





Ephemeride des Kleinplaneten (18) Melpomene

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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1 Jan 2021	09h24m52.43s	+08 01' 37.1"	2.3291	1.4958	10.1	139.0	16.1	40.85	143.90	22.23	300.0	Leo
2 Jan 2021	09h24m21.91s	+08 06' 09.3"	2.3315	1.4898	10.1	140.2	15.7	41.31	145.22	23.47	299.8	Leo
3 Jan 2021	09h23m49.62s	+08 10' 54.5"	2.3339	1.4841	10.0	141.3	15.3	41.78	146.58	24.69	299.6	Leo
4 Jan 2021	09h23m15.57s	+08 15' 52.9"	2.3364	1.4785	10.0	142.5	14.9	42.23	147.95	25.89	299.5	Leo
5 Jan 2021	09h22m39.80s	+08 21' 04.2"	2.3388	1.4731	10.0	143.6	14.4	42.68	149.35	27.08	299.4	Leo
6 Jan 2021	09h22m02.33s	+08 26' 28.3"	2.3412	1.4679	10.0	144.8	14.0	43.11	150.78	28.25	299.3	Leo
7 Jan 2021	09h21m23.20s	+08 32' 05.0"	2.3436	1.4629	10.0	146.0	13.6	43.54	152.23	29.40	299.2	Cnc
8 Jan 2021	09h20m42.42s	+08 37' 54.3"	2.3460	1.4582	9.9	147.2	13.1	43.96	153.71	30.52	299.1	Cnc
9 Jan 2021	09h20m00.06s	+08 43' 55.8"	2.3484	1.4536	9.9	148.4	12.7	44.36	155.22	31.61	299.1	Cnc
10 Jan 2021	09h19m16.14s	+08 50' 09.5"	2.3508	1.4493	9.9	149.6	12.2	44.76	156.75	32.68	299.0	Cnc
11 Jan 2021	09h18m30.72s	+08 56' 34.9"	2.3532	1.4453	9.9	150.8	11.8	45.14	158.31	33.71	299.0	Cnc
12 Jan 2021	09h17m43.84s	+09 03' 11.9"	2.3556	1.4414	9.9	152.0	11.3	45.50	159.89	34.71	299.0	Cnc
13 Jan 2021	09h16m55.57s	+09 10' 00.2"	2.3580	1.4378	9.8	153.2	10.8	45.86	161.50	35.66	299.0	Cnc
14 Jan 2021	09h16m05.95s	+09 16' 59.4"	2.3604	1.4345	9.8	154.5	10.4	46.20	163.13	36.58	299.0	Cnc
15 Jan 2021	09h15m15.04s	+09 24' 09.1"	2.3628	1.4314	9.8	155.7	9.9	46.52	164.79	37.46	299.0	Cnc
16 Jan 2021	09h14m22.92s	+09 31' 29.0"	2.3651	1.4285	9.8	156.9	9.4	46.82	166.47	38.29	299.0	Cnc
17 Jan 2021	09h13m29.64s	+09 38' 58.7"	2.3675	1.4260	9.7	158.1	8.9	47.11	168.17	39.08	299.0	Cnc
18 Jan 2021	09h12m35.28s	+09 46' 37.7"	2.3699	1.4236	9.7	159.4	8.4	47.38	169.89	39.82	299.0	Cnc
19 Jan 2021	09h11m39.90s	+09 54' 25.7"	2.3723	1.4216	9.7	160.6	7.9	47.63	171.64	40.51	299.1	Cnc
20 Jan 2021	09h10m43.57s	+10 02' 22.1"	2.3746	1.4198	9.7	161.8	7.4	47.86	173.41	41.15	299.1	Cnc
21 Jan 2021	09h09m46.37s	+10 10' 26.6"	2.3770	1.4182	9.7	163.1	6.9	48.07	175.19	41.74	299.2	Cnc
22 Jan 2021	09h08m48.37s	+10 18' 38.5"	2.3793	1.4170	9.6	164.3	6.4	48.26	176.99	42.28	299.2	Cnc
23 Jan 2021	09h07m49.65s	+10 26' 57.5"	2.3817	1.4160	9.6	165.5	5.9	48.42	178.80	42.77	299.3	Cnc
24 Jan 2021	09h06m50.28s	+10 35' 23.0"	2.3840	1.4153	9.6	166.7	5.5	48.57	180.63	43.20	299.3	Cnc
25 Jan 2021	09h05m50.34s	+10 43' 54.4"	2.3864	1.4149	9.6	167.9	5.0	48.69	182.47	43.58	299.4	Cnc
26 Jan 2021	09h04m49.90s	+10 52' 31.4"	2.3887	1.4148	9.5	169.0	4.5	48.79	184.32	43.91	299.5	Cnc
27 Jan 2021	09h03m49.06s	+11 01' 13.3"	2.3910	1.4149	9.5	170.2	4.0	48.86	186.18	44.18	299.6	Cnc
28 Jan 2021	09h02m47.88s	+11 09' 59.6"	2.3934	1.4153	9.5	171.2	3.6	48.92	188.05	44.40	299.7	Cnc
29 Jan 2021	09h01m46.44s	+11 18' 49.8"	2.3957	1.4160	9.5	172.3	3.2	48.94	189.91	44.56	299.8	Cnc
30 Jan 2021	09h00m44.83s	+11 27' 43.4"	2.3980	1.4170	9.4	173.2	2.8	48.95	191.78	44.67	299.9	Cnc
31 Jan 2021	08h59m43.12s	+11 36' 39.8"	2.4003	1.4183	9.4	174.0	2.5	48.93	193.65	44.73	300.0	Cnc
1 Feb 2021	08h58m41.40s	+11 45' 38.5"	2.4026	1.4199	9.4	174.6	2.2	48.88	195.51	44.73	300.1	Cnc
2 Feb 2021	08h57m39.73s	+11 54' 39.0"	2.4049	1.4218	9.4	174.9	2.1	48.81	197.37	44.68	300.2	Cnc
3 Feb 2021	08h56m38.21s	+12 03' 40.7"	2.4072	1.4239	9.4	174.9	2.1	48.72	199.22	44.58	300.3	Cnc
4 Feb 2021	08h55m36.92s	+12 12' 43.1"	2.4095	1.4263	9.4	174.6	2.2	48.60	201.07	44.42	300.5	Cnc
5 Feb 2021	08h54m35.93s	+12 21' 45.7"	2.4118	1.4291	9.5	174.0	2.4	48.46	202.90	44.20	300.6	Cnc
6 Feb 2021	08h53m35.33s	+12 30' 48.0"	2.4141	1.4321	9.5	173.2	2.8	48.30	204.72	43.93	300.8	Cnc
7 Feb 2021	08h52m35.20s	+12 39' 49.4"	2.4164	1.4354	9.5	172.3	3.1	48.12	206.52	43.61	301.0	Cnc
8 Feb 2021	08h51m35.61s	+12 48' 49.5"	2.4187	1.4390	9.5	171.3	3.5	47.91	208.31	43.24	301.2	Cnc
9 Feb 2021	08h50m36.66s	+12 57' 47.7"	2.4209	1.4428	9.6	170.2	4.0	47.68	210.07	42.81	301.4	Cnc
10 Feb 2021	08h49m38.42s	+13 06' 43.6"	2.4232	1.4470	9.6	169.1	4.4	47.44	211.82	42.33	301.6	Cnc
11 Feb 2021	08h48m40.97s	+13 15' 36.6"	2.4255	1.4515	9.6	167.9	4.9	47.17	213.55	41.80	301.8	Cnc
12 Feb 2021	08h47m44.39s	+13 24' 26.3"	2.4277	1.4562	9.7	166.8	5.3	46.88	215.26	41.22	302.0	Cnc
13 Feb 2021	08h46m48.74s	+13 33' 12.3"	2.4300	1.4612	9.7	165.6	5.8	46.57	216.94	40.60	302.3	Cnc
14 Feb 2021	08h45m54.10s	+13 41' 54.0"	2.4322	1.4665	9.7	164.4	6.3	46.25	218.60	39.93	302.6	Cnc
15 Feb 2021	08h45m00.55s	+13 50' 31.1"	2.4344	1.4720	9.8	163.2	6.7	45.91	220.23	39.23	302.9	Cnc
16 Feb 2021	08h44m08.13s	+13 59' 03.2"	2.4367	1.4779	9.8	162.0	7.2	45.55	221.84	38.48	303.2	Cnc
17 Feb 2021	08h43m16.92s	+14 07' 29.8"	2.4389	1.4840	9.8	160.8	7.7	45.18	223.42	37.69	303.6	Cnc
18 Feb 2021	08h42m26.97s	+14 15' 50.7"	2.4411	1.4903	9.9	159.6	8.1	44.79	224.97	36.87	304.0	Cnc
19 Feb 2021	08h41m38.34s	+14 24' 05.4"	2.4434	1.4970	9.9	158.4	8.6	44.39	226.50	36.02	304.4	Cnc
20 Feb 2021	08h40m51.08s	+14 32' 13.7"	2.4456	1.5038	9.9	157.2	9.0	43.97	228.00	35.14	304.8	Cnc
21 Feb 2021	08h40m05.24s	+14 40' 15.2"	2.4478	1.5110	10.0	156.0	9.5	43.54	229.47	34.23	305.2	Cnc
22 Feb 2021	08h39m20.86s	+14 48' 09.7"	2.4500	1.5184	10.0	154.8	9.9	43.11	230.92	33.30	305.7	Cnc
23 Feb 2021	08h38m37.98s	+14 55' 56.8"	2.4522	1.5260	10.0	153.6	10.3	42.66	232.34	32.34	306.3	Cnc
24 Feb 2021	08h37m56.65s	+15 03' 36.5"	2.4544	1.5339	10.1	152.5	10.7	42.20	233.73	31.37	306.9	Cnc
25 Feb 2021	08h37m16.89s	+15 11' 08.3"	2.4566	1.5420	10.1	151.3	11.2	41.73	235.09	30.37	307.5	Cnc
26 Feb 2021	08h36m38.74s	+15 18' 32.2"	2.4588	1.5503	10.1	150.1	11.6	41.25	236.43	29.37	308.1	Cnc
27 Feb 2021	08h36m02.23s	+15 25' 48.0"	2.4609	1.5589	10.1	149.0	12.0	40.76	237.75	28.35	308.9	Cnc
28 Feb 2021	08h35m27.38s	+15 32' 55.4"	2.4631	1.5677	10.2	147.8	12.4	40.27	239.03	27.32	309.7	Cnc
1 Mar 2021	08h34m54.22s	+15 39' 54.4"	2.4653	1.5767	10.2	146.6	12.8	39.77	240.30	26.29	310.5	Cnc