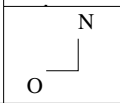
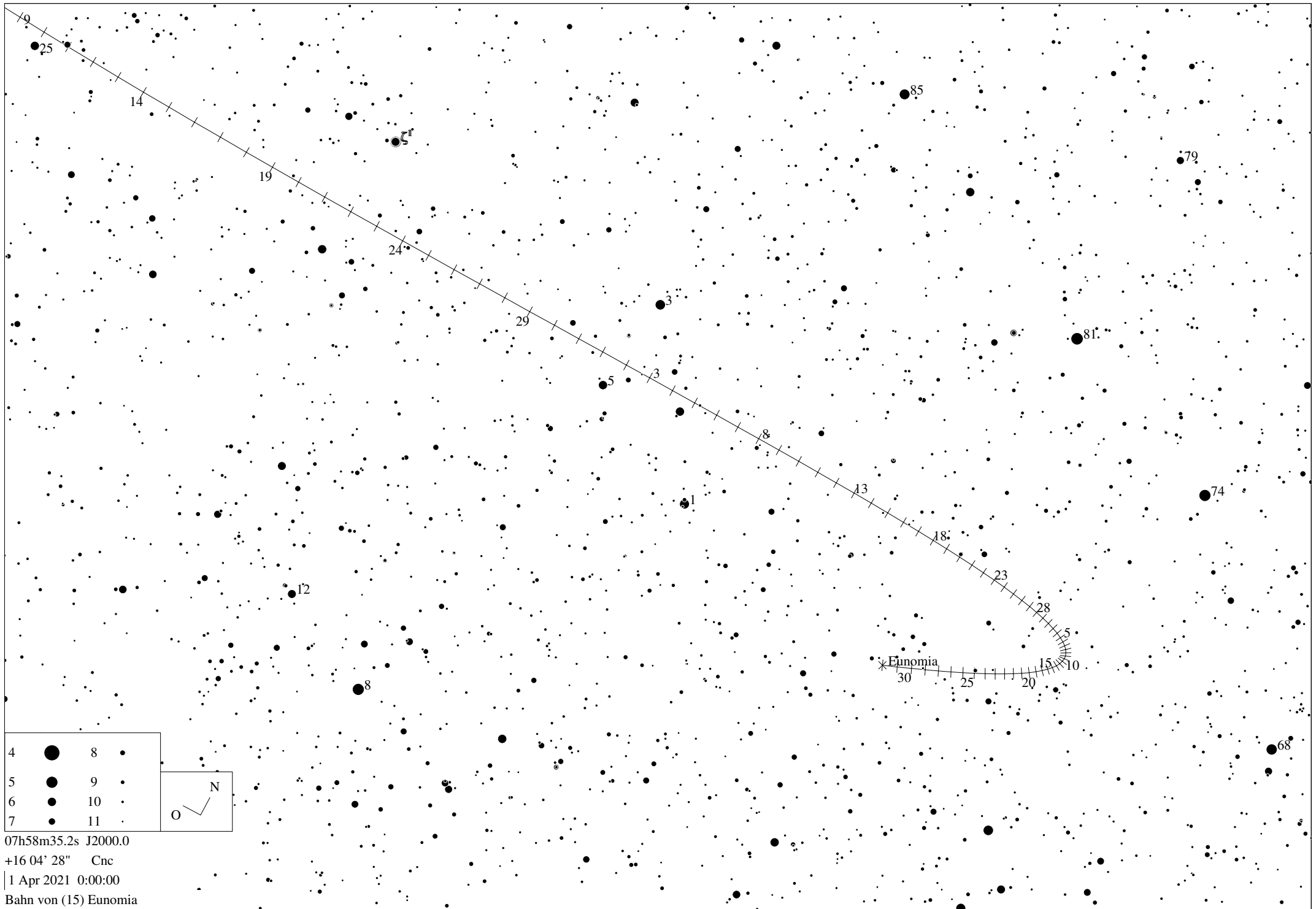


4	●	8	●
5	●	9	●
6	●	10	●
7	●	11	●



08h32m46.7s J2000.0
+19 15' 44" Cnc
31 Okt 2020 0:00:00
Bahn von (15) Eunomia



Ephemeride des Kleinplaneten (15) Eunomia

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
-----	--	-----	-	-----	---	-----	-----	-----	-----	-----	-----	-----
1 Okt 2020	07h57m19.19s	+24 45' 05.1"	2.3379	2.4529	10.1	71.6	24.0	15.94	70.12	52.47	106.4	Gem
2 Okt 2020	07h58m47.43s	+24 39' 02.2"	2.3396	2.4429	10.1	72.2	24.0	16.22	70.64	51.99	106.7	Gem
3 Okt 2020	08h00m14.69s	+24 32' 57.9"	2.3414	2.4327	10.1	72.8	24.1	16.50	71.16	51.51	106.9	Gem
4 Okt 2020	08h01m40.97s	+24 26' 52.3"	2.3431	2.4225	10.1	73.5	24.2	16.79	71.68	51.02	107.1	Cnc
5 Okt 2020	08h03m06.25s	+24 20' 45.5"	2.3449	2.4123	10.1	74.1	24.2	17.08	72.21	50.52	107.3	Cnc
6 Okt 2020	08h04m30.53s	+24 14' 37.6"	2.3467	2.4020	10.1	74.8	24.3	17.38	72.74	50.01	107.6	Cnc
7 Okt 2020	08h05m53.78s	+24 08' 28.7"	2.3485	2.3917	10.1	75.4	24.3	17.67	73.28	49.49	107.8	Cnc
8 Okt 2020	08h07m16.00s	+24 02' 19.0"	2.3502	2.3813	10.1	76.1	24.4	17.98	73.82	48.97	108.1	Cnc
9 Okt 2020	08h08m37.17s	+23 56' 08.5"	2.3520	2.3709	10.1	76.7	24.4	18.28	74.36	48.43	108.3	Cnc
10 Okt 2020	08h09m57.28s	+23 49' 57.4"	2.3538	2.3605	10.1	77.4	24.5	18.59	74.91	47.89	108.5	Cnc
11 Okt 2020	08h11m16.31s	+23 43' 45.7"	2.3556	2.3500	10.1	78.1	24.5	18.90	75.47	47.33	108.8	Cnc
12 Okt 2020	08h12m34.25s	+23 37' 33.7"	2.3574	2.3394	10.0	78.7	24.5	19.22	76.02	46.77	109.1	Cnc
13 Okt 2020	08h13m51.09s	+23 31' 21.3"	2.3592	2.3289	10.0	79.4	24.6	19.54	76.59	46.20	109.3	Cnc
14 Okt 2020	08h15m06.80s	+23 25' 08.8"	2.3610	2.3182	10.0	80.1	24.6	19.86	77.15	45.61	109.6	Cnc
15 Okt 2020	08h16m21.37s	+23 18' 56.3"	2.3628	2.3076	10.0	80.8	24.6	20.19	77.72	45.01	109.8	Cnc
16 Okt 2020	08h17m34.78s	+23 12' 43.7"	2.3646	2.2969	10.0	81.5	24.6	20.52	78.30	44.41	110.1	Cnc
17 Okt 2020	08h18m47.03s	+23 06' 31.4"	2.3664	2.2862	10.0	82.2	24.7	20.86	78.88	43.79	110.4	Cnc
18 Okt 2020	08h19m57.09s	+23 00' 19.4"	2.3682	2.2755	10.0	82.9	24.7	21.20	79.47	43.17	110.7	Cnc
19 Okt 2020	08h21m07.94s	+22 54' 07.8"	2.3701	2.2647	10.0	83.6	24.7	21.54	80.06	42.53	111.0	Cnc
20 Okt 2020	08h22m16.58s	+22 47' 56.7"	2.3719	2.2539	10.0	84.3	24.7	21.89	80.65	41.89	111.3	Cnc
21 Okt 2020	08h23m24.00s	+22 41' 46.2"	2.3737	2.2431	10.0	85.0	24.7	22.24	81.25	41.23	111.6	Cnc
22 Okt 2020	08h24m30.17s	+22 35' 36.5"	2.3756	2.2323	10.0	85.7	24.7	22.60	81.86	40.57	111.9	Cnc
23 Okt 2020	08h25m35.09s	+22 29' 27.6"	2.3774	2.2214	10.0	86.5	24.7	22.96	82.47	39.90	112.3	Cnc
24 Okt 2020	08h26m38.75s	+22 23' 19.8"	2.3793	2.2106	9.9	87.2	24.7	23.32	83.09	39.22	112.6	Cnc
25 Okt 2020	08h27m41.12s	+22 17' 12.9"	2.3811	2.1997	9.9	87.9	24.7	23.69	83.71	38.53	113.0	Cnc
26 Okt 2020	08h28m42.20s	+22 11' 07.3"	2.3830	2.1888	9.9	88.7	24.6	24.06	84.34	37.84	113.3	Cnc
27 Okt 2020	08h29m41.96s	+22 05' 02.9"	2.3848	2.1779	9.9	89.4	24.6	24.44	84.98	37.13	113.7	Cnc
28 Okt 2020	08h30m40.41s	+21 59' 00.0"	2.3867	2.1670	9.9	90.2	24.6	24.82	85.62	36.41	114.1	Cnc
29 Okt 2020	08h31m37.52s	+21 52' 58.6"	2.3885	2.1561	9.9	90.9	24.6	25.20	86.26	35.69	114.5	Cnc
30 Okt 2020	08h32m33.27s	+21 46' 58.7"	2.3904	2.1451	9.9	91.7	24.5	25.59	86.92	34.95	114.9	Cnc
31 Okt 2020	08h33m27.65s	+21 41' 00.6"	2.3923	2.1342	9.9	92.5	24.5	25.98	87.58	34.21	115.4	Cnc
1 Nov 2020	08h34m20.65s	+21 35' 04.4"	2.3942	2.1233	9.9	93.2	24.4	26.38	88.25	33.46	115.8	Cnc
2 Nov 2020	08h35m12.24s	+21 29' 10.1"	2.3960	2.1124	9.9	94.0	24.4	26.78	88.92	32.69	116.3	Cnc
3 Nov 2020	08h36m02.41s	+21 23' 17.8"	2.3979	2.1015	9.8	94.8	24.3	27.19	89.60	31.92	116.8	Cnc
4 Nov 2020	08h36m51.14s	+21 17' 27.7"	2.3998	2.0906	9.8	95.6	24.3	27.60	90.29	31.13	117.4	Cnc
5 Nov 2020	08h37m38.41s	+21 11' 39.9"	2.4017	2.0797	9.8	96.4	24.2	28.01	90.99	30.34	118.0	Cnc
6 Nov 2020	08h38m24.21s	+21 05' 54.5"	2.4036	2.0688	9.8	97.2	24.2	28.43	91.69	29.53	118.6	Cnc
7 Nov 2020	08h39m08.50s	+21 00' 11.6"	2.4055	2.0579	9.8	98.0	24.1	28.85	92.40	28.72	119.2	Cnc
8 Nov 2020	08h39m51.28s	+20 54' 31.2"	2.4074	2.0471	9.8	98.8	24.0	29.27	93.12	27.89	119.9	Cnc
9 Nov 2020	08h40m32.52s	+20 48' 53.7"	2.4093	2.0362	9.8	99.7	23.9	29.70	93.85	27.06	120.6	Cnc
10 Nov 2020	08h41m12.20s	+20 43' 18.9"	2.4112	2.0254	9.8	100.5	23.8	30.14	94.59	26.21	121.4	Cnc
11 Nov 2020	08h41m50.31s	+20 37' 47.1"	2.4131	2.0146	9.7	101.3	23.7	30.58	95.34	25.36	122.3	Cnc
12 Nov 2020	08h42m26.81s	+20 32' 18.4"	2.4150	2.0039	9.7	102.2	23.6	31.02	96.10	24.50	123.2	Cnc
13 Nov 2020	08h43m01.69s	+20 26' 52.8"	2.4169	1.9932	9.7	103.0	23.5	31.47	96.86	23.63	124.2	Cnc
14 Nov 2020	08h43m34.93s	+20 21' 30.5"	2.4188	1.9825	9.7	103.9	23.4	31.92	97.64	22.76	125.3	Cnc
15 Nov 2020	08h44m06.51s	+20 16' 11.6"	2.4207	1.9719	9.7	104.7	23.3	32.37	98.43	21.88	126.5	Cnc
16 Nov 2020	08h44m36.41s	+20 10' 56.1"	2.4227	1.9613	9.7	105.6	23.2	32.83	99.22	21.01	127.8	Cnc
17 Nov 2020	08h45m04.62s	+20 05' 44.2"	2.4246	1.9507	9.7	106.5	23.0	33.29	100.03	20.13	129.2	Cnc
18 Nov 2020	08h45m31.11s	+20 00' 36.0"	2.4265	1.9402	9.7	107.4	22.9	33.75	100.85	19.26	130.7	Cnc
19 Nov 2020	08h45m55.89s	+19 55' 31.5"	2.4284	1.9298	9.6	108.3	22.7	34.22	101.69	18.39	132.4	Cnc
20 Nov 2020	08h46m18.92s	+19 50' 30.8"	2.4304	1.9194	9.6	109.2	22.6	34.70	102.53	17.53	134.3	Cnc
21 Nov 2020	08h46m40.20s	+19 45' 34.0"	2.4323	1.9091	9.6	110.1	22.4	35.17	103.39	16.69	136.4	Cnc
22 Nov 2020	08h46m59.71s	+19 40' 41.2"	2.4342	1.8988	9.6	111.0	22.3	35.65	104.26	15.86	138.8	Cnc
23 Nov 2020	08h47m17.45s	+19 35' 52.4"	2.4362	1.8886	9.6	111.9	22.1	36.13	105.14	15.05	141.4	Cnc
24 Nov 2020	08h47m33.39s	+19 31' 07.7"	2.4381	1.8785	9.6	112.9	21.9	36.62	106.04	14.27	144.3	Cnc
25 Nov 2020	08h47m47.52s	+19 26' 27.2"	2.4401	1.8685	9.5	113.8	21.7	37.10	106.95	13.52	147.6	Cnc
26 Nov 2020	08h47m59.83s	+19 21' 50.9"	2.4420	1.8586	9.5	114.7	21.5	37.59	107.88	12.82	151.3	Cnc
27 Nov 2020	08h48m10.31s	+19 17' 18.9"	2.4439	1.8487	9.5	115.7	21.3	38.08	108.82	12.17	155.4	Cnc
28 Nov 2020	08h48m18.94s	+19 12' 51.3"	2.4459	1.8389	9.5	116.6	21.1	38.58	109.78	11.58	160.0	Cnc
29 Nov 2020	08h48m25.72s	+19 08' 28.0"	2.4479	1.8293	9.5	117.6	20.9	39.07	110.76	11.07	165.1	Cnc
30 Nov 2020	08h48m30.62s	+19 04' 09.3"	2.4498	1.8197	9.5	118.6	20.7	39.57	111.75	10.66	170.6	Cnc
1 Dez 2020	08h48m33.65s	+18 59' 55.1"	2.4518	1.8102	9.5	119.6	20.5	40.07	112.76	10.35	176.6	Cnc
2 Dez 2020	08h48m34.78s	+18 55' 45.4"	2.4537	1.8008	9.4	120.6	20.2	40.57	113.79	10.16	182.9	Cnc
3 Dez 2020	08h48m34.01s	+18 51' 40.3"	2.4557	1.7916	9.4	121.6	20.0	41.07	114.84	10.09	189.5	Cnc
4 Dez 2020	08h48m31.32s	+18 47' 39.9"	2.4576	1.7824	9.4	122.6	19.8	41.57	115.91	10.16	196.1	Cnc
5 Dez 2020	08h48m26.71s	+18 43' 44.1"	2.4596	1.7734	9.4	123.6	19.5	42.07	117.00	10.36	202.5	Cnc
6 Dez 2020	08h48m20.17s	+18 39' 53.1"	2.4616	1.7645	9.4	124.6	19.2	42.58	118.11	10.68	208.6	Cnc
7 Dez 2020	08h48m11.70s	+18 36' 06.8"	2.4635	1.7557	9.3	125.6	19.0	43.08	119.24	11.13	214.4	Cnc
8 Dez 2020	08h48m01.28s	+18 32' 25.3"	2.4655	1.7471	9.3	126.7	18.7	43.58	120.40	11.67	219.7	Cnc
9 Dez 2020	08h47m48.91s	+18 28' 48.6"	2.4675	1.7386	9.3	127.7	18.4	44.07	121.58	12.31	224.5	Cnc
10 Dez 2020	08h47m34.58s	+18 25' 16.7"	2.4695	1.7302	9.3	128.8	18.1	44.57	122.78	13.03	228.7	Cnc
11 Dez 2020	08h47m18.31s	+18 21' 49.6"	2.4714	1.7220	9.3	129.8	17.8	45.06	124.01	13.81	232.6	Cnc
12 Dez 2020	08h47m00.09s	+18 18' 27.4"	2.4734	1.7139	9.3	130.9	17.5	45.56	125.26	14.65	236.0	Cnc
13 Dez 2020	08h46m39.92s	+18 15' 09.9"	2.4754	1.7060	9.2	132.0	17.2	46.04	126.55	15.52	239.0	Cnc

Ephemeride des Kleinplaneten (15) Eunomia

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
-----	--	-----	-	-----	---	-----	-----	-----	-----	-----	-----	-----
14 Dez 2020	08h46m17.81s	+18 11' 57.3"	2.4774	1.6983	9.2	133.1	16.9	46.53	127.85	16.44	241.6	Cnc
15 Dez 2020	08h45m53.78s	+18 08' 49.4"	2.4793	1.6907	9.2	134.2	16.5	47.01	129.19	17.38	244.0	Cnc
16 Dez 2020	08h45m27.83s	+18 05' 46.2"	2.4813	1.6833	9.2	135.3	16.2	47.48	130.56	18.33	246.1	Cnc
17 Dez 2020	08h44m59.99s	+18 02' 47.8"	2.4833	1.6761	9.2	136.4	15.9	47.95	131.95	19.31	248.0	Cnc
18 Dez 2020	08h44m30.27s	+17 59' 53.9"	2.4853	1.6691	9.1	137.5	15.5	48.41	133.38	20.29	249.7	Cnc
19 Dez 2020	08h43m58.69s	+17 57' 04.7"	2.4873	1.6623	9.1	138.6	15.2	48.86	134.84	21.27	251.2	Cnc
20 Dez 2020	08h43m25.28s	+17 54' 20.0"	2.4893	1.6556	9.1	139.8	14.8	49.31	136.32	22.26	252.5	Cnc
21 Dez 2020	08h42m50.07s	+17 51' 39.7"	2.4913	1.6492	9.1	140.9	14.4	49.74	137.84	23.24	253.8	Cnc
22 Dez 2020	08h42m13.07s	+17 49' 03.8"	2.4932	1.6429	9.1	142.1	14.0	50.17	139.40	24.22	254.9	Cnc
23 Dez 2020	08h41m34.33s	+17 46' 32.2"	2.4952	1.6369	9.0	143.2	13.7	50.58	140.98	25.18	255.9	Cnc
24 Dez 2020	08h40m53.87s	+17 44' 04.8"	2.4972	1.6311	9.0	144.4	13.3	50.98	142.60	26.14	256.8	Cnc
25 Dez 2020	08h40m11.73s	+17 41' 41.6"	2.4992	1.6255	9.0	145.6	12.9	51.37	144.26	27.08	257.6	Cnc
26 Dez 2020	08h39m27.94s	+17 39' 22.3"	2.5012	1.6201	9.0	146.7	12.5	51.75	145.94	28.01	258.4	Cnc
27 Dez 2020	08h38m42.53s	+17 37' 07.0"	2.5032	1.6149	9.0	147.9	12.0	52.11	147.66	28.92	259.0	Cnc
28 Dez 2020	08h37m55.57s	+17 34' 55.5"	2.5052	1.6100	8.9	149.1	11.6	52.46	149.42	29.81	259.7	Cnc
29 Dez 2020	08h37m07.07s	+17 32' 47.7"	2.5072	1.6053	8.9	150.3	11.2	52.79	151.20	30.68	260.2	Cnc
30 Dez 2020	08h36m17.09s	+17 30' 43.6"	2.5092	1.6008	8.9	151.5	10.8	53.10	153.02	31.52	260.8	Cnc
31 Dez 2020	08h35m25.68s	+17 28' 43.0"	2.5112	1.5966	8.9	152.7	10.3	53.39	154.87	32.34	261.3	Cnc
1 Jan 2021	08h34m32.88s	+17 26' 45.7"	2.5132	1.5926	8.9	153.9	9.9	53.67	156.75	33.13	261.7	Cnc
2 Jan 2021	08h33m38.75s	+17 24' 51.8"	2.5152	1.5889	8.8	155.1	9.5	53.92	158.66	33.90	262.1	Cnc
3 Jan 2021	08h32m43.33s	+17 23' 01.0"	2.5172	1.5855	8.8	156.3	9.0	54.15	160.60	34.63	262.5	Cnc
4 Jan 2021	08h31m46.69s	+17 21' 13.3"	2.5192	1.5822	8.8	157.6	8.6	54.36	162.57	35.33	262.8	Cnc
5 Jan 2021	08h30m48.88s	+17 19' 28.6"	2.5212	1.5793	8.8	158.8	8.1	54.54	164.56	36.00	263.1	Cnc
6 Jan 2021	08h29m49.97s	+17 17' 46.6"	2.5232	1.5766	8.7	160.0	7.7	54.71	166.57	36.63	263.4	Cnc
7 Jan 2021	08h28m50.01s	+17 16' 07.4"	2.5252	1.5742	8.7	161.2	7.2	54.84	168.60	37.22	263.7	Cnc
8 Jan 2021	08h27m49.08s	+17 14' 30.7"	2.5272	1.5720	8.7	162.5	6.7	54.95	170.65	37.77	263.9	Cnc
9 Jan 2021	08h26m47.25s	+17 12' 56.5"	2.5292	1.5702	8.7	163.7	6.3	55.04	172.72	38.28	264.2	Cnc
10 Jan 2021	08h25m44.59s	+17 11' 24.6"	2.5312	1.5686	8.7	164.9	5.8	55.10	174.80	38.75	264.4	Cnc
11 Jan 2021	08h24m41.17s	+17 09' 54.9"	2.5332	1.5673	8.6	166.2	5.3	55.13	176.89	39.17	264.6	Cnc
12 Jan 2021	08h23m37.08s	+17 08' 27.2"	2.5352	1.5662	8.6	167.4	4.8	55.13	178.98	39.54	264.7	Cnc
13 Jan 2021	08h22m32.40s	+17 07' 01.5"	2.5372	1.5655	8.6	168.6	4.4	55.11	181.08	39.86	264.9	Cnc
14 Jan 2021	08h21m27.20s	+17 05' 37.6"	2.5392	1.5650	8.6	169.9	3.9	55.06	183.18	40.14	265.0	Cnc
15 Jan 2021	08h20m21.58s	+17 04' 15.2"	2.5412	1.5649	8.5	171.1	3.4	54.98	185.27	40.36	265.1	Cnc
16 Jan 2021	08h19m15.62s	+17 02' 54.5"	2.5432	1.5650	8.5	172.3	3.0	54.87	187.36	40.53	265.2	Cnc
17 Jan 2021	08h18m09.39s	+17 01' 35.0"	2.5452	1.5654	8.5	173.4	2.5	54.74	189.44	40.66	265.3	Cnc
18 Jan 2021	08h17m03.00s	+17 00' 16.9"	2.5473	1.5661	8.5	174.5	2.1	54.57	191.51	40.73	265.4	Cnc
19 Jan 2021	08h15m56.52s	+16 58' 59.9"	2.5493	1.5671	8.4	175.6	1.7	54.38	193.56	40.75	265.4	Cnc
20 Jan 2021	08h14m50.03s	+16 57' 43.9"	2.5513	1.5684	8.4	176.4	1.4	54.17	195.60	40.72	265.5	Cnc
21 Jan 2021	08h13m43.62s	+16 56' 28.7"	2.5533	1.5700	8.4	177.0	1.2	53.93	197.62	40.65	265.5	Cnc
22 Jan 2021	08h12m37.37s	+16 55' 14.4"	2.5553	1.5719	8.4	177.0	1.1	53.66	199.61	40.52	265.5	Cnc
23 Jan 2021	08h11m31.36s	+16 54' 00.8"	2.5573	1.5741	8.4	176.6	1.3	53.36	201.58	40.35	265.5	Cnc
24 Jan 2021	08h10m25.67s	+16 52' 47.7"	2.5593	1.5766	8.4	175.8	1.6	53.05	203.52	40.13	265.5	Cnc
25 Jan 2021	08h09m20.38s	+16 51' 35.2"	2.5613	1.5793	8.5	174.8	2.0	52.71	205.43	39.86	265.5	Cnc
26 Jan 2021	08h08m15.57s	+16 50' 23.1"	2.5633	1.5824	8.5	173.7	2.4	52.34	207.32	39.54	265.5	Cnc
27 Jan 2021	08h07m11.30s	+16 49' 11.3"	2.5653	1.5857	8.5	172.6	2.8	51.96	209.17	39.19	265.5	Cnc
28 Jan 2021	08h06m07.67s	+16 47' 59.7"	2.5673	1.5893	8.6	171.4	3.3	51.56	210.99	38.79	265.4	Cnc
29 Jan 2021	08h05m04.72s	+16 46' 48.3"	2.5693	1.5933	8.6	170.2	3.7	51.13	212.78	38.34	265.4	Cnc
30 Jan 2021	08h04m02.54s	+16 45' 37.1"	2.5713	1.5975	8.6	169.0	4.2	50.69	214.54	37.86	265.3	Cnc
31 Jan 2021	08h03m01.19s	+16 44' 25.9"	2.5733	1.6019	8.7	167.8	4.6	50.23	216.26	37.33	265.2	Cnc
1 Feb 2021	08h02m00.74s	+16 43' 14.7"	2.5753	1.6067	8.7	166.6	5.1	49.75	217.94	36.77	265.2	Cnc
2 Feb 2021	08h01m01.25s	+16 42' 03.5"	2.5773	1.6118	8.7	165.4	5.5	49.25	219.60	36.17	265.1	Cnc
3 Feb 2021	08h00m02.78s	+16 40' 52.2"	2.5793	1.6171	8.8	164.2	6.0	48.75	221.22	35.53	265.0	Cnc
4 Feb 2021	07h59m05.39s	+16 39' 40.8"	2.5813	1.6227	8.8	162.9	6.4	48.22	222.80	34.86	264.9	Cnc
5 Feb 2021	07h58m09.15s	+16 38' 29.2"	2.5833	1.6285	8.8	161.7	6.9	47.69	224.35	34.15	264.7	Cnc
6 Feb 2021	07h57m14.11s	+16 37' 17.3"	2.5854	1.6347	8.9	160.5	7.3	47.14	225.87	33.41	264.6	Cnc
7 Feb 2021	07h56m20.33s	+16 36' 05.2"	2.5874	1.6411	8.9	159.3	7.7	46.58	227.36	32.63	264.4	Cnc
8 Feb 2021	07h55m27.86s	+16 34' 52.9"	2.5894	1.6478	8.9	158.1	8.2	46.01	228.81	31.82	264.3	Gem
9 Feb 2021	07h54m36.75s	+16 33' 40.1"	2.5914	1.6547	8.9	156.9	8.6	45.43	230.23	30.98	264.1	Gem
10 Feb 2021	07h53m47.06s	+16 32' 27.0"	2.5934	1.6619	9.0	155.7	9.0	44.84	231.62	30.12	263.9	Gem
11 Feb 2021	07h52m58.83s	+16 31' 13.5"	2.5954	1.6693	9.0	154.5	9.4	44.25	232.98	29.22	263.6	Gem
12 Feb 2021	07h52m12.10s	+16 29' 59.5"	2.5973	1.6770	9.0	153.4	9.8	43.64	234.31	28.31	263.4	Gem
13 Feb 2021	07h51m26.92s	+16 28' 45.1"	2.5993	1.6850	9.1	152.2	10.2	43.03	235.62	27.37	263.1	Gem
14 Feb 2021	07h50m43.32s	+16 27' 30.0"	2.6013	1.6932	9.1	151.0	10.6	42.42	236.89	26.40	262.8	Gem
15 Feb 2021	07h50m01.34s	+16 26' 14.5"	2.6033	1.7016	9.1	149.8	11.0	41.80	238.14	25.42	262.5	Gem
16 Feb 2021	07h49m21.00s	+16 24' 58.3"	2.6053	1.7102	9.1	148.7	11.4	41.17	239.35	24.43	262.1	Gem
17 Feb 2021	07h48m42.34s	+16 23' 41.5"	2.6073	1.7191	9.2	147.5	11.7	40.54	240.55	23.42	261.7	Gem
18 Feb 2021	07h48m05.38s	+16 22' 24.0"	2.6093	1.7282	9.2	146.4	12.1	39.91	241.72	22.40	261.2	Gem
19 Feb 2021	07h47m30.13s	+16 21' 05.8"	2.6113	1.7376	9.2	145.2	12.5	39.27	242.86	21.37	260.7	Gem
20 Feb 2021	07h46m56.62s	+16 19' 46.8"	2.6133	1.7471	9.3	144.1	12.8	38.63	243.98	20.33	260.1	Gem
21 Feb 2021	07h46m24.86s	+16 18' 27.2"	2.6153	1.7569	9.3	143.0	13.2	37.99	245.08	19.28	259.5	Gem
22 Feb 2021	07h45m54.86s	+16 17' 06.7"	2.6173	1.7669	9.3	141.9	13.5	37.35	246.16	18.23	258.7	Gem
23 Feb 2021	07h45m26.64s	+16 15' 45.4"	2.6193	1.7770	9.3	140.8	13.8	36.71	247.21	17.18	257.9	Gem
24 Feb 2021	07h45m00.19s	+16 14' 23.3"	2.6213	1.7874	9.4	139.7	14.1	36.07	248.25	16.13	257.0	Gem
25 Feb 2021	07h44m35.53s	+16 13' 00.3"	2.6232	1.7980	9.4	138.6	14.5	35.42	249.26	15.09	255.9	Gem

Ephemeride des Kleinplaneten (15) Eunomia

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
-----	--	-----	-	-----	---	-----	-----	-----	-----	-----	-----	-----
26 Feb 2021	07h44m12.65s	+16 11' 36.4"	2.6252	1.8087	9.4	137.5	14.8	34.78	250.26	14.05	254.7	Gem
27 Feb 2021	07h43m51.56s	+16 10' 11.6"	2.6272	1.8197	9.4	136.4	15.1	34.13	251.24	13.02	253.3	Gem
28 Feb 2021	07h43m32.26s	+16 08' 45.8"	2.6292	1.8308	9.5	135.3	15.4	33.49	252.20	11.99	251.6	Gem
1 Mar 2021	07h43m14.74s	+16 07' 19.1"	2.6312	1.8421	9.5	134.3	15.6	32.85	253.14	10.99	249.6	Gem
2 Mar 2021	07h42m58.99s	+16 05' 51.4"	2.6332	1.8535	9.5	133.2	15.9	32.21	254.07	10.00	247.2	Gem
3 Mar 2021	07h42m45.02s	+16 04' 22.7"	2.6351	1.8652	9.5	132.2	16.2	31.57	254.98	9.03	244.3	Gem
4 Mar 2021	07h42m32.82s	+16 02' 52.9"	2.6371	1.8769	9.6	131.1	16.5	30.93	255.87	8.10	240.8	Gem
5 Mar 2021	07h42m22.38s	+16 01' 22.1"	2.6391	1.8889	9.6	130.1	16.7	30.30	256.75	7.21	236.3	Gem
6 Mar 2021	07h42m13.69s	+15 59' 50.2"	2.6411	1.9010	9.6	129.1	17.0	29.66	257.62	6.38	230.6	Gem
7 Mar 2021	07h42m06.76s	+15 58' 17.1"	2.6430	1.9133	9.6	128.0	17.2	29.03	258.47	5.63	223.4	Gem
8 Mar 2021	07h42m01.56s	+15 56' 42.8"	2.6450	1.9257	9.7	127.0	17.4	28.40	259.31	5.01	214.1	Gem
9 Mar 2021	07h41m58.10s	+15 55' 07.3"	2.6470	1.9382	9.7	126.0	17.7	27.77	260.14	4.55	202.7	Gem
10 Mar 2021	07h41m56.36s	+15 53' 30.5"	2.6489	1.9509	9.7	125.0	17.9	27.15	260.95	4.31	189.5	Gem
11 Mar 2021	07h41m56.33s	+15 51' 52.4"	2.6509	1.9637	9.7	124.0	18.1	26.53	261.76	4.32	175.7	Gem
12 Mar 2021	07h41m58.00s	+15 50' 12.9"	2.6529	1.9767	9.7	123.1	18.3	25.91	262.55	4.57	162.8	Gem
13 Mar 2021	07h42m01.36s	+15 48' 32.1"	2.6548	1.9898	9.8	122.1	18.5	25.29	263.33	5.02	151.8	Gem
14 Mar 2021	07h42m06.38s	+15 46' 49.7"	2.6568	2.0030	9.8	121.1	18.7	24.68	264.10	5.62	142.9	Gem
15 Mar 2021	07h42m13.06s	+15 45' 05.8"	2.6588	2.0163	9.8	120.2	18.9	24.07	264.86	6.32	136.0	Gem
16 Mar 2021	07h42m21.37s	+15 43' 20.4"	2.6607	2.0297	9.8	119.2	19.0	23.46	265.61	7.09	130.6	Gem
17 Mar 2021	07h42m31.29s	+15 41' 33.4"	2.6627	2.0432	9.9	118.3	19.2	22.86	266.35	7.89	126.4	Gem
18 Mar 2021	07h42m42.81s	+15 39' 44.6"	2.6646	2.0569	9.9	117.3	19.4	22.26	267.08	8.73	123.0	Gem
19 Mar 2021	07h42m55.91s	+15 37' 54.2"	2.6666	2.0706	9.9	116.4	19.5	21.66	267.80	9.58	120.2	Gem
20 Mar 2021	07h43m10.56s	+15 36' 02.0"	2.6685	2.0844	9.9	115.5	19.7	21.07	268.52	10.44	118.0	Gem
21 Mar 2021	07h43m26.74s	+15 34' 08.0"	2.6705	2.0984	9.9	114.5	19.8	20.47	269.22	11.30	116.1	Gem
22 Mar 2021	07h43m44.43s	+15 32' 12.1"	2.6724	2.1124	10.0	113.6	20.0	19.89	269.92	12.16	114.5	Gem
23 Mar 2021	07h44m03.61s	+15 30' 14.4"	2.6744	2.1265	10.0	112.7	20.1	19.30	270.61	13.02	113.2	Gem
24 Mar 2021	07h44m24.25s	+15 28' 14.7"	2.6763	2.1406	10.0	111.8	20.2	18.72	271.29	13.86	112.1	Gem
25 Mar 2021	07h44m46.34s	+15 26' 12.9"	2.6783	2.1549	10.0	110.9	20.4	18.15	271.97	14.71	111.1	Gem
26 Mar 2021	07h45m09.83s	+15 24' 09.2"	2.6802	2.1692	10.0	110.0	20.5	17.57	272.64	15.54	110.2	Gem
27 Mar 2021	07h45m34.72s	+15 22' 03.4"	2.6821	2.1836	10.1	109.2	20.6	17.00	273.30	16.36	109.5	Gem
28 Mar 2021	07h46m00.97s	+15 19' 55.5"	2.6841	2.1980	10.1	108.3	20.7	16.44	273.95	17.17	108.8	Gem
29 Mar 2021	07h46m28.56s	+15 17' 45.4"	2.6860	2.2126	10.1	107.4	20.8	15.87	274.60	17.97	108.3	Gem
30 Mar 2021	07h46m57.48s	+15 15' 33.2"	2.6879	2.2271	10.1	106.6	20.9	15.31	275.25	18.76	107.8	Gem
31 Mar 2021	07h47m27.69s	+15 13' 18.7"	2.6899	2.2418	10.1	105.7	20.9	14.76	275.89	19.54	107.3	Gem
1 Apr 2021	07h47m59.18s	+15 11' 01.9"	2.6918	2.2565	10.1	104.9	21.0	14.20	276.52	20.31	106.9	Gem