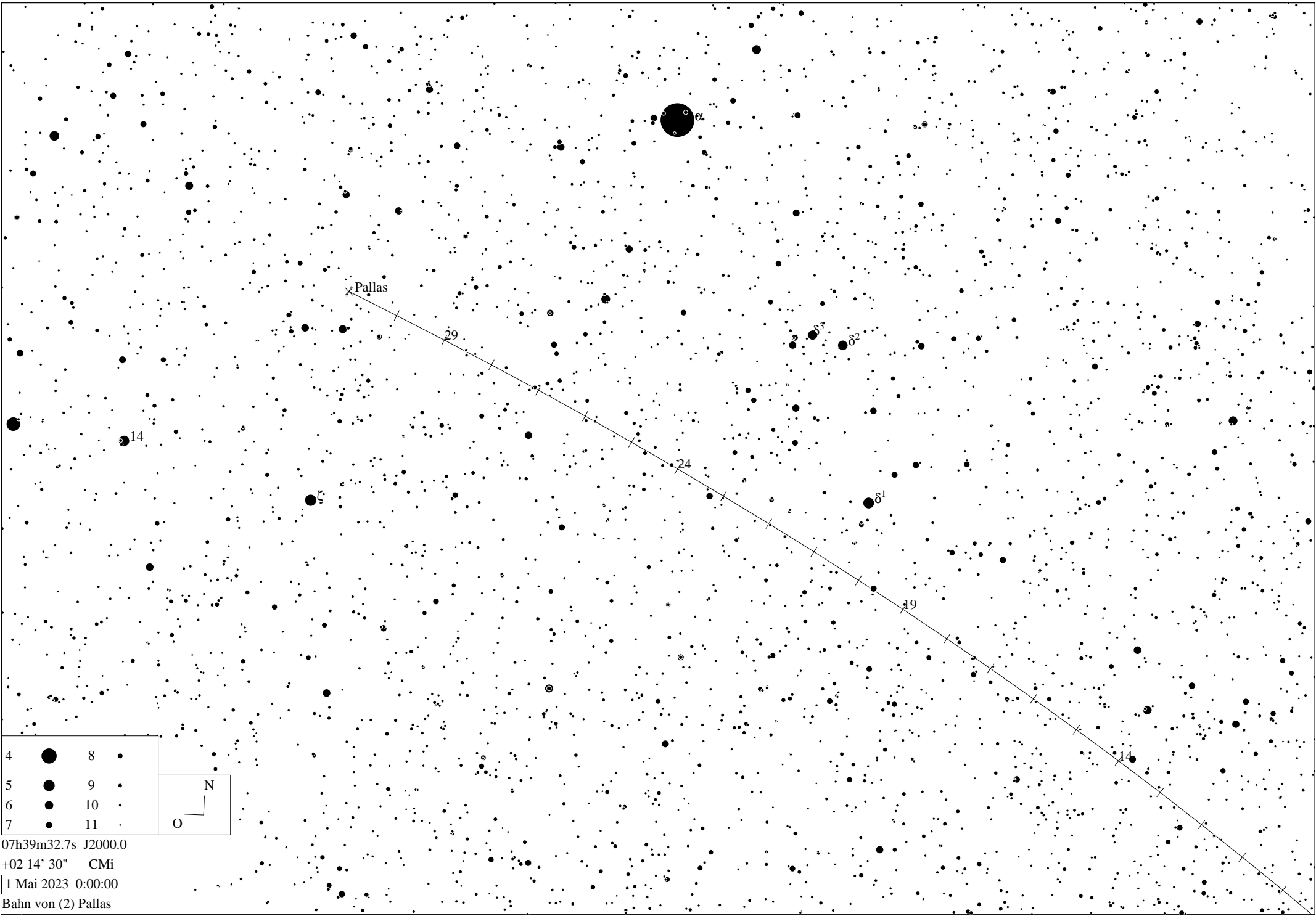




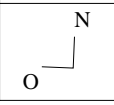


06h58m12.7s J2000.0
 -07 01' 23" Mon
 15 Mar 2023 0:00:00
 Bahn von (2) Pallas





4	●	8	●
5	●	9	●
6	●	10	●
7	●	11	●



07h39m32.7s J2000.0
 +02 14' 30" CMi
 1 Mai 2023 0:00:00
 Bahn von (2) Pallas

Ephemeride des Kleinplaneten (2) Pallas

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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1 Okt 2022	06h34m56.37s	-14 28' 53.3"	2.2997	2.1149	8.7	87.5	25.8	-2.67	110.30	59.62	128.5	CMa
2 Okt 2022	06h36m13.49s	-14 43' 42.3"	2.2977	2.1048	8.7	87.9	25.8	-2.49	110.96	59.29	129.0	CMa
3 Okt 2022	06h37m29.69s	-14 58' 36.9"	2.2958	2.0947	8.7	88.4	25.8	-2.31	111.63	58.95	129.6	CMa
4 Okt 2022	06h38m44.95s	-15 13' 36.7"	2.2939	2.0847	8.7	88.8	25.9	-2.12	112.30	58.61	130.1	CMa
5 Okt 2022	06h39m59.26s	-15 28' 41.8"	2.2920	2.0747	8.7	89.3	25.9	-1.94	112.98	58.26	130.7	CMa
6 Okt 2022	06h41m12.62s	-15 43' 51.8"	2.2901	2.0648	8.7	89.7	25.9	-1.76	113.66	57.91	131.3	CMa
7 Okt 2022	06h42m24.99s	-15 59' 06.6"	2.2882	2.0549	8.7	90.2	25.9	-1.58	114.34	57.55	131.8	CMa
8 Okt 2022	06h43m36.37s	-16 14' 26.1"	2.2863	2.0450	8.7	90.7	25.9	-1.40	115.03	57.18	132.4	CMa
9 Okt 2022	06h44m46.73s	-16 29' 50.0"	2.2845	2.0352	8.6	91.1	25.9	-1.23	115.72	56.81	133.0	CMa
10 Okt 2022	06h45m56.06s	-16 45' 18.2"	2.2826	2.0254	8.6	91.6	25.9	-1.05	116.41	56.43	133.6	CMa
11 Okt 2022	06h47m04.35s	-17 00' 50.5"	2.2807	2.0157	8.6	92.0	25.9	-0.88	117.11	56.04	134.3	CMa
12 Okt 2022	06h48m11.56s	-17 16' 26.6"	2.2789	2.0060	8.6	92.5	26.0	-0.71	117.81	55.65	134.9	CMa
13 Okt 2022	06h49m17.69s	-17 32' 06.5"	2.2771	1.9963	8.6	92.9	26.0	-0.53	118.52	55.25	135.5	CMa
14 Okt 2022	06h50m22.70s	-17 47' 49.8"	2.2752	1.9867	8.6	93.4	26.0	-0.36	119.23	54.84	136.2	CMa
15 Okt 2022	06h51m26.58s	-18 03' 36.4"	2.2734	1.9772	8.6	93.8	26.0	-0.20	119.95	54.42	136.8	CMa
16 Okt 2022	06h52m29.31s	-18 19' 26.0"	2.2716	1.9677	8.6	94.3	26.0	-0.03	120.66	54.00	137.5	CMa
17 Okt 2022	06h53m30.86s	-18 35' 18.4"	2.2698	1.9582	8.5	94.8	26.0	0.14	121.39	53.56	138.2	CMa
18 Okt 2022	06h54m56.62s	-18 51' 13.3"	2.2680	1.9488	8.5	95.2	25.9	0.30	122.11	53.12	138.9	CMa
19 Okt 2022	06h55m30.35s	-19 07' 10.4"	2.2662	1.9394	8.5	95.7	25.9	0.46	122.84	52.67	139.6	CMa
20 Okt 2022	06h56m28.24s	-19 23' 09.5"	2.2644	1.9301	8.5	96.1	25.9	0.62	123.58	52.21	140.4	CMa
21 Okt 2022	06h57m24.87s	-19 39' 10.3"	2.2627	1.9209	8.5	96.6	25.9	0.78	124.32	51.74	141.1	CMa
22 Okt 2022	06h58m20.20s	-19 55' 12.4"	2.2609	1.9117	8.5	97.0	25.9	0.94	125.06	51.27	141.9	CMa
23 Okt 2022	06h59m14.23s	-20 11' 15.5"	2.2592	1.9025	8.5	97.5	25.9	1.10	125.81	50.78	142.6	CMa
24 Okt 2022	07h00m06.92s	-20 27' 19.4"	2.2574	1.8934	8.5	98.0	25.9	1.25	126.56	50.29	143.4	CMa
25 Okt 2022	07h00m58.26s	-20 43' 23.6"	2.2557	1.8844	8.4	98.4	25.9	1.40	127.32	49.79	144.2	CMa
26 Okt 2022	07h01m48.22s	-20 59' 27.8"	2.2540	1.8754	8.4	98.9	25.8	1.55	128.08	49.28	145.0	CMa
27 Okt 2022	07h02m36.78s	-21 15' 31.7"	2.2523	1.8664	8.4	99.3	25.8	1.70	128.84	48.76	145.9	CMa
28 Okt 2022	07h03m23.93s	-21 31' 34.8"	2.2506	1.8576	8.4	99.8	25.8	1.85	129.61	48.23	146.7	CMa
29 Okt 2022	07h04m09.64s	-21 47' 36.9"	2.2489	1.8487	8.4	100.2	25.8	1.99	130.38	47.70	147.6	CMa
30 Okt 2022	07h04m53.90s	-22 03' 37.4"	2.2472	1.8400	8.4	100.7	25.7	2.14	131.16	47.16	148.5	CMa
31 Okt 2022	07h05m36.69s	-22 19' 36.1"	2.2455	1.8313	8.4	101.1	25.7	2.28	131.94	46.62	149.4	CMa
1 Nov 2022	07h06m17.99s	-22 35' 32.5"	2.2439	1.8226	8.4	101.6	25.7	2.42	132.73	46.07	150.3	CMa
2 Nov 2022	07h06m57.78s	-22 51' 26.4"	2.2422	1.8141	8.3	102.0	25.7	2.56	133.52	45.51	151.2	CMa
3 Nov 2022	07h07m36.05s	-23 07' 17.2"	2.2406	1.8055	8.3	102.5	25.6	2.69	134.31	44.95	152.2	CMa
4 Nov 2022	07h08m12.78s	-23 23' 04.6"	2.2389	1.7971	8.3	103.0	25.6	2.83	135.11	44.38	153.2	CMa
5 Nov 2022	07h08m47.95s	-23 38' 48.3"	2.2373	1.7887	8.3	103.4	25.5	2.96	135.92	43.82	154.2	CMa
6 Nov 2022	07h09m21.54s	-23 54' 27.8"	2.2357	1.7804	8.3	103.9	25.5	3.09	136.72	43.24	155.2	CMa
7 Nov 2022	07h09m53.53s	-24 10' 02.7"	2.2341	1.7721	8.3	104.3	25.5	3.21	137.54	42.66	156.3	CMa
8 Nov 2022	07h10m23.91s	-24 25' 32.6"	2.2325	1.7639	8.3	104.8	25.4	3.34	138.35	42.08	157.4	CMa
9 Nov 2022	07h10m52.65s	-24 40' 57.2"	2.2309	1.7558	8.2	105.2	25.4	3.46	139.17	41.49	158.5	CMa
10 Nov 2022	07h11m19.73s	-24 56' 15.9"	2.2293	1.7477	8.2	105.7	25.3	3.58	140.00	40.90	159.7	CMa
11 Nov 2022	07h11m45.13s	-25 11' 28.3"	2.2278	1.7397	8.2	106.1	25.3	3.70	140.83	40.31	160.9	CMa
12 Nov 2022	07h12m08.84s	-25 26' 34.0"	2.2262	1.7317	8.2	106.6	25.2	3.81	141.66	39.71	162.1	CMa
13 Nov 2022	07h12m30.82s	-25 41' 32.4"	2.2247	1.7239	8.2	107.0	25.2	3.92	142.50	39.11	163.4	CMa
14 Nov 2022	07h12m51.08s	-25 56' 23.1"	2.2232	1.7161	8.2	107.4	25.1	4.03	143.35	38.51	164.7	CMa
15 Nov 2022	07h13m09.58s	-26 11' 05.5"	2.2217	1.7084	8.2	107.9	25.1	4.14	144.19	37.91	166.0	CMa
16 Nov 2022	07h13m26.31s	-26 25' 39.2"	2.2201	1.7007	8.2	108.3	25.0	4.25	145.05	37.30	167.4	CMa
17 Nov 2022	07h13m41.25s	-26 40' 03.5"	2.2187	1.6931	8.1	108.8	25.0	4.35	145.90	36.69	168.8	CMa
18 Nov 2022	07h13m54.39s	-26 54' 17.9"	2.2172	1.6856	8.1	109.2	24.9	4.45	146.77	36.08	170.3	CMa
19 Nov 2022	07h14m05.71s	-27 08' 21.8"	2.2157	1.6782	8.1	109.7	24.8	4.54	147.63	35.48	171.9	CMa
20 Nov 2022	07h14m15.19s	-27 22' 14.7"	2.2142	1.6708	8.1	110.1	24.8	4.64	148.50	34.87	173.4	CMa
21 Nov 2022	07h14m22.84s	-27 35' 55.9"	2.2128	1.6635	8.1	110.5	24.7	4.73	149.38	34.27	175.1	CMa
22 Nov 2022	07h14m28.63s	-27 49' 24.8"	2.2113	1.6563	8.1	111.0	24.7	4.81	150.26	33.66	176.8	CMa
23 Nov 2022	07h14m32.57s	-28 02' 40.8"	2.2099	1.6492	8.1	111.4	24.6	4.90	151.14	33.06	178.5	CMa
24 Nov 2022	07h14m34.64s	-28 15' 43.2"	2.2085	1.6421	8.1	111.8	24.5	4.98	152.03	32.47	180.3	CMa
25 Nov 2022	07h14m34.84s	-28 28' 31.4"	2.2071	1.6351	8.0	112.3	24.5	5.06	152.92	31.88	182.2	CMa
26 Nov 2022	07h14m33.17s	-28 41' 04.7"	2.2057	1.6283	8.0	112.7	24.4	5.14	153.82	31.30	184.1	CMa
27 Nov 2022	07h14m29.64s	-28 53' 22.5"	2.2043	1.6215	8.0	113.1	24.3	5.21	154.72	30.73	186.1	CMa
28 Nov 2022	07h14m24.25s	-29 05' 24.2"	2.2029	1.6147	8.0	113.5	24.2	5.28	155.62	30.17	188.2	CMa
29 Nov 2022	07h14m17.01s	-29 17' 09.1"	2.2016	1.6081	8.0	113.9	24.2	5.34	156.53	29.62	190.3	CMa
30 Nov 2022	07h14m07.92s	-29 28' 36.6"	2.2002	1.6016	8.0	114.4	24.1	5.41	157.45	29.09	192.5	CMa
1 Dez 2022	07h13m57.00s	-29 39' 46.1"	2.1989	1.5951	8.0	114.8	24.0	5.47	158.37	28.58	194.8	CMa
2 Dez 2022	07h13m44.26s	-29 50' 37.0"	2.1976	1.5887	8.0	115.2	24.0	5.52	159.29	28.08	197.1	CMa
3 Dez 2022	07h13m29.70s	-30 01' 08.6"	2.1963	1.5825	7.9	115.6	23.9	5.58	160.21	27.61	199.6	CMa
4 Dez 2022	07h13m13.35s	-30 11' 20.3"	2.1950	1.5763	7.9	116.0	23.8	5.63	161.14	27.16	202.1	CMa
5 Dez 2022	07h12m55.21s	-30 21' 11.6"	2.1937	1.5702	7.9	116.4	23.7	5.67	162.08	26.73	204.7	CMa
6 Dez 2022	07h12m35.30s	-30 30' 41.8"	2.1924	1.5642	7.9	116.8	23.7	5.72	163.02	26.33	207.3	CMa
7 Dez 2022	07h12m13.65s	-30 39' 50.2"	2.1911	1.5583	7.9	117.2	23.6	5.76	163.96	25.96	210.1	CMa
8 Dez 2022	07h11m50.27s	-30 48' 36.3"	2.1899	1.5525	7.9	117.5	23.5	5.79	164.91	25.63	212.9	CMa
9 Dez 2022	07h11m25.19s	-30 56' 59.5"	2.1886	1.5468	7.9	117.9	23.4	5.83	165.86	25.32	215.8	CMa
10 Dez 2022	07h10m58.42s	-31 04' 59.0"	2.1874	1.5412	7.9	118.3	23.4	5.85	166.81	25.05	218.8	CMa
11 Dez 2022	07h10m30.00s	-31 12' 34.2"	2.1862	1.5357	7.9	118.7	23.3	5.88	167.77	24.82	221.8	CMa
12 Dez 2022	07h09m59.96s	-31 19' 44.6"	2.1850	1.5302	7.8	119.0	23.2	5.90	168.73	24.63	225.0	CMa
13 Dez 2022	07h09m28.33s	-31 26' 29.4"	2.1838	1.5249	7.8	119.4	23.1	5.92	169.70	24.48	228.1	CMa

Ephemeride des Kleinplaneten (2) Pallas

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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14 Dez 2022	07h08m55.15s	-31 32' 48.1"	2.1826	1.5197	7.8	119.8	23.1	5.93	170.67	24.37	231.3	CMa
15 Dez 2022	07h08m20.45s	-31 38' 39.9"	2.1814	1.5146	7.8	120.1	23.0	5.94	171.64	24.31	234.6	CMa
16 Dez 2022	07h07m44.28s	-31 44' 04.3"	2.1803	1.5096	7.8	120.4	22.9	5.95	172.61	24.29	237.9	CMa
17 Dez 2022	07h07m06.68s	-31 49' 00.7"	2.1791	1.5048	7.8	120.8	22.8	5.95	173.59	24.31	241.1	CMa
18 Dez 2022	07h06m27.70s	-31 53' 28.4"	2.1780	1.5000	7.8	121.1	22.8	5.95	174.58	24.38	244.5	CMa
19 Dez 2022	07h05m47.40s	-31 57' 26.8"	2.1769	1.4953	7.8	121.4	22.7	5.95	175.56	24.50	247.8	CMa
20 Dez 2022	07h05m05.83s	-32 00' 55.4"	2.1758	1.4908	7.8	121.7	22.6	5.94	176.55	24.66	251.0	CMa
21 Dez 2022	07h04m23.05s	-32 03' 53.6"	2.1747	1.4863	7.7	122.1	22.5	5.93	177.55	24.86	254.3	CMa
22 Dez 2022	07h03m39.12s	-32 06' 20.8"	2.1736	1.4820	7.7	122.4	22.5	5.91	178.54	25.10	257.6	CMa
23 Dez 2022	07h02m54.11s	-32 08' 16.5"	2.1726	1.4778	7.7	122.6	22.4	5.89	179.54	25.38	260.8	CMa
24 Dez 2022	07h02m08.10s	-32 09' 40.2"	2.1715	1.4737	7.7	122.9	22.3	5.87	180.54	25.71	263.9	CMa
25 Dez 2022	07h01m21.16s	-32 10' 31.5"	2.1705	1.4698	7.7	123.2	22.3	5.84	181.55	26.06	267.0	CMa
26 Dez 2022	07h00m33.36s	-32 10' 50.0"	2.1695	1.4659	7.7	123.5	22.2	5.81	182.55	26.46	270.1	CMa
27 Dez 2022	06h59m44.79s	-32 10' 35.4"	2.1684	1.4622	7.7	123.7	22.2	5.78	183.56	26.88	273.1	CMa
28 Dez 2022	06h58m55.52s	-32 09' 47.2"	2.1674	1.4586	7.7	124.0	22.1	5.74	184.58	27.34	276.0	CMa
29 Dez 2022	06h58m05.64s	-32 08' 25.3"	2.1665	1.4552	7.7	124.2	22.1	5.70	185.59	27.83	278.8	CMa
30 Dez 2022	06h57m15.23s	-32 06' 29.4"	2.1655	1.4518	7.7	124.4	22.0	5.65	186.61	28.34	281.6	CMa
31 Dez 2022	06h56m24.37s	-32 03' 59.4"	2.1645	1.4486	7.7	124.6	21.9	5.60	187.63	28.88	284.3	CMa
1 Jan 2023	06h55m33.13s	-32 00' 55.0"	2.1636	1.4456	7.7	124.8	21.9	5.55	188.65	29.45	286.9	CMa
2 Jan 2023	06h54m41.62s	-31 57' 16.1"	2.1627	1.4426	7.6	125.0	21.9	5.49	189.67	30.04	289.5	CMa
3 Jan 2023	06h53m49.90s	-31 53' 02.7"	2.1617	1.4398	7.6	125.2	21.8	5.43	190.69	30.65	292.0	CMa
4 Jan 2023	06h52m58.06s	-31 48' 14.6"	2.1608	1.4371	7.6	125.4	21.8	5.37	191.72	31.28	294.4	CMa
5 Jan 2023	06h52m06.18s	-31 42' 51.8"	2.1599	1.4346	7.6	125.5	21.7	5.30	192.75	31.92	296.8	CMa
6 Jan 2023	06h51m14.34s	-31 36' 54.4"	2.1591	1.4322	7.6	125.7	21.7	5.23	193.78	32.59	299.1	CMa
7 Jan 2023	06h50m22.64s	-31 30' 22.3"	2.1582	1.4300	7.6	125.8	21.7	5.15	194.81	33.26	301.4	CMa
8 Jan 2023	06h49m31.14s	-31 23' 15.5"	2.1573	1.4278	7.6	125.9	21.7	5.07	195.84	33.95	303.5	CMa
9 Jan 2023	06h48m39.93s	-31 15' 34.2"	2.1565	1.4258	7.6	126.1	21.6	4.99	196.87	34.65	305.7	CMa
10 Jan 2023	06h47m49.10s	-31 07' 18.5"	2.1557	1.4240	7.6	126.1	21.6	4.90	197.90	35.35	307.7	CMa
11 Jan 2023	06h46m58.73s	-30 58' 28.5"	2.1549	1.4223	7.6	126.2	21.6	4.81	198.94	36.07	309.8	CMa
12 Jan 2023	06h46m08.89s	-30 49' 04.5"	2.1541	1.4208	7.6	126.3	21.6	4.72	199.97	36.79	311.8	CMa
13 Jan 2023	06h45m19.68s	-30 39' 06.6"	2.1533	1.4194	7.6	126.3	21.6	4.63	201.01	37.51	313.7	CMa
14 Jan 2023	06h44m31.16s	-30 28' 35.1"	2.1525	1.4181	7.6	126.4	21.6	4.53	202.04	38.24	315.6	CMa
15 Jan 2023	06h43m43.41s	-30 17' 30.2"	2.1518	1.4170	7.6	126.4	21.6	4.43	203.08	38.97	317.4	CMa
16 Jan 2023	06h42m56.53s	-30 05' 52.4"	2.1510	1.4160	7.6	126.4	21.6	4.32	204.12	39.70	319.3	CMa
17 Jan 2023	06h42m10.57s	-29 53' 42.0"	2.1503	1.4152	7.6	126.4	21.6	4.21	205.15	40.43	321.0	CMa
18 Jan 2023	06h41m25.63s	-29 40' 59.4"	2.1496	1.4146	7.6	126.4	21.6	4.10	206.19	41.16	322.8	CMa
19 Jan 2023	06h40m41.77s	-29 27' 45.0"	2.1489	1.4141	7.6	126.4	21.6	3.99	207.22	41.88	324.5	CMa
20 Jan 2023	06h39m59.06s	-29 13' 59.3"	2.1482	1.4137	7.6	126.3	21.7	3.87	208.26	42.60	326.2	CMa
21 Jan 2023	06h39m17.59s	-28 59' 42.9"	2.1476	1.4136	7.6	126.3	21.7	3.75	209.29	43.31	327.8	CMa
22 Jan 2023	06h38m37.43s	-28 44' 56.4"	2.1469	1.4135	7.6	126.2	21.7	3.63	210.33	44.02	329.5	CMa
23 Jan 2023	06h37m58.63s	-28 29' 40.3"	2.1463	1.4137	7.6	126.1	21.8	3.50	211.36	44.71	331.1	CMa
24 Jan 2023	06h37m21.26s	-28 13' 55.4"	2.1456	1.4139	7.6	126.0	21.8	3.38	212.39	45.40	332.6	CMa
25 Jan 2023	06h36m45.39s	-27 57' 42.3"	2.1450	1.4144	7.6	125.9	21.8	3.25	213.42	46.07	334.2	CMa
26 Jan 2023	06h36m11.07s	-27 41' 02.0"	2.1444	1.4150	7.6	125.7	21.9	3.12	214.45	46.74	335.7	CMa
27 Jan 2023	06h35m38.35s	-27 23' 55.0"	2.1438	1.4158	7.6	125.6	21.9	2.98	215.48	47.39	337.2	CMa
28 Jan 2023	06h35m07.28s	-27 06' 22.3"	2.1433	1.4167	7.6	125.4	22.0	2.84	216.50	48.04	338.7	CMa
29 Jan 2023	06h34m37.90s	-26 48' 24.7"	2.1427	1.4178	7.6	125.2	22.1	2.71	217.52	48.67	340.1	CMa
30 Jan 2023	06h34m10.25s	-26 30' 02.9"	2.1422	1.4190	7.6	125.0	22.1	2.57	218.54	49.29	341.6	CMa
31 Jan 2023	06h33m44.37s	-26 11' 17.9"	2.1416	1.4204	7.6	124.8	22.2	2.42	219.56	49.90	343.0	CMa
1 Feb 2023	06h33m20.29s	-25 52' 10.4"	2.1411	1.4220	7.6	124.6	22.3	2.28	220.58	50.50	344.4	CMa
2 Feb 2023	06h32m58.03s	-25 32' 41.3"	2.1406	1.4237	7.6	124.4	22.3	2.13	221.59	51.09	345.7	CMa
3 Feb 2023	06h32m37.64s	-25 12' 51.5"	2.1402	1.4256	7.6	124.1	22.4	1.98	222.60	51.67	347.1	CMa
4 Feb 2023	06h32m19.12s	-24 52' 41.9"	2.1397	1.4276	7.6	123.9	22.5	1.83	223.61	52.23	348.4	CMa
5 Feb 2023	06h32m02.51s	-24 32' 13.2"	2.1392	1.4298	7.6	123.6	22.6	1.68	224.62	52.79	349.7	CMa
6 Feb 2023	06h31m47.82s	-24 11' 26.4"	2.1388	1.4322	7.6	123.3	22.7	1.53	225.62	53.33	351.0	CMa
7 Feb 2023	06h31m35.07s	-23 50' 22.4"	2.1384	1.4347	7.6	123.0	22.8	1.38	226.62	53.86	352.3	CMa
8 Feb 2023	06h31m24.27s	-23 29' 01.9"	2.1380	1.4374	7.6	122.7	22.8	1.22	227.62	54.38	353.6	CMa
9 Feb 2023	06h31m15.44s	-23 07' 26.0"	2.1376	1.4403	7.7	122.4	22.9	1.06	228.61	54.89	354.8	CMa
10 Feb 2023	06h31m08.59s	-22 45' 35.3"	2.1372	1.4433	7.7	122.0	23.0	0.91	229.60	55.38	356.1	CMa
11 Feb 2023	06h31m03.72s	-22 23' 30.9"	2.1368	1.4465	7.7	121.7	23.1	0.75	230.58	55.87	357.3	CMa
12 Feb 2023	06h31m00.85s	-22 01' 13.5"	2.1365	1.4498	7.7	121.3	23.2	0.59	231.57	56.34	358.5	CMa
13 Feb 2023	06h30m59.97s	-21 38' 44.1"	2.1361	1.4533	7.7	121.0	23.3	0.42	232.54	56.81	359.7	CMa
14 Feb 2023	06h31m01.11s	-21 16' 03.4"	2.1358	1.4569	7.7	120.6	23.5	0.26	233.52	57.26	0.9	CMa
15 Feb 2023	06h31m04.25s	-20 53' 12.3"	2.1355	1.4607	7.7	120.2	23.6	0.10	234.49	57.70	2.1	CMa
16 Feb 2023	06h31m09.40s	-20 30' 11.8"	2.1352	1.4647	7.7	119.8	23.7	-0.06	235.45	58.13	3.2	CMa
17 Feb 2023	06h31m16.57s	-20 07' 02.6"	2.1349	1.4689	7.7	119.4	23.8	-0.23	236.41	58.54	4.4	CMa
18 Feb 2023	06h31m25.75s	-19 43' 45.6"	2.1347	1.4731	7.7	119.0	23.9	-0.39	237.37	58.95	5.6	CMa
19 Feb 2023	06h31m36.94s	-19 20' 21.6"	2.1344	1.4776	7.7	118.5	24.0	-0.56	238.32	59.34	6.7	CMa
20 Feb 2023	06h31m50.14s	-18 56' 51.6"	2.1342	1.4822	7.7	118.1	24.1	-0.72	239.27	59.72	7.8	CMa
21 Feb 2023	06h32m05.34s	-18 33' 16.4"	2.1340	1.4870	7.8	117.7	24.2	-0.89	240.21	60.09	9.0	CMa
22 Feb 2023	06h32m22.54s	-18 09' 36.9"	2.1338	1.4919	7.8	117.2	24.3	-1.05	241.15	60.45	10.1	CMa
23 Feb 2023	06h32m41.72s	-17 45' 53.8"	2.1336	1.4969	7.8	116.7	24.5	-1.22	242.08	60.79	11.2	CMa
24 Feb 2023	06h33m02.87s	-17 22' 08.1"	2.1334	1.5021	7.8	116.3	24.6	-1.39	243.01	61.12	12.3	CMa
25 Feb 2023	06h33m25.97s	-16 58' 20.6"	2.1333	1.5075	7.8	115.8	24.7	-1.55	243.93	61.44	13.4	CMa

Ephemeride des Kleinplaneten (2) Pallas

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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26 Feb 2023	06h33m51.01s	-16 34' 32.0"	2.1331	1.5130	7.8	115.3	24.8	-1.72	244.85	61.75	14.5	CMa
27 Feb 2023	06h34m17.97s	-16 10' 43.0"	2.1330	1.5187	7.8	114.8	24.9	-1.89	245.76	62.05	15.5	CMa
28 Feb 2023	06h34m46.83s	-15 46' 54.5"	2.1329	1.5245	7.8	114.3	25.0	-2.05	246.66	62.34	16.6	CMa
1 Mar 2023	06h35m17.56s	-15 23' 07.1"	2.1328	1.5304	7.8	113.8	25.1	-2.22	247.57	62.62	17.6	CMa
2 Mar 2023	06h35m50.14s	-14 59' 21.5"	2.1327	1.5365	7.9	113.3	25.3	-2.39	248.46	62.89	18.7	CMa
3 Mar 2023	06h36m24.56s	-14 35' 38.4"	2.1326	1.5428	7.9	112.8	25.4	-2.55	249.35	63.15	19.7	CMa
4 Mar 2023	06h37m00.79s	-14 11' 58.4"	2.1326	1.5491	7.9	112.3	25.5	-2.72	250.23	63.41	20.7	CMa
5 Mar 2023	06h37m38.80s	-13 48' 22.2"	2.1326	1.5557	7.9	111.8	25.6	-2.89	251.11	63.65	21.7	CMa
6 Mar 2023	06h38m18.58s	-13 24' 50.2"	2.1325	1.5623	7.9	111.2	25.7	-3.05	251.98	63.89	22.7	CMa
7 Mar 2023	06h39m00.10s	-13 01' 23.1"	2.1325	1.5691	7.9	110.7	25.8	-3.22	252.85	64.12	23.7	CMa
8 Mar 2023	06h39m43.33s	-12 38' 01.5"	2.1325	1.5760	7.9	110.2	25.9	-3.38	253.71	64.34	24.7	CMa
9 Mar 2023	06h40m28.26s	-12 14' 45.8"	2.1326	1.5831	7.9	109.6	26.0	-3.55	254.57	64.56	25.6	CMa
10 Mar 2023	06h41m14.85s	-11 51' 36.6"	2.1326	1.5902	8.0	109.1	26.1	-3.71	255.42	64.77	26.6	CMa
11 Mar 2023	06h41m52.09s	-11 28' 34.3"	2.1326	1.5976	8.0	108.6	26.2	-3.88	256.26	64.98	27.5	CMa
12 Mar 2023	06h42m52.96s	-11 05' 39.5"	2.1327	1.6050	8.0	108.0	26.3	-4.04	257.10	65.18	28.5	Mon
13 Mar 2023	06h43m44.42s	-10 42' 52.6"	2.1328	1.6126	8.0	107.4	26.4	-4.21	257.93	65.38	29.4	Mon
14 Mar 2023	06h44m37.46s	-10 20' 13.9"	2.1329	1.6203	8.0	106.9	26.5	-4.37	258.76	65.57	30.4	Mon
15 Mar 2023	06h45m32.06s	-09 57' 44.0"	2.1330	1.6281	8.0	106.3	26.6	-4.53	259.58	65.76	31.3	Mon
16 Mar 2023	06h46m28.20s	-09 35' 23.2"	2.1331	1.6360	8.0	105.8	26.7	-4.70	260.39	65.94	32.2	Mon
17 Mar 2023	06h47m25.85s	-09 13' 12.1"	2.1333	1.6441	8.1	105.2	26.7	-4.86	261.20	66.12	33.1	Mon
18 Mar 2023	06h48m25.00s	-08 51' 10.8"	2.1334	1.6523	8.1	104.6	26.8	-5.02	262.00	66.29	34.0	Mon
19 Mar 2023	06h49m25.62s	-08 29' 19.9"	2.1336	1.6606	8.1	104.1	26.9	-5.18	262.80	66.46	34.9	Mon
20 Mar 2023	06h50m27.70s	-08 07' 39.7"	2.1338	1.6690	8.1	103.5	27.0	-5.34	263.59	66.63	35.8	Mon
21 Mar 2023	06h51m31.20s	-07 46' 10.6"	2.1340	1.6775	8.1	102.9	27.1	-5.50	264.38	66.79	36.7	Mon
22 Mar 2023	06h52m36.11s	-07 24' 52.9"	2.1342	1.6861	8.1	102.4	27.1	-5.66	265.16	66.95	37.5	Mon
23 Mar 2023	06h53m42.41s	-07 03' 47.0"	2.1344	1.6949	8.1	101.8	27.2	-5.82	265.93	67.10	38.4	Mon
24 Mar 2023	06h54m50.07s	-06 42' 53.1"	2.1347	1.7037	8.1	101.2	27.3	-5.98	266.70	67.25	39.3	Mon
25 Mar 2023	06h55m59.06s	-06 22' 11.6"	2.1349	1.7127	8.2	100.6	27.3	-6.14	267.46	67.39	40.1	Mon
26 Mar 2023	06h57m09.36s	-06 01' 42.8"	2.1352	1.7217	8.2	100.1	27.4	-6.30	268.21	67.53	40.9	Mon
27 Mar 2023	06h58m20.95s	-05 41' 26.9"	2.1355	1.7309	8.2	99.5	27.4	-6.46	268.96	67.66	41.8	Mon
28 Mar 2023	06h59m33.79s	-05 21' 24.1"	2.1358	1.7401	8.2	98.9	27.5	-6.62	269.71	67.79	42.6	Mon
29 Mar 2023	07h00m47.86s	-05 01' 34.7"	2.1361	1.7495	8.2	98.3	27.5	-6.78	270.44	67.92	43.4	Mon
30 Mar 2023	07h02m03.14s	-04 41' 58.9"	2.1365	1.7589	8.2	97.8	27.6	-6.94	271.18	68.04	44.2	Mon
31 Mar 2023	07h03m19.59s	-04 22' 36.7"	2.1368	1.7684	8.2	97.2	27.6	-7.09	271.90	68.16	45.0	Mon
1 Apr 2023	07h04m37.20s	-04 03' 28.5"	2.1372	1.7780	8.3	96.6	27.7	-7.25	272.62	68.27	45.8	Mon
2 Apr 2023	07h05m55.94s	-03 44' 34.3"	2.1376	1.7877	8.3	96.0	27.7	-7.41	273.34	68.38	46.6	Mon
3 Apr 2023	07h07m15.79s	-03 25' 54.2"	2.1380	1.7975	8.3	95.4	27.7	-7.56	274.05	68.49	47.4	Mon
4 Apr 2023	07h08m36.71s	-03 07' 28.5"	2.1384	1.8074	8.3	94.9	27.8	-7.72	274.75	68.60	48.1	Mon
5 Apr 2023	07h09m58.70s	-02 49' 17.1"	2.1388	1.8174	8.3	94.3	27.8	-7.88	275.45	68.70	48.9	Mon
6 Apr 2023	07h11m21.72s	-02 31' 20.2"	2.1392	1.8274	8.3	93.7	27.8	-8.03	276.15	68.80	49.6	Mon
7 Apr 2023	07h12m45.75s	-02 13' 37.9"	2.1397	1.8375	8.3	93.1	27.8	-8.19	276.84	68.90	50.3	Mon
8 Apr 2023	07h14m10.78s	-01 56' 10.3"	2.1401	1.8477	8.3	92.5	27.9	-8.35	277.52	69.00	51.1	Mon
9 Apr 2023	07h15m36.77s	-01 38' 57.4"	2.1406	1.8580	8.4	92.0	27.9	-8.50	278.20	69.09	51.8	Mon
10 Apr 2023	07h17m03.72s	-01 21' 59.2"	2.1411	1.8683	8.4	91.4	27.9	-8.66	278.87	69.19	52.5	Mon
11 Apr 2023	07h18m31.60s	-01 05' 15.8"	2.1416	1.8787	8.4	90.8	27.9	-8.81	279.54	69.28	53.2	Mon
12 Apr 2023	07h20m00.40s	-00 48' 47.3"	2.1422	1.8892	8.4	90.2	27.9	-8.97	280.20	69.37	53.9	Mon
13 Apr 2023	07h21m30.09s	-00 32' 33.8"	2.1427	1.8997	8.4	89.7	27.9	-9.13	280.86	69.47	54.6	Mon
14 Apr 2023	07h23m00.66s	-00 16' 35.2"	2.1433	1.9103	8.4	89.1	27.9	-9.28	281.51	69.56	55.3	Mon
15 Apr 2023	07h24m32.09s	-00 00' 51.6"	2.1438	1.9210	8.4	88.5	27.9	-9.44	282.16	69.65	56.0	CMi
16 Apr 2023	07h26m04.37s	+00 14' 36.9"	2.1444	1.9318	8.4	87.9	27.9	-9.60	282.80	69.74	56.6	CMi
17 Apr 2023	07h27m37.47s	+00 29' 50.5"	2.1450	1.9426	8.5	87.4	27.9	-9.75	283.44	69.82	57.3	CMi
18 Apr 2023	07h29m11.39s	+00 44' 48.9"	2.1456	1.9534	8.5	86.8	27.8	-9.91	284.07	69.91	57.9	CMi
19 Apr 2023	07h30m46.10s	+00 59' 32.2"	2.1462	1.9643	8.5	86.2	27.8	-10.06	284.70	69.99	58.6	CMi
20 Apr 2023	07h32m21.58s	+01 14' 00.4"	2.1469	1.9753	8.5	85.6	27.8	-10.22	285.33	70.08	59.2	CMi
21 Apr 2023	07h33m57.82s	+01 28' 13.4"	2.1475	1.9863	8.5	85.1	27.8	-10.38	285.95	70.16	59.9	CMi
22 Apr 2023	07h35m34.79s	+01 42' 11.3"	2.1482	1.9974	8.5	84.5	27.8	-10.54	286.56	70.23	60.5	CMi
23 Apr 2023	07h37m12.48s	+01 55' 54.1"	2.1489	2.0085	8.5	83.9	27.7	-10.69	287.17	70.31	61.1	CMi
24 Apr 2023	07h38m50.87s	+02 09' 21.7"	2.1496	2.0197	8.5	83.4	27.7	-10.85	287.78	70.38	61.8	CMi
25 Apr 2023	07h40m29.93s	+02 22' 34.4"	2.1503	2.0309	8.6	82.8	27.6	-11.01	288.38	70.45	62.4	CMi
26 Apr 2023	07h42m09.66s	+02 35' 31.9"	2.1510	2.0421	8.6	82.2	27.6	-11.17	288.98	70.52	63.0	CMi
27 Apr 2023	07h43m50.02s	+02 48' 14.6"	2.1518	2.0534	8.6	81.7	27.6	-11.32	289.58	70.58	63.6	CMi
28 Apr 2023	07h45m31.01s	+03 00' 42.3"	2.1525	2.0647	8.6	81.1	27.5	-11.48	290.17	70.64	64.1	CMi
29 Apr 2023	07h47m12.60s	+03 12' 55.1"	2.1533	2.0760	8.6	80.5	27.5	-11.64	290.76	70.70	64.7	CMi
30 Apr 2023	07h48m54.77s	+03 24' 53.2"	2.1541	2.0874	8.6	80.0	27.4	-11.80	291.34	70.76	65.3	CMi
1 Mai 2023	07h50m37.51s	+03 36' 36.5"	2.1549	2.0988	8.6	79.4	27.4	-11.96	291.92	70.81	65.9	CMi