

NGC 7541

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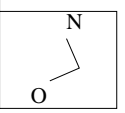
29

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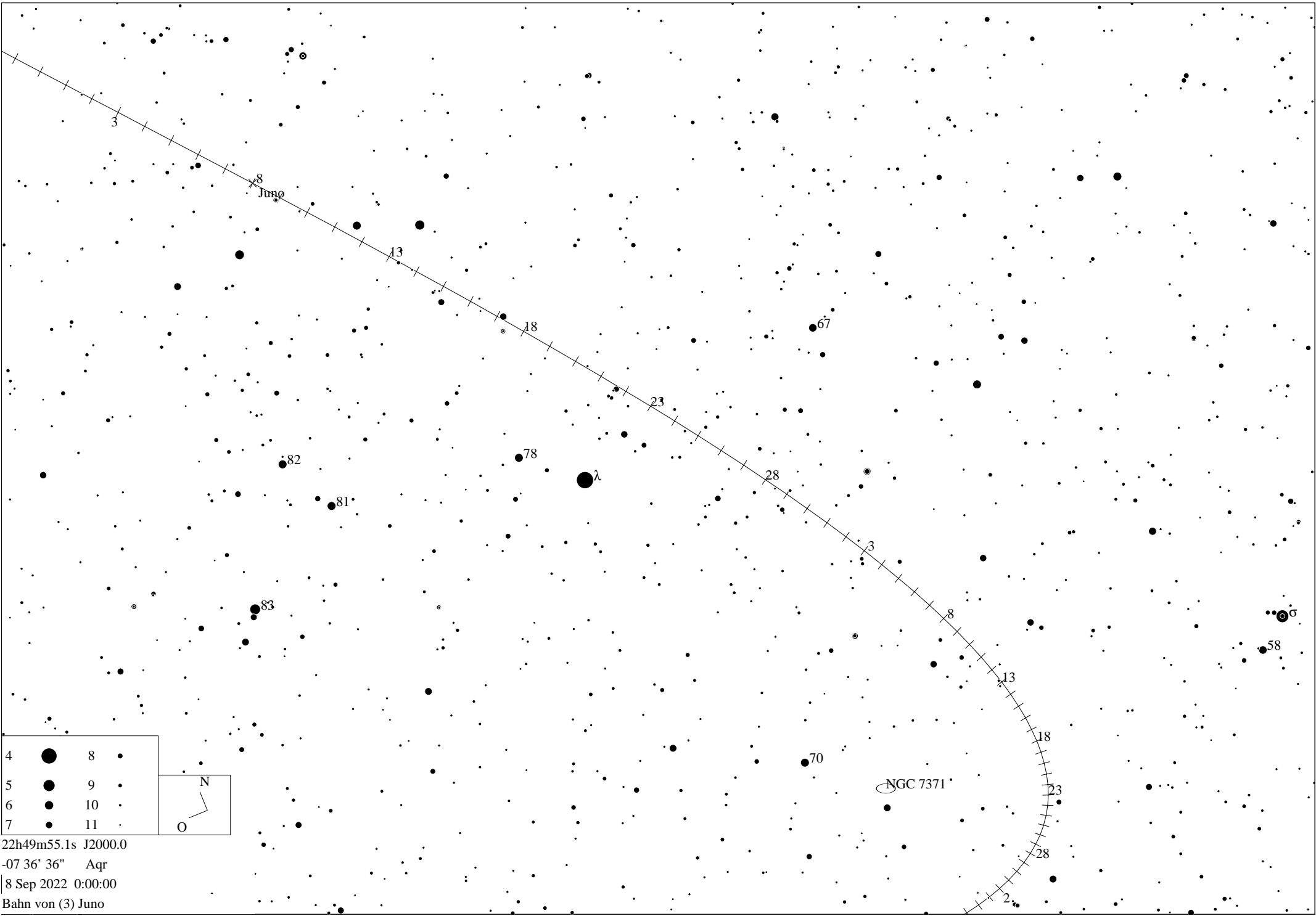


23h05m29.4s J2000.0

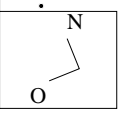
-00 25' 06" Psc

15 Jun 2022 0:00:00

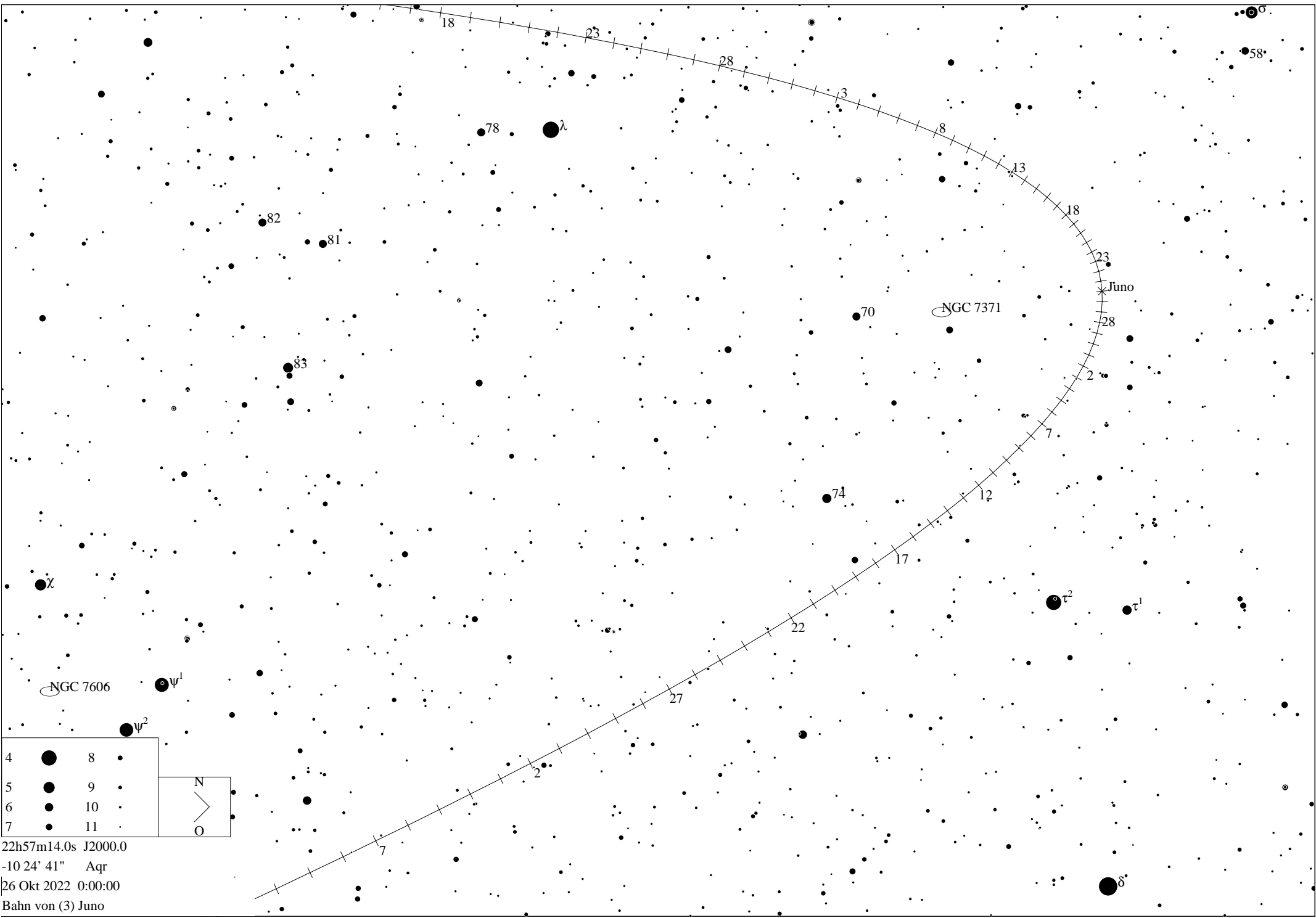
Bahn von (3) Juno



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7	●	11	●



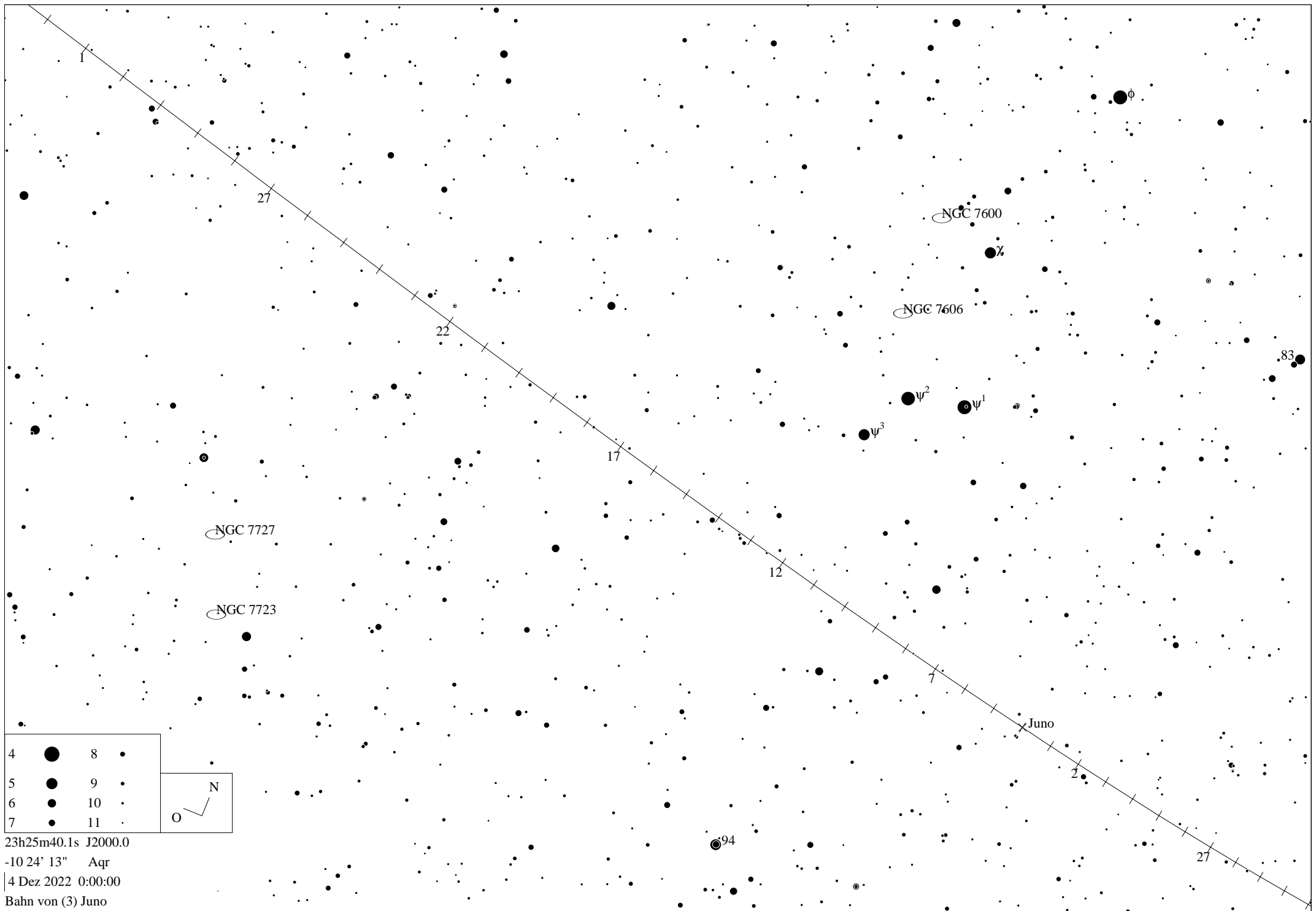
22h49m55.1s J2000.0
 -07 36' 36" Aqr
 8 Sep 2022 0:00:00
 Bahn von (3) Juno

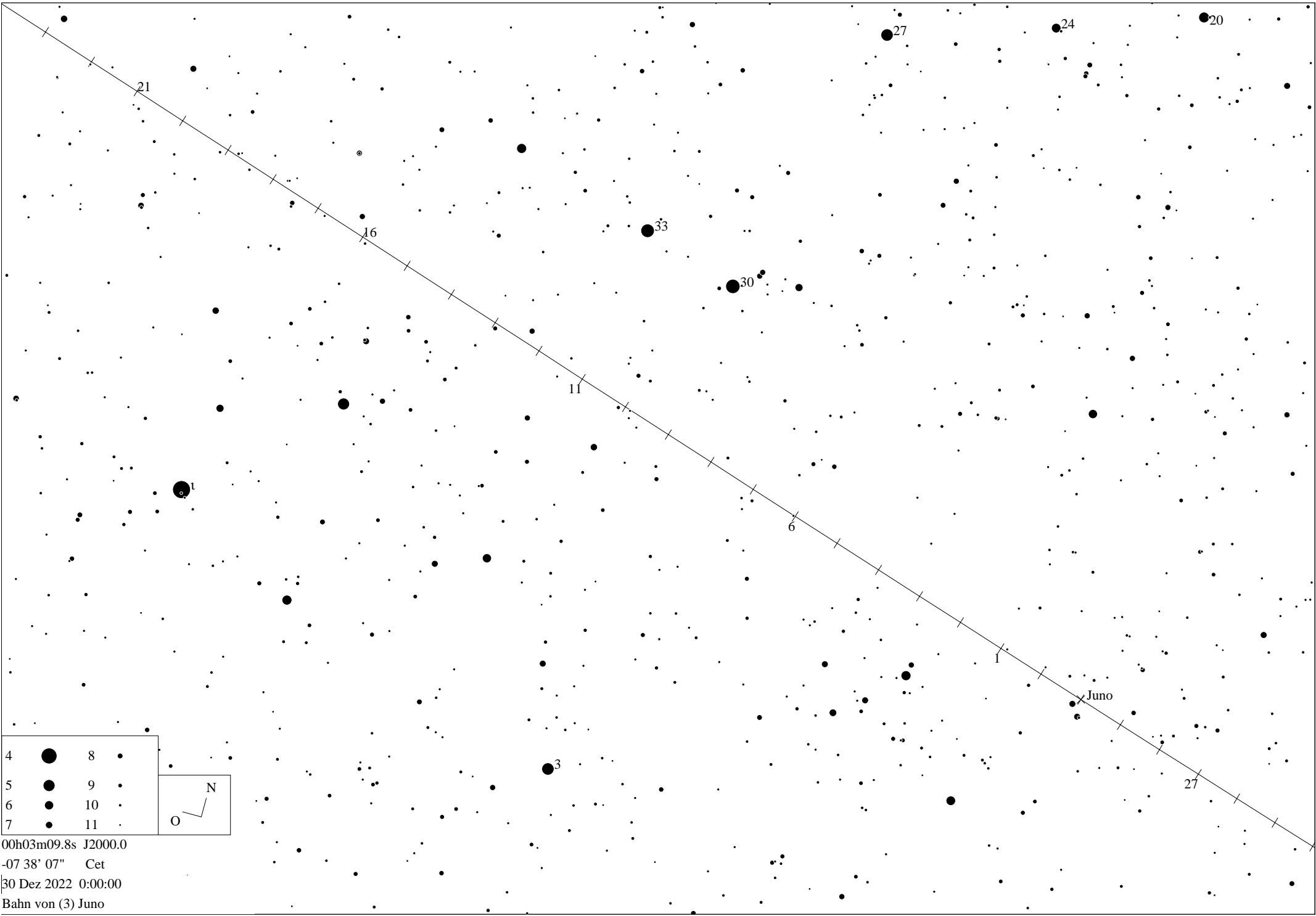


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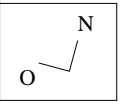
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22h57m14.0s J2000.0
 -10 24' 41" Aqr
 26 Okt 2022 0:00:00
 Bahn von (3) Juno

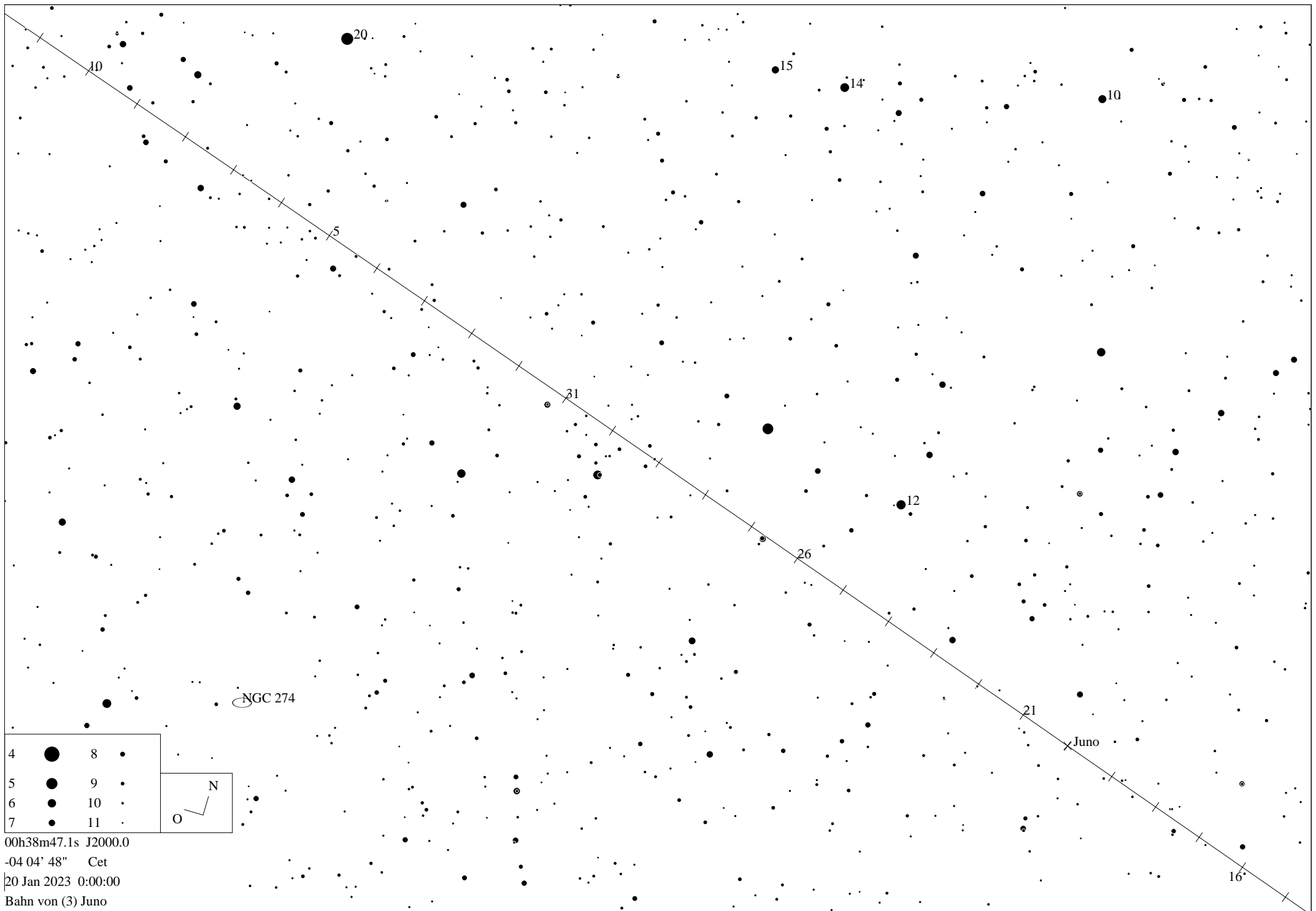


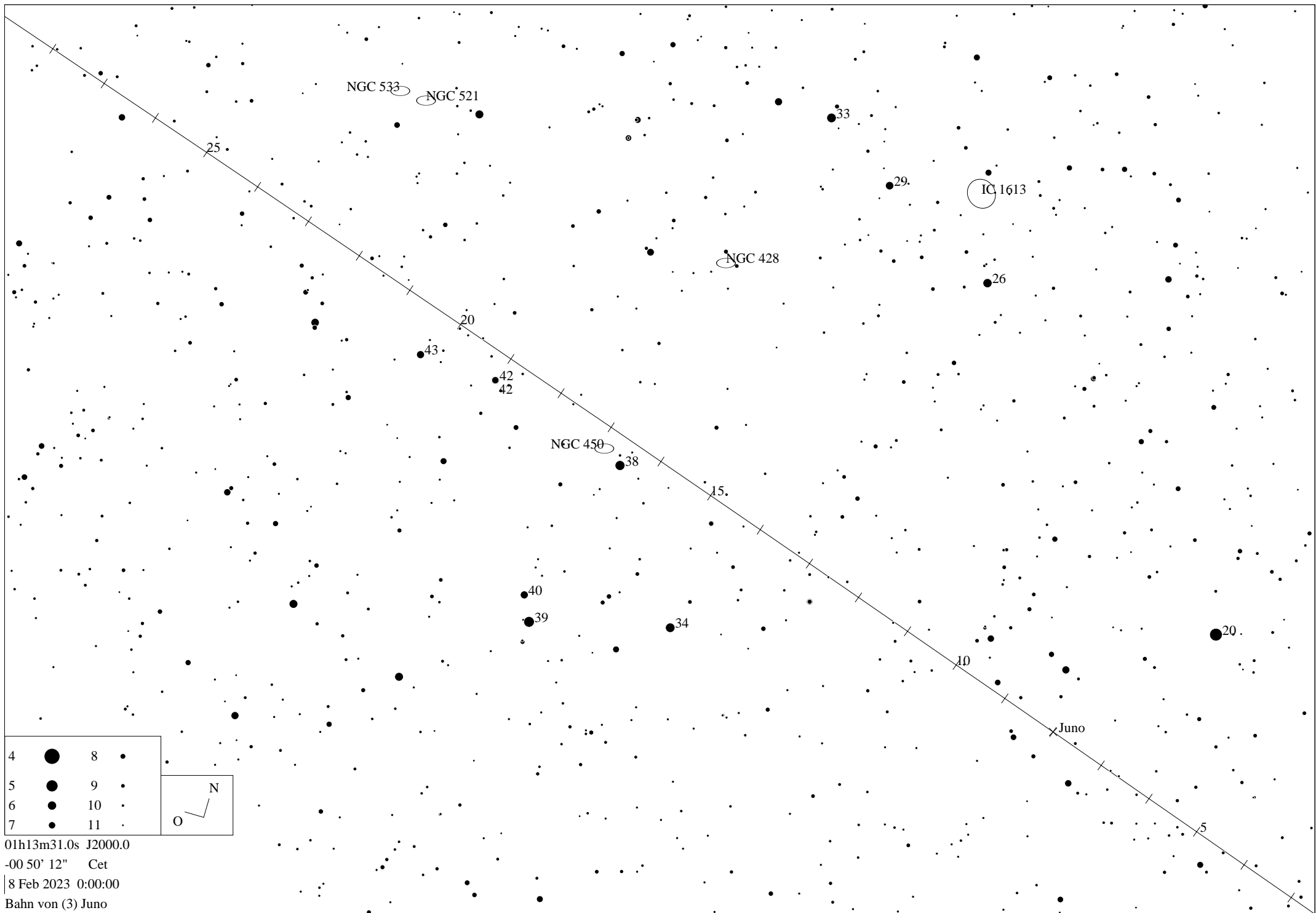


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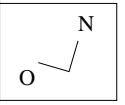


00h03m09.8s J2000.0
 -07 38' 07" Cet
 30 Dez 2022 0:00:00
 Bahn von (3) Juno

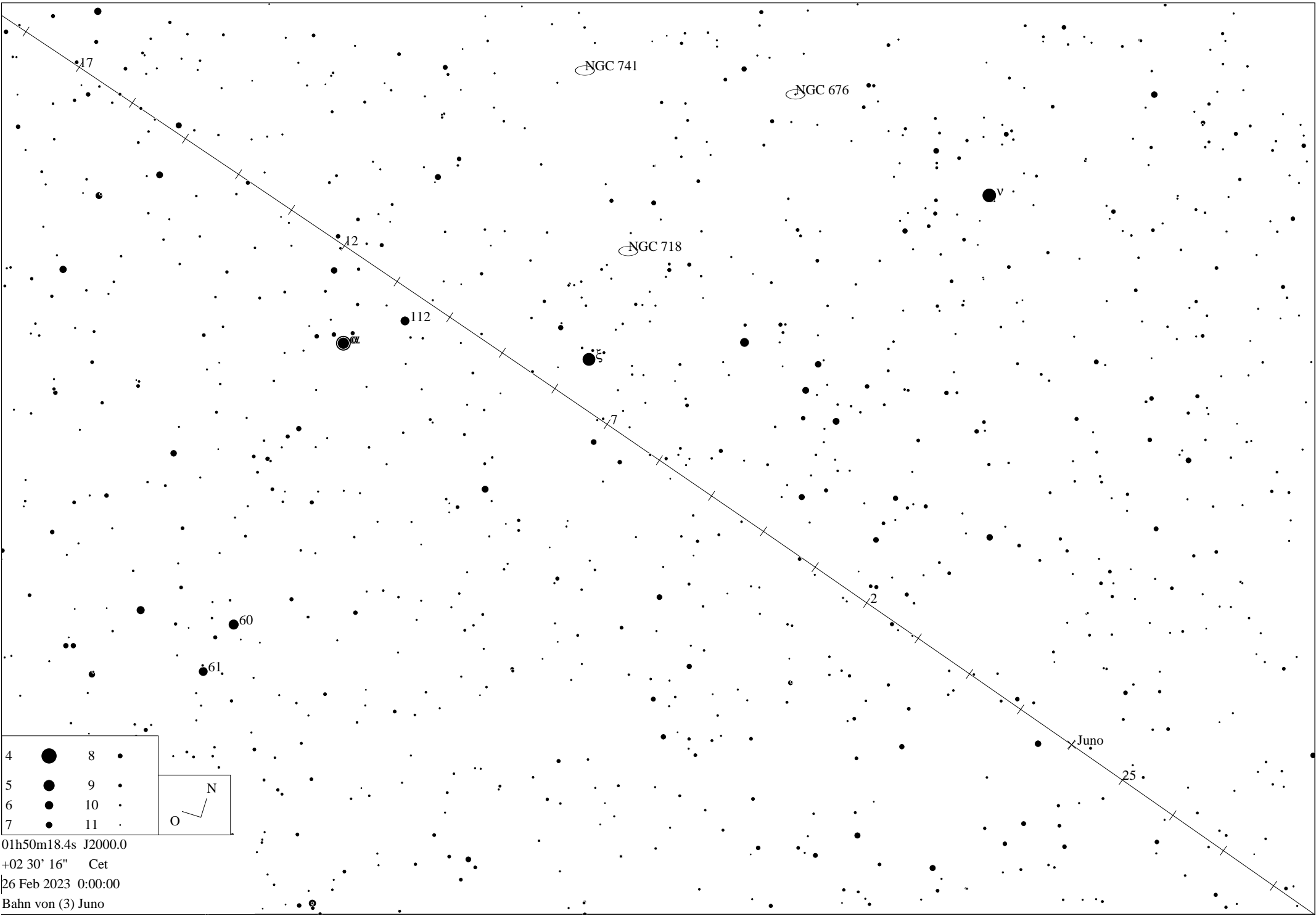




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7	●	11	●



01h13m31.0s J2000.0
 -00 50' 12" Cet
 8 Feb 2023 0:00:00
 Bahn von (3) Juno



01h50m18.4s J2000.0
 +02 30' 16" Cet
 26 Feb 2023 0:00:00
 Bahn von (3) Juno

NGC 824

X1 Juno

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

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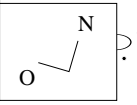
22

NGC 864

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02h26m36.8s J2000.0

+05 56' 21" Cet

1 Apr 2023 0:00:00

Bahn von (3) Juno

Ephemeride des Kleinplaneten (3) Juno

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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15 Jun 2022	22h58m58.52s	+00 55' 22.6"	2.5549	2.2198	10.1	97.2	23.2	14.26	107.11	32.76	71.1	Psc
16 Jun 2022	22h59m48.23s	+00 59' 34.0"	2.5521	2.2047	10.1	98.0	23.2	14.78	107.72	32.18	71.2	Psc
17 Jun 2022	23h00m37.11s	+01 03' 38.9"	2.5493	2.1895	10.1	98.7	23.2	15.29	108.33	31.58	71.4	Psc
18 Jun 2022	23h01m25.14s	+01 07' 37.0"	2.5466	2.1744	10.1	99.4	23.2	15.80	108.95	30.98	71.6	Psc
19 Jun 2022	23h02m12.31s	+01 11' 28.2"	2.5438	2.1593	10.1	100.2	23.1	16.32	109.58	30.36	71.8	Psc
20 Jun 2022	23h02m58.60s	+01 15' 12.3"	2.5410	2.1442	10.1	100.9	23.1	16.83	110.22	29.73	72.0	Psc
21 Jun 2022	23h03m44.00s	+01 18' 49.1"	2.5382	2.1292	10.0	101.7	23.1	17.34	110.86	29.08	72.2	Psc
22 Jun 2022	23h04m28.47s	+01 22' 18.4"	2.5354	2.1142	10.0	102.4	23.0	17.84	111.51	28.43	72.5	Psc
23 Jun 2022	23h05m12.02s	+01 25' 40.1"	2.5326	2.0993	10.0	103.2	23.0	18.35	112.17	27.76	72.7	Psc
24 Jun 2022	23h05m54.62s	+01 28' 53.8"	2.5298	2.0844	10.0	104.0	22.9	18.85	112.84	27.08	73.0	Psc
25 Jun 2022	23h06m36.26s	+01 31' 59.5"	2.5270	2.0696	10.0	104.7	22.9	19.36	113.52	26.39	73.3	Psc
26 Jun 2022	23h07m16.91s	+01 34' 56.9"	2.5242	2.0548	9.9	105.5	22.8	19.86	114.20	25.69	73.7	Psc
27 Jun 2022	23h07m56.57s	+01 37' 45.9"	2.5214	2.0400	9.9	106.3	22.8	20.36	114.90	24.97	74.0	Psc
28 Jun 2022	23h08m35.22s	+01 40' 26.1"	2.5186	2.0253	9.9	107.1	22.7	20.85	115.60	24.25	74.4	Psc
29 Jun 2022	23h09m12.83s	+01 42' 57.5"	2.5158	2.0107	9.9	107.8	22.6	21.35	116.32	23.51	74.9	Psc
30 Jun 2022	23h09m49.40s	+01 45' 19.9"	2.5130	1.9961	9.9	108.6	22.5	21.84	117.04	22.77	75.4	Psc
1 Jul 2022	23h10m24.91s	+01 47' 32.9"	2.5102	1.9816	9.8	109.4	22.5	22.33	117.77	22.01	75.9	Psc
2 Jul 2022	23h10m59.34s	+01 49' 36.5"	2.5074	1.9672	9.8	110.2	22.4	22.82	118.52	21.25	76.5	Psc
3 Jul 2022	23h11m32.69s	+01 51' 30.5"	2.5046	1.9528	9.8	111.0	22.3	23.30	119.27	20.48	77.2	Psc
4 Jul 2022	23h12m04.92s	+01 53' 14.6"	2.5018	1.9385	9.8	111.9	22.2	23.78	120.04	19.70	77.9	Psc
5 Jul 2022	23h12m36.04s	+01 54' 48.6"	2.4990	1.9243	9.8	112.7	22.0	24.26	120.82	18.91	78.7	Psc
6 Jul 2022	23h13m06.02s	+01 56' 12.4"	2.4962	1.9101	9.7	113.5	21.9	24.73	121.61	18.12	79.5	Psc
7 Jul 2022	23h13m34.86s	+01 57' 25.8"	2.4934	1.8961	9.7	114.3	21.8	25.20	122.41	17.32	80.5	Psc
8 Jul 2022	23h14m02.53s	+01 58' 28.6"	2.4906	1.8821	9.7	115.2	21.7	25.67	123.22	16.51	81.6	Psc
9 Jul 2022	23h14m29.02s	+01 59' 20.6"	2.4878	1.8682	9.7	116.0	21.5	26.13	124.05	15.71	82.9	Psc
10 Jul 2022	23h14m54.33s	+02 00' 01.6"	2.4850	1.8544	9.6	116.9	21.4	26.59	124.89	14.90	84.3	Psc
11 Jul 2022	23h15m18.43s	+02 00' 31.4"	2.4822	1.8407	9.6	117.7	21.3	27.04	125.74	14.09	85.9	Psc
12 Jul 2022	23h15m41.31s	+02 00' 49.9"	2.4794	1.8270	9.6	118.6	21.1	27.49	126.60	13.29	87.7	Psc
13 Jul 2022	23h16m02.96s	+02 00' 56.9"	2.4766	1.8135	9.6	119.4	20.9	27.93	127.48	12.49	89.8	Psc
14 Jul 2022	23h16m23.35s	+02 00' 52.1"	2.4738	1.8001	9.5	120.3	20.8	28.37	128.37	11.70	92.2	Psc
15 Jul 2022	23h16m42.48s	+02 00' 35.4"	2.4710	1.7868	9.5	121.2	20.6	28.80	129.28	10.93	94.9	Psc
16 Jul 2022	23h17m00.33s	+02 00' 06.5"	2.4682	1.7736	9.5	122.1	20.4	29.22	130.20	10.17	98.2	Psc
17 Jul 2022	23h17m16.87s	+01 59' 25.2"	2.4654	1.7604	9.5	122.9	20.2	29.64	131.14	9.44	102.1	Psc
18 Jul 2022	23h17m32.10s	+01 58' 31.4"	2.4626	1.7474	9.5	123.8	20.0	30.05	132.09	8.76	106.6	Psc
19 Jul 2022	23h17m45.99s	+01 57' 24.7"	2.4599	1.7346	9.4	124.7	19.8	30.46	133.05	8.13	112.0	Psc
20 Jul 2022	23h17m58.53s	+01 56' 05.0"	2.4571	1.7218	9.4	125.7	19.6	30.85	134.03	7.58	118.3	Psc
21 Jul 2022	23h18m09.70s	+01 54' 32.1"	2.4543	1.7091	9.4	126.6	19.4	31.24	135.03	7.14	125.5	Psc
22 Jul 2022	23h18m19.50s	+01 52' 45.8"	2.4515	1.6966	9.3	127.5	19.2	31.63	136.04	6.82	133.7	Psc
23 Jul 2022	23h18m27.90s	+01 50' 45.8"	2.4487	1.6842	9.3	128.4	19.0	32.00	137.07	6.65	142.6	Psc
24 Jul 2022	23h18m34.89s	+01 48' 32.0"	2.4459	1.6720	9.3	129.4	18.7	32.36	138.12	6.66	151.7	Psc
25 Jul 2022	23h18m40.47s	+01 46' 04.2"	2.4431	1.6598	9.3	130.3	18.5	32.72	139.18	6.83	160.8	Psc
26 Jul 2022	23h18m44.62s	+01 43' 22.2"	2.4403	1.6478	9.2	131.3	18.2	33.06	140.26	7.18	169.2	Psc
27 Jul 2022	23h18m47.34s	+01 40' 25.8"	2.4375	1.6360	9.2	132.2	18.0	33.40	141.35	7.66	176.7	Psc
28 Jul 2022	23h18m48.62s	+01 37' 15.0"	2.4347	1.6243	9.2	133.2	17.7	33.72	142.47	8.27	183.3	Psc
29 Jul 2022	23h18m48.45s	+01 33' 49.5"	2.4319	1.6128	9.2	134.2	17.4	34.03	143.59	8.98	188.9	Psc
30 Jul 2022	23h18m46.83s	+01 30' 09.3"	2.4292	1.6014	9.1	135.2	17.1	34.33	144.74	9.77	193.7	Psc
31 Jul 2022	23h18m43.76s	+01 26' 14.1"	2.4264	1.5901	9.1	136.1	16.9	34.62	145.90	10.62	197.7	Psc
1 Aug 2022	23h18m39.24s	+01 22' 04.0"	2.4236	1.5791	9.1	137.1	16.6	34.90	147.08	11.51	201.1	Psc
2 Aug 2022	23h18m33.26s	+01 17' 38.9"	2.4208	1.5682	9.1	138.1	16.2	35.16	148.27	12.45	204.0	Psc
3 Aug 2022	23h18m25.84s	+01 12' 58.6"	2.4180	1.5574	9.0	139.2	15.9	35.41	149.48	13.41	206.5	Psc
4 Aug 2022	23h18m16.96s	+01 08' 03.1"	2.4153	1.5469	9.0	140.2	15.6	35.65	150.71	14.40	208.6	Psc
5 Aug 2022	23h18m06.64s	+01 02' 52.4"	2.4125	1.5365	9.0	141.2	15.3	35.87	151.95	15.40	210.5	Psc
6 Aug 2022	23h17m54.89s	+00 57' 26.5"	2.4097	1.5263	8.9	142.2	14.9	36.08	153.21	16.41	212.1	Psc
7 Aug 2022	23h17m41.71s	+00 51' 45.3"	2.4069	1.5163	8.9	143.3	14.6	36.27	154.48	17.43	213.5	Psc
8 Aug 2022	23h17m27.11s	+00 45' 48.8"	2.4042	1.5064	8.9	144.3	14.2	36.45	155.77	18.46	214.7	Psc
9 Aug 2022	23h17m11.10s	+00 39' 37.2"	2.4014	1.4968	8.9	145.4	13.9	36.60	157.07	19.49	215.8	Psc
10 Aug 2022	23h16m53.70s	+00 33' 10.4"	2.3986	1.4874	8.8	146.5	13.5	36.75	158.38	20.52	216.7	Psc
11 Aug 2022	23h16m34.90s	+00 26' 28.4"	2.3959	1.4781	8.8	147.5	13.1	36.87	159.71	21.55	217.6	Psc
12 Aug 2022	23h16m14.73s	+00 19' 31.3"	2.3931	1.4691	8.8	148.6	12.7	36.98	161.05	22.57	218.4	Psc
13 Aug 2022	23h15m53.20s	+00 12' 19.3"	2.3903	1.4602	8.7	149.7	12.4	37.07	162.40	23.60	219.0	Psc
14 Aug 2022	23h15m30.32s	+00 04' 52.2"	2.3876	1.4516	8.7	150.8	12.0	37.14	163.76	24.61	219.7	Psc
15 Aug 2022	23h15m06.11s	-00 02' 49.5"	2.3848	1.4432	8.7	151.9	11.5	37.20	165.13	25.62	220.2	Psc
16 Aug 2022	23h14m40.58s	-00 10' 46.1"	2.3821	1.4350	8.6	153.0	11.1	37.23	166.51	26.62	220.7	Psc
17 Aug 2022	23h14m13.77s	-00 18' 57.2"	2.3793	1.4270	8.6	154.1	10.7	37.24	167.90	27.60	221.2	Psc
18 Aug 2022	23h13m45.68s	-00 27' 22.8"	2.3766	1.4192	8.6	155.2	10.3	37.24	169.30	28.57	221.6	Psc
19 Aug 2022	23h13m16.36s	-00 36' 02.5"	2.3738	1.4116	8.5	156.4	9.8	37.21	170.70	29.52	221.9	Psc
20 Aug 2022	23h12m45.83s	-00 44' 56.2"	2.3711	1.4043	8.5	157.5	9.4	37.17	172.11	30.45	222.3	Psc
21 Aug 2022	23h12m14.12s	-00 54' 03.6"	2.3683	1.3972	8.5	158.6	9.0	37.10	173.52	31.36	222.5	Psc
22 Aug 2022	23h11m41.27s	-01 03' 24.4"	2.3656	1.3904	8.5	159.8	8.5	37.02	174.93	32.24	222.8	Psc
23 Aug 2022	23h11m07.33s	-01 12' 58.3"	2.3629	1.3838	8.4	160.9	8.0	36.91	176.35	33.09	223.0	Psc
24 Aug 2022	23h10m32.32s	-01 22' 44.9"	2.3601	1.3774	8.4	162.1	7.6	36.78	177.77	33.92	223.2	Psc
25 Aug 2022	23h09m56.29s	-01 32' 43.9"	2.3574	1.3713	8.4	163.2	7.1	36.64	179.19	34.71	223.4	Psc
26 Aug 2022	23h09m19.30s	-01 42' 54.8"	2.3547	1.3654	8.3	164.4	6.6	36.47	180.61	35.47	223.6	Psc
27 Aug 2022	23h08m41.38s	-01 53' 17.2"	2.3519	1.3597	8.3	165.6	6.1	36.28	182.03	36.19	223.7	Psc

Ephemeride des Kleinplaneten (3) Juno

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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28 Aug 2022	23h08m02.60s	-02 03' 50.5"	2.3492	1.3544	8.2	166.7	5.7	36.07	183.44	36.87	223.8	Psc
29 Aug 2022	23h07m23.01s	-02 14' 34.4"	2.3465	1.3492	8.2	167.9	5.2	35.84	184.85	37.52	223.9	Psc
30 Aug 2022	23h06m42.67s	-02 25' 28.3"	2.3438	1.3444	8.2	169.1	4.7	35.59	186.25	38.12	224.0	Psc
31 Aug 2022	23h06m01.63s	-02 36' 31.5"	2.3411	1.3397	8.1	170.3	4.2	35.32	187.65	38.67	224.0	Psc
1 Sep 2022	23h05m19.95s	-02 47' 43.6"	2.3384	1.3354	8.1	171.4	3.7	35.03	189.04	39.18	224.0	Psc
2 Sep 2022	23h04m37.70s	-02 59' 03.9"	2.3357	1.3313	8.1	172.6	3.2	34.72	190.42	39.65	224.0	Psc
3 Sep 2022	23h03m54.94s	-03 10' 31.8"	2.3330	1.3275	8.0	173.8	2.7	34.39	191.80	40.07	224.0	Psc
4 Sep 2022	23h03m11.74s	-03 22' 06.6"	2.3303	1.3239	8.0	174.9	2.2	34.05	193.16	40.43	224.0	Aqr
5 Sep 2022	23h02m28.16s	-03 33' 47.8"	2.3276	1.3206	7.9	176.0	1.7	33.68	194.51	40.75	224.0	Aqr
6 Sep 2022	23h01m44.27s	-03 45' 34.6"	2.3249	1.3176	7.9	176.9	1.3	33.30	195.85	41.02	223.9	Aqr
7 Sep 2022	23h01m00.12s	-03 57' 26.3"	2.3222	1.3148	7.9	177.7	1.0	32.90	197.18	41.25	223.9	Aqr
8 Sep 2022	23h00m15.80s	-04 09' 22.4"	2.3195	1.3123	7.8	177.9	0.9	32.48	198.50	41.42	223.8	Aqr
9 Sep 2022	22h59m31.35s	-04 21' 22.1"	2.3169	1.3100	7.9	177.5	1.1	32.05	199.81	41.54	223.7	Aqr
10 Sep 2022	22h58m46.85s	-04 33' 24.8"	2.3142	1.3080	7.9	176.6	1.5	31.60	201.10	41.61	223.6	Aqr
11 Sep 2022	22h58m02.36s	-04 45' 29.7"	2.3115	1.3063	7.9	175.6	1.9	31.14	202.37	41.64	223.5	Aqr
12 Sep 2022	22h57m17.95s	-04 57' 36.3"	2.3089	1.3049	7.9	174.5	2.4	30.66	203.64	41.61	223.4	Aqr
13 Sep 2022	22h56m33.69s	-05 09' 43.7"	2.3062	1.3037	8.0	173.3	2.9	30.17	204.88	41.54	223.2	Aqr
14 Sep 2022	22h55m49.64s	-05 21' 51.4"	2.3035	1.3027	8.0	172.2	3.4	29.66	206.12	41.41	223.0	Aqr
15 Sep 2022	22h55m05.87s	-05 33' 58.5"	2.3009	1.3021	8.0	171.0	3.9	29.14	207.33	41.24	222.9	Aqr
16 Sep 2022	22h54m22.45s	-05 46' 04.5"	2.2982	1.3017	8.1	169.8	4.4	28.61	208.53	41.01	222.7	Aqr
17 Sep 2022	22h53m39.45s	-05 58' 08.6"	2.2956	1.3015	8.1	168.6	5.0	28.07	209.72	40.73	222.4	Aqr
18 Sep 2022	22h52m56.94s	-06 10' 10.1"	2.2930	1.3016	8.1	167.4	5.5	27.52	210.89	40.40	222.2	Aqr
19 Sep 2022	22h52m14.99s	-06 22' 08.3"	2.2903	1.3020	8.1	166.2	6.0	26.96	212.05	40.02	221.9	Aqr
20 Sep 2022	22h51m33.68s	-06 34' 02.4"	2.2877	1.3027	8.1	165.0	6.5	26.39	213.19	39.59	221.6	Aqr
21 Sep 2022	22h50m53.05s	-06 45' 51.9"	2.2851	1.3035	8.2	163.8	7.0	25.81	214.31	39.11	221.3	Aqr
22 Sep 2022	22h50m13.20s	-06 57' 36.0"	2.2825	1.3047	8.2	162.6	7.6	25.22	215.42	38.58	221.0	Aqr
23 Sep 2022	22h49m34.18s	-07 09' 14.0"	2.2799	1.3061	8.2	161.4	8.1	24.62	216.51	38.01	220.6	Aqr
24 Sep 2022	22h48m56.06s	-07 20' 45.3"	2.2773	1.3077	8.2	160.2	8.6	24.02	217.58	37.39	220.2	Aqr
25 Sep 2022	22h48m18.91s	-07 32' 09.3"	2.2747	1.3096	8.3	159.0	9.1	23.41	218.65	36.73	219.8	Aqr
26 Sep 2022	22h47m42.78s	-07 43' 25.3"	2.2721	1.3117	8.3	157.8	9.6	22.79	219.69	36.02	219.3	Aqr
27 Sep 2022	22h47m07.75s	-07 54' 32.8"	2.2695	1.3141	8.3	156.6	10.1	22.17	220.72	35.28	218.8	Aqr
28 Sep 2022	22h46m33.86s	-08 05' 31.0"	2.2669	1.3167	8.3	155.4	10.6	21.55	221.74	34.49	218.2	Aqr
29 Sep 2022	22h46m01.19s	-08 16' 19.5"	2.2643	1.3195	8.3	154.3	11.1	20.92	222.74	33.68	217.6	Aqr
30 Sep 2022	22h45m29.77s	-08 26' 57.8"	2.2617	1.3226	8.4	153.1	11.6	20.29	223.73	32.83	216.9	Aqr
1 Okt 2022	22h44m59.67s	-08 37' 25.2"	2.2592	1.3259	8.4	151.9	12.0	19.65	224.70	31.94	216.2	Aqr
2 Okt 2022	22h44m30.93s	-08 47' 41.5"	2.2566	1.3294	8.4	150.8	12.5	19.02	225.66	31.04	215.4	Aqr
3 Okt 2022	22h44m03.59s	-08 57' 46.0"	2.2541	1.3331	8.4	149.6	13.0	18.38	226.60	30.11	214.5	Aqr
4 Okt 2022	22h43m37.71s	-09 07' 38.4"	2.2515	1.3371	8.5	148.5	13.4	17.74	227.53	29.16	213.6	Aqr
5 Okt 2022	22h43m13.31s	-09 17' 18.3"	2.2490	1.3412	8.5	147.3	13.9	17.10	228.45	28.19	212.6	Aqr
6 Okt 2022	22h42m50.43s	-09 26' 45.4"	2.2464	1.3456	8.5	146.2	14.3	16.46	229.36	27.21	211.5	Aqr
7 Okt 2022	22h42m29.10s	-09 35' 59.4"	2.2439	1.3501	8.5	145.1	14.8	15.82	230.25	26.22	210.3	Aqr
8 Okt 2022	22h42m09.36s	-09 44' 59.9"	2.2414	1.3549	8.5	143.9	15.2	15.17	231.13	25.23	209.0	Aqr
9 Okt 2022	22h41m51.23s	-09 53' 46.7"	2.2389	1.3598	8.6	142.8	15.6	14.53	232.00	24.24	207.5	Aqr
10 Okt 2022	22h41m34.73s	-10 02' 19.5"	2.2364	1.3650	8.6	141.7	16.1	13.90	232.86	23.24	205.9	Aqr
11 Okt 2022	22h41m19.89s	-10 10' 38.2"	2.2339	1.3703	8.6	140.6	16.5	13.26	233.70	22.26	204.1	Aqr
12 Okt 2022	22h41m06.73s	-10 18' 42.4"	2.2314	1.3758	8.6	139.5	16.9	12.62	234.54	21.28	202.2	Aqr
13 Okt 2022	22h40m55.28s	-10 26' 32.1"	2.2289	1.3815	8.6	138.5	17.3	11.99	235.36	20.32	200.1	Aqr
14 Okt 2022	22h40m45.54s	-10 34' 07.0"	2.2264	1.3873	8.7	137.4	17.7	11.36	236.18	19.38	197.7	Aqr
15 Okt 2022	22h40m37.55s	-10 41' 27.0"	2.2239	1.3933	8.7	136.3	18.0	10.73	236.98	18.47	195.0	Aqr
16 Okt 2022	22h40m31.31s	-10 48' 31.9"	2.2215	1.3995	8.7	135.2	18.4	10.10	237.78	17.60	192.1	Aqr
17 Okt 2022	22h40m26.84s	-10 55' 21.7"	2.2190	1.4059	8.7	134.2	18.8	9.48	238.56	16.77	188.8	Aqr
18 Okt 2022	22h40m24.15s	-11 01' 56.1"	2.2166	1.4124	8.7	133.2	19.1	8.86	239.34	15.99	185.2	Aqr
19 Okt 2022	22h40m23.26s	-11 08' 15.1"	2.2141	1.4190	8.7	132.1	19.5	8.25	240.11	15.28	181.3	Aqr
20 Okt 2022	22h40m24.17s	-11 14' 18.6"	2.2117	1.4259	8.8	131.1	19.8	7.64	240.87	14.65	176.9	Aqr
21 Okt 2022	22h40m26.89s	-11 20' 06.6"	2.2093	1.4328	8.8	130.1	20.2	7.03	241.62	14.11	172.2	Aqr
22 Okt 2022	22h40m31.43s	-11 25' 38.9"	2.2068	1.4399	8.8	129.0	20.5	6.43	242.36	13.67	167.1	Aqr
23 Okt 2022	22h40m37.79s	-11 30' 55.6"	2.2044	1.4471	8.8	128.0	20.8	5.83	243.09	13.34	161.7	Aqr
24 Okt 2022	22h40m45.97s	-11 35' 56.6"	2.2020	1.4545	8.8	127.0	21.1	5.23	243.82	13.14	156.1	Aqr
25 Okt 2022	22h40m55.99s	-11 40' 41.9"	2.1996	1.4620	8.9	126.1	21.4	4.65	244.54	13.06	150.4	Aqr
26 Okt 2022	22h41m07.82s	-11 45' 11.6"	2.1972	1.4696	8.9	125.1	21.7	4.06	245.25	13.12	144.7	Aqr
27 Okt 2022	22h41m21.49s	-11 49' 25.5"	2.1948	1.4773	8.9	124.1	22.0	3.48	245.96	13.30	139.1	Aqr
28 Okt 2022	22h41m36.97s	-11 53' 23.9"	2.1925	1.4852	8.9	123.1	22.3	2.91	246.66	13.60	133.7	Aqr
29 Okt 2022	22h41m54.26s	-11 57' 06.6"	2.1901	1.4931	8.9	122.2	22.6	2.34	247.35	14.02	128.6	Aqr
30 Okt 2022	22h42m13.35s	-12 00' 33.8"	2.1878	1.5012	9.0	121.2	22.8	1.78	248.04	14.53	123.9	Aqr
31 Okt 2022	22h42m34.24s	-12 03' 45.6"	2.1854	1.5094	9.0	120.3	23.1	1.22	248.72	15.14	119.6	Aqr
1 Nov 2022	22h42m56.90s	-12 06' 42.1"	2.1831	1.5176	9.0	119.4	23.4	0.66	249.40	15.81	115.6	Aqr
2 Nov 2022	22h43m21.33s	-12 09' 23.3"	2.1807	1.5260	9.0	118.4	23.6	0.12	250.07	16.55	112.0	Aqr
3 Nov 2022	22h43m47.50s	-12 11' 49.4"	2.1784	1.5344	9.0	117.5	23.8	-0.42	250.73	17.34	108.7	Aqr
4 Nov 2022	22h44m15.41s	-12 14' 00.6"	2.1761	1.5430	9.0	116.6	24.1	-0.96	251.39	18.17	105.8	Aqr
5 Nov 2022	22h44m45.02s	-12 15' 56.8"	2.1738	1.5516	9.1	115.7	24.3	-1.49	252.05	19.03	103.2	Aqr
6 Nov 2022	22h45m16.33s	-12 17' 38.4"	2.1715	1.5603	9.1	114.8	24.5	-2.02	252.70	19.93	100.8	Aqr
7 Nov 2022	22h45m49.31s	-12 19' 05.4"	2.1692	1.5691	9.1	113.9	24.7	-2.54	253.35	20.84	98.6	Aqr
8 Nov 2022	22h46m23.95s	-12 20' 18.0"	2.1670	1.5779	9.1	113.0	24.9	-3.05	253.99	21.77	96.7	Aqr
9 Nov 2022	22h47m00.23s	-12 21' 16.2"	2.1647	1.5868	9.1	112.2	25.1	-3.56	254.63	22.71	94.9	Aqr

Ephemeride des Kleinplaneten (3) Juno

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10 Nov 2022	22h47m38.13s	-12 22' 00.4"	2.1624	1.5958	9.1	111.3	25.3	-4.06	255.27	23.66	93.3	Aqr
11 Nov 2022	22h48m17.62s	-12 22' 30.4"	2.1602	1.6049	9.1	110.4	25.4	-4.56	255.90	24.62	91.8	Aqr
12 Nov 2022	22h48m58.70s	-12 22' 46.6"	2.1580	1.6140	9.2	109.6	25.6	-5.05	256.53	25.58	90.4	Aqr
13 Nov 2022	22h49m41.35s	-12 22' 49.1"	2.1557	1.6231	9.2	108.8	25.8	-5.53	257.15	26.54	89.2	Aqr
14 Nov 2022	22h50m25.54s	-12 22' 37.9"	2.1535	1.6324	9.2	107.9	25.9	-6.01	257.78	27.51	88.0	Aqr
15 Nov 2022	22h51m11.26s	-12 22' 13.2"	2.1513	1.6416	9.2	107.1	26.1	-6.49	258.39	28.47	87.0	Aqr
16 Nov 2022	22h51m58.49s	-12 21' 35.2"	2.1491	1.6510	9.2	106.3	26.2	-6.96	259.01	29.43	86.0	Aqr
17 Nov 2022	22h52m47.21s	-12 20' 44.0"	2.1469	1.6603	9.2	105.4	26.4	-7.42	259.63	30.39	85.1	Aqr
18 Nov 2022	22h53m37.40s	-12 19' 39.7"	2.1447	1.6698	9.2	104.6	26.5	-7.88	260.24	31.34	84.3	Aqr
19 Nov 2022	22h54m29.05s	-12 18' 22.5"	2.1426	1.6792	9.3	103.8	26.6	-8.33	260.85	32.29	83.5	Aqr
20 Nov 2022	22h55m22.13s	-12 16' 52.4"	2.1404	1.6887	9.3	103.0	26.7	-8.77	261.45	33.23	82.7	Aqr
21 Nov 2022	22h56m16.64s	-12 15' 09.7"	2.1383	1.6983	9.3	102.2	26.8	-9.21	262.06	34.17	82.0	Aqr
22 Nov 2022	22h57m12.54s	-12 13' 14.4"	2.1362	1.7079	9.3	101.5	27.0	-9.65	262.66	35.10	81.4	Aqr
23 Nov 2022	22h58m09.82s	-12 11' 06.7"	2.1340	1.7175	9.3	100.7	27.1	-10.08	263.26	36.02	80.8	Aqr
24 Nov 2022	22h59m08.47s	-12 08' 46.8"	2.1319	1.7271	9.3	99.9	27.1	-10.50	263.86	36.93	80.2	Aqr
25 Nov 2022	23h00m08.46s	-12 06' 14.7"	2.1298	1.7368	9.3	99.1	27.2	-10.92	264.46	37.83	79.7	Aqr
26 Nov 2022	23h01m09.77s	-12 03' 30.7"	2.1277	1.7465	9.4	98.4	27.3	-11.33	265.05	38.73	79.2	Aqr
27 Nov 2022	23h02m17.37s	-12 00' 34.9"	2.1257	1.7562	9.4	97.6	27.4	-11.74	265.65	39.61	78.7	Aqr
28 Nov 2022	23h03m16.26s	-11 57' 27.5"	2.1236	1.7659	9.4	96.9	27.5	-12.14	266.24	40.48	78.3	Aqr
29 Nov 2022	23h04m21.40s	-11 54' 08.5"	2.1215	1.7756	9.4	96.1	27.5	-12.54	266.83	41.33	77.9	Aqr
30 Nov 2022	23h05m27.77s	-11 50' 38.3"	2.1195	1.7854	9.4	95.4	27.6	-12.93	267.43	42.18	77.5	Aqr
1 Dez 2022	23h06m35.35s	-11 46' 57.0"	2.1175	1.7951	9.4	94.7	27.7	-13.32	268.02	43.01	77.1	Aqr
2 Dez 2022	23h07m44.12s	-11 43' 04.7"	2.1154	1.8049	9.4	93.9	27.7	-13.70	268.61	43.83	76.7	Aqr
3 Dez 2022	23h08m54.04s	-11 39' 01.7"	2.1134	1.8147	9.4	93.2	27.8	-14.07	269.19	44.64	76.4	Aqr
4 Dez 2022	23h10m05.11s	-11 34' 48.0"	2.1114	1.8245	9.4	92.5	27.8	-14.44	269.78	45.43	76.1	Aqr
5 Dez 2022	23h11m17.30s	-11 30' 23.9"	2.1094	1.8343	9.5	91.8	27.8	-14.81	270.37	46.21	75.8	Aqr
6 Dez 2022	23h12m30.59s	-11 25' 49.4"	2.1075	1.8441	9.5	91.1	27.9	-15.17	270.96	46.98	75.5	Aqr
7 Dez 2022	23h13m44.96s	-11 21' 04.9"	2.1055	1.8539	9.5	90.4	27.9	-15.52	271.54	47.74	75.2	Aqr
8 Dez 2022	23h15m00.38s	-11 16' 10.3"	2.1036	1.8637	9.5	89.7	27.9	-15.87	272.13	48.49	74.9	Aqr
9 Dez 2022	23h16m16.85s	-11 11' 05.9"	2.1016	1.8735	9.5	89.0	27.9	-16.22	272.71	49.23	74.7	Aqr
10 Dez 2022	23h17m34.34s	-11 05' 51.8"	2.0997	1.8832	9.5	88.3	28.0	-16.56	273.30	49.95	74.4	Aqr
11 Dez 2022	23h18m52.84s	-11 00' 28.1"	2.0978	1.8930	9.5	87.7	28.0	-16.89	273.88	50.67	74.2	Aqr
12 Dez 2022	23h20m12.33s	-10 54' 55.1"	2.0959	1.9028	9.5	87.0	28.0	-17.22	274.47	51.38	73.9	Aqr
13 Dez 2022	23h21m32.79s	-10 49' 12.7"	2.0940	1.9126	9.5	86.3	28.0	-17.55	275.05	52.07	73.7	Aqr
14 Dez 2022	23h22m54.21s	-10 43' 21.1"	2.0921	1.9223	9.5	85.6	28.0	-17.87	275.64	52.76	73.5	Aqr
15 Dez 2022	23h24m16.57s	-10 37' 20.5"	2.0903	1.9321	9.6	85.0	28.0	-18.18	276.22	53.44	73.3	Aqr
16 Dez 2022	23h25m39.86s	-10 31' 11.0"	2.0884	1.9418	9.6	84.3	28.0	-18.50	276.81	54.11	73.1	Aqr
17 Dez 2022	23h27m04.06s	-10 24' 52.7"	2.0866	1.9515	9.6	83.7	28.0	-18.80	277.40	54.77	72.9	Aqr
18 Dez 2022	23h28m29.16s	-10 18' 25.8"	2.0848	1.9613	9.6	83.0	27.9	-19.10	277.98	55.42	72.8	Aqr
19 Dez 2022	23h29m55.15s	-10 11' 50.4"	2.0830	1.9710	9.6	82.4	27.9	-19.40	278.57	56.06	72.6	Aqr
20 Dez 2022	23h31m22.01s	-10 05' 06.5"	2.0812	1.9806	9.6	81.7	27.9	-19.69	279.15	56.69	72.4	Aqr
21 Dez 2022	23h32m49.72s	-09 58' 14.4"	2.0794	1.9903	9.6	81.1	27.9	-19.98	279.74	57.32	72.3	Aqr
22 Dez 2022	23h34m18.28s	-09 51' 14.1"	2.0776	2.0000	9.6	80.5	27.8	-20.26	280.33	57.93	72.1	Aqr
23 Dez 2022	23h35m47.67s	-09 44' 05.8"	2.0759	2.0096	9.6	79.8	27.8	-20.54	280.91	58.54	72.0	Aqr
24 Dez 2022	23h37m17.87s	-09 36' 49.6"	2.0741	2.0192	9.6	79.2	27.8	-20.81	281.50	59.14	71.8	Aqr
25 Dez 2022	23h38m48.88s	-09 29' 25.6"	2.0724	2.0287	9.6	78.6	27.7	-21.08	282.09	59.73	71.7	Aqr
26 Dez 2022	23h40m20.67s	-09 21' 54.1"	2.0707	2.0383	9.6	78.0	27.7	-21.34	282.68	60.30	71.6	Aqr
27 Dez 2022	23h41m53.23s	-09 14' 15.1"	2.0690	2.0478	9.6	77.4	27.6	-21.60	283.26	60.87	71.4	Aqr
28 Dez 2022	23h43m26.55s	-09 06' 28.8"	2.0673	2.0573	9.7	76.8	27.6	-21.86	283.85	61.43	71.3	Aqr
29 Dez 2022	23h45m00.60s	-08 58' 35.4"	2.0657	2.0668	9.7	76.2	27.5	-22.11	284.44	61.97	71.2	Aqr
30 Dez 2022	23h46m35.38s	-08 50' 35.0"	2.0640	2.0762	9.7	75.6	27.5	-22.35	285.03	62.51	71.1	Aqr
31 Dez 2022	23h48m10.88s	-08 42' 27.7"	2.0624	2.0856	9.7	75.0	27.4	-22.60	285.62	63.03	71.0	Aqr
1 Jan 2023	23h49m47.06s	-08 34' 13.8"	2.0607	2.0950	9.7	74.4	27.4	-22.83	286.21	63.55	70.9	Aqr
2 Jan 2023	23h51m23.93s	-08 25' 53.3"	2.0591	2.1043	9.7	73.8	27.3	-23.06	286.81	64.06	70.8	Aqr
3 Jan 2023	23h53m01.47s	-08 17' 26.4"	2.0575	2.1136	9.7	73.2	27.2	-23.29	287.40	64.55	70.7	Aqr
4 Jan 2023	23h54m39.67s	-08 08' 53.2"	2.0559	2.1229	9.7	72.6	27.2	-23.52	287.99	65.04	70.6	Aqr
5 Jan 2023	23h56m18.51s	-08 00' 13.9"	2.0544	2.1322	9.7	72.0	27.1	-23.74	288.58	65.52	70.5	Aqr
6 Jan 2023	23h57m57.99s	-07 51' 28.5"	2.0528	2.1414	9.7	71.5	27.0	-23.95	289.18	66.00	70.4	Cet
7 Jan 2023	23h59m38.09s	-07 42' 37.2"	2.0513	2.1505	9.7	70.9	26.9	-24.16	289.77	66.46	70.4	Cet
8 Jan 2023	00h01m18.81s	-07 33' 40.2"	2.0498	2.1597	9.7	70.3	26.9	-24.37	290.37	66.92	70.3	Cet
9 Jan 2023	00h03m00.14s	-07 24' 37.5"	2.0483	2.1688	9.7	69.8	26.8	-24.57	290.96	67.38	70.2	Cet
10 Jan 2023	00h04m42.06s	-07 15' 29.3"	2.0468	2.1778	9.7	69.2	26.7	-24.77	291.56	67.82	70.2	Cet
11 Jan 2023	00h06m24.57s	-07 06' 15.6"	2.0453	2.1869	9.7	68.6	26.6	-24.96	292.16	68.26	70.1	Cet
12 Jan 2023	00h08m07.66s	-06 56' 56.7"	2.0438	2.1958	9.7	68.1	26.5	-25.15	292.76	68.69	70.0	Cet
13 Jan 2023	00h09m51.32s	-06 47' 32.6"	2.0424	2.2048	9.7	67.5	26.4	-25.34	293.35	69.12	70.0	Cet
14 Jan 2023	00h11m35.55s	-06 38' 03.4"	2.0410	2.2137	9.7	67.0	26.3	-25.52	293.95	69.54	69.9	Cet
15 Jan 2023	00h13m20.34s	-06 28' 29.2"	2.0396	2.2226	9.8	66.4	26.2	-25.70	294.55	69.96	69.9	Cet
16 Jan 2023	00h15m05.68s	-06 18' 50.2"	2.0382	2.2314	9.8	65.9	26.1	-25.87	295.15	70.37	69.8	Cet
17 Jan 2023	00h16m51.57s	-06 09' 06.5"	2.0368	2.2402	9.8	65.4	26.0	-26.04	295.75	70.77	69.8	Psc
18 Jan 2023	00h18m37.99s	-05 59' 18.1"	2.0354	2.2490	9.8	64.8	25.9	-26.20	296.35	71.17	69.7	Psc
19 Jan 2023	00h20m24.95s	-05 49' 25.3"	2.0341	2.2577	9.8	64.3	25.8	-26.36	296.95	71.56	69.7	Psc
20 Jan 2023	00h22m12.44s	-05 39' 28.1"	2.0327	2.2664	9.8	63.8	25.7	-26.52	297.55	71.95	69.7	Psc
21 Jan 2023	00h24m00.44s	-05 29' 26.6"	2.0314	2.2750	9.8	63.2	25.6	-26.67	298.15	72.33	69.6	Psc
22 Jan 2023	00h25m48.95s	-05 19' 21.0"	2.0301	2.2836	9.8	62.7	25.5	-26.82	298.76	72.71	69.6	Psc

Ephemeride des Kleinplaneten (3) Juno

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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23 Jan 2023	00h27m37.97s	-05 09' 11.3"	2.0288	2.2921	9.8	62.2	25.4	-26.97	299.36	73.07	69.6	Cet
24 Jan 2023	00h29m27.49s	-04 58' 57.9"	2.0276	2.3006	9.8	61.6	25.3	-27.11	299.96	73.43	69.5	Cet
25 Jan 2023	00h31m17.49s	-04 48' 40.7"	2.0263	2.3091	9.8	61.1	25.2	-27.24	300.56	73.78	69.5	Cet
26 Jan 2023	00h33m07.97s	-04 38' 20.0"	2.0251	2.3175	9.8	60.6	25.1	-27.37	301.16	74.13	69.5	Cet
27 Jan 2023	00h34m58.92s	-04 27' 55.8"	2.0239	2.3258	9.8	60.1	24.9	-27.50	301.77	74.47	69.5	Cet
28 Jan 2023	00h36m50.33s	-04 17' 28.3"	2.0226	2.3341	9.8	59.6	24.8	-27.63	302.37	74.80	69.5	Cet
29 Jan 2023	00h38m42.20s	-04 06' 57.7"	2.0215	2.3424	9.8	59.1	24.7	-27.75	302.97	75.12	69.5	Cet
30 Jan 2023	00h40m34.51s	-03 56' 24.1"	2.0203	2.3506	9.8	58.6	24.6	-27.86	303.57	75.44	69.4	Cet
31 Jan 2023	00h42m27.27s	-03 45' 47.5"	2.0191	2.3588	9.8	58.1	24.5	-27.97	304.18	75.75	69.4	Cet
1 Feb 2023	00h44m20.46s	-03 35' 08.2"	2.0180	2.3669	9.8	57.6	24.3	-28.08	304.78	76.06	69.4	Cet
2 Feb 2023	00h46m14.07s	-03 24' 26.3"	2.0169	2.3750	9.8	57.1	24.2	-28.19	305.38	76.36	69.4	Cet
3 Feb 2023	00h48m08.12s	-03 13' 41.8"	2.0158	2.3830	9.8	56.6	24.1	-28.29	305.98	76.65	69.4	Cet
4 Feb 2023	00h50m02.58s	-03 02' 54.9"	2.0147	2.3910	9.8	56.1	24.0	-28.39	306.59	76.94	69.4	Cet
5 Feb 2023	00h51m57.46s	-02 52' 05.8"	2.0136	2.3990	9.8	55.6	23.8	-28.48	307.19	77.23	69.4	Cet
6 Feb 2023	00h53m52.74s	-02 41' 14.4"	2.0126	2.4068	9.8	55.1	23.7	-28.57	307.79	77.51	69.5	Cet
7 Feb 2023	00h55m48.44s	-02 30' 21.0"	2.0116	2.4147	9.8	54.6	23.6	-28.65	308.39	77.79	69.5	Cet
8 Feb 2023	00h57m44.54s	-02 19' 25.7"	2.0106	2.4225	9.8	54.1	23.4	-28.74	308.99	78.06	69.5	Cet
9 Feb 2023	00h59m41.03s	-02 08' 28.5"	2.0096	2.4302	9.8	53.7	23.3	-28.81	309.59	78.33	69.5	Cet
10 Feb 2023	01h01m37.93s	-01 57' 29.6"	2.0086	2.4379	9.8	53.2	23.2	-28.89	310.19	78.59	69.5	Cet
11 Feb 2023	01h03m35.21s	-01 46' 29.1"	2.0076	2.4456	9.8	52.7	23.0	-28.96	310.79	78.85	69.5	Cet
12 Feb 2023	01h05m32.89s	-01 35' 27.1"	2.0067	2.4532	9.8	52.2	22.9	-29.03	311.39	79.11	69.6	Cet
13 Feb 2023	01h07m30.96s	-01 24' 23.7"	2.0058	2.4608	9.8	51.8	22.7	-29.09	311.99	79.36	69.6	Cet
14 Feb 2023	01h09m29.42s	-01 13' 19.0"	2.0049	2.4683	9.8	51.3	22.6	-29.15	312.58	79.61	69.6	Cet
15 Feb 2023	01h11m28.26s	-01 02' 13.1"	2.0040	2.4758	9.8	50.8	22.5	-29.21	313.18	79.86	69.6	Cet
16 Feb 2023	01h13m27.49s	-00 51' 06.1"	2.0031	2.4832	9.8	50.4	22.3	-29.26	313.78	80.10	69.7	Cet
17 Feb 2023	01h15m27.10s	-00 39' 58.2"	2.0022	2.4906	9.8	49.9	22.2	-29.31	314.37	80.34	69.7	Cet
18 Feb 2023	01h17m27.08s	-00 28' 49.5"	2.0014	2.4979	9.8	49.4	22.0	-29.36	314.96	80.58	69.8	Cet
19 Feb 2023	01h19m27.44s	-00 17' 40.0"	2.0006	2.5052	9.8	49.0	21.9	-29.40	315.56	80.81	69.8	Cet
20 Feb 2023	01h21m28.17s	-00 06' 30.0"	1.9998	2.5124	9.8	48.5	21.7	-29.44	316.15	81.03	69.8	Cet
21 Feb 2023	01h23m29.27s	+00 04' 40.4"	1.9990	2.5196	9.8	48.1	21.6	-29.48	316.74	81.25	69.9	Cet
22 Feb 2023	01h25m30.73s	+00 15' 51.2"	1.9983	2.5267	9.8	47.6	21.4	-29.51	317.33	81.47	69.9	Cet
23 Feb 2023	01h27m32.55s	+00 27' 02.2"	1.9975	2.5338	9.8	47.2	21.3	-29.54	317.92	81.68	70.0	Cet
24 Feb 2023	01h29m34.73s	+00 38' 13.2"	1.9968	2.5408	9.8	46.7	21.1	-29.57	318.51	81.88	70.0	Cet
25 Feb 2023	01h31m37.25s	+00 49' 24.2"	1.9961	2.5478	9.8	46.3	21.0	-29.59	319.09	82.08	70.1	Cet
26 Feb 2023	01h33m40.12s	+01 00' 34.9"	1.9954	2.5547	9.8	45.8	20.8	-29.61	319.68	82.27	70.2	Cet
27 Feb 2023	01h35m43.32s	+01 11' 45.3"	1.9947	2.5616	9.8	45.4	20.7	-29.62	320.26	82.46	70.2	Cet
28 Feb 2023	01h37m46.87s	+01 22' 55.2"	1.9941	2.5684	9.8	44.9	20.5	-29.64	320.84	82.65	70.3	Cet
1 Mar 2023	01h39m50.75s	+01 34' 04.6"	1.9934	2.5752	9.8	44.5	20.4	-29.65	321.42	82.83	70.3	Cet
2 Mar 2023	01h41m54.95s	+01 45' 13.2"	1.9928	2.5819	9.8	44.1	20.2	-29.66	322.00	83.01	70.4	Cet
3 Mar 2023	01h43m59.49s	+01 56' 21.1"	1.9922	2.5886	9.8	43.6	20.1	-29.66	322.58	83.18	70.5	Cet
4 Mar 2023	01h46m04.35s	+02 07' 28.0"	1.9917	2.5952	9.8	43.2	19.9	-29.66	323.15	83.35	70.5	Cet
5 Mar 2023	01h48m09.53s	+02 18' 33.8"	1.9911	2.6018	9.8	42.8	19.8	-29.66	323.73	83.51	70.6	Cet
6 Mar 2023	01h50m15.03s	+02 29' 38.6"	1.9906	2.6084	9.8	42.3	19.6	-29.66	324.30	83.67	70.7	Cet
7 Mar 2023	01h52m20.85s	+02 40' 42.0"	1.9900	2.6149	9.8	41.9	19.4	-29.65	324.87	83.83	70.8	Psc
8 Mar 2023	01h54m26.99s	+02 51' 44.1"	1.9895	2.6213	9.8	41.5	19.3	-29.64	325.44	83.99	70.9	Psc
9 Mar 2023	01h56m33.45s	+03 02' 44.7"	1.9891	2.6277	9.8	41.1	19.1	-29.63	326.00	84.14	70.9	Psc
10 Mar 2023	01h58m40.22s	+03 13' 43.8"	1.9886	2.6340	9.8	40.6	19.0	-29.61	326.57	84.29	71.0	Psc
11 Mar 2023	02h00m47.30s	+03 24' 41.1"	1.9881	2.6403	9.8	40.2	18.8	-29.60	327.13	84.44	71.1	Psc
12 Mar 2023	02h02m54.69s	+03 35' 36.7"	1.9877	2.6466	9.8	39.8	18.7	-29.58	327.69	84.58	71.2	Psc
13 Mar 2023	02h05m02.40s	+03 46' 30.4"	1.9873	2.6528	9.8	39.4	18.5	-29.55	328.25	84.73	71.3	Psc
14 Mar 2023	02h07m10.42s	+03 57' 22.2"	1.9869	2.6590	9.8	39.0	18.3	-29.53	328.81	84.87	71.4	Cet
15 Mar 2023	02h09m18.75s	+04 08' 11.8"	1.9866	2.6651	9.8	38.5	18.2	-29.50	329.37	85.01	71.5	Cet
16 Mar 2023	02h11m27.40s	+04 18' 59.3"	1.9862	2.6712	9.8	38.1	18.0	-29.47	329.92	85.14	71.6	Cet
17 Mar 2023	02h13m36.35s	+04 29' 44.5"	1.9859	2.6772	9.8	37.7	17.8	-29.44	330.47	85.28	71.7	Cet
18 Mar 2023	02h15m45.60s	+04 40' 27.2"	1.9856	2.6832	9.8	37.3	17.7	-29.40	331.02	85.41	71.8	Cet
19 Mar 2023	02h17m55.17s	+04 51' 07.4"	1.9853	2.6891	9.8	36.9	17.5	-29.36	331.57	85.53	71.9	Cet
20 Mar 2023	02h20m05.04s	+05 01' 45.0"	1.9850	2.6950	9.8	36.5	17.4	-29.32	332.11	85.66	72.0	Cet
21 Mar 2023	02h22m15.20s	+05 12' 19.9"	1.9848	2.7008	9.8	36.1	17.2	-29.28	332.65	85.78	72.1	Cet
22 Mar 2023	02h24m25.67s	+05 22' 51.9"	1.9845	2.7066	9.8	35.7	17.0	-29.24	333.19	85.89	72.2	Cet
23 Mar 2023	02h26m36.43s	+05 33' 20.8"	1.9843	2.7123	9.8	35.3	16.9	-29.19	333.73	86.00	72.3	Cet
24 Mar 2023	02h28m47.48s	+05 43' 46.7"	1.9841	2.7180	9.8	34.9	16.7	-29.15	334.27	86.11	72.4	Cet
25 Mar 2023	02h30m58.81s	+05 54' 09.3"	1.9839	2.7237	9.8	34.5	16.5	-29.10	334.80	86.21	72.5	Cet
26 Mar 2023	02h33m10.43s	+06 04' 28.5"	1.9838	2.7293	9.8	34.1	16.4	-29.04	335.33	86.31	72.7	Cet
27 Mar 2023	02h35m22.32s	+06 14' 44.3"	1.9836	2.7348	9.8	33.7	16.2	-28.99	335.86	86.41	72.8	Cet
28 Mar 2023	02h37m34.49s	+06 24' 56.5"	1.9835	2.7403	9.8	33.3	16.0	-28.93	336.39	86.50	72.9	Cet
29 Mar 2023	02h39m46.93s	+06 35' 05.0"	1.9834	2.7458	9.8	32.9	15.9	-28.88	336.91	86.59	73.0	Cet
30 Mar 2023	02h41m59.64s	+06 45' 09.7"	1.9833	2.7512	9.8	32.5	15.7	-28.82	337.43	86.67	73.2	Cet
31 Mar 2023	02h44m12.61s	+06 55' 10.6"	1.9833	2.7565	9.8	32.1	15.5	-28.76	337.95	86.75	73.3	Cet
1 Apr 2023	02h46m25.84s	+07 05' 07.4"	1.9832	2.7618	9.8	31.7	15.4	-28.70	338.47	86.83	73.4	Cet