



06h21m48.3s J2000.0

+16 22' 48" Ori

1 Dez 2023 0:00:00

Bahn von (5) Astraea

NGC 2141

Ephemeride des Kleinplaneten (5) Astraea

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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1 Dez 2023	06h44m40.86s	+15 45' 47.0"	2.2379	1.3475	10.0	146.6	14.0	51.06	151.70	17.92	269.8	Gem
2 Dez 2023	06h44m11.89s	+15 45' 46.8"	2.2363	1.3396	10.0	147.7	13.6	51.38	153.32	19.06	270.5	Gem
3 Dez 2023	06h43m41.05s	+15 45' 52.7"	2.2346	1.3320	10.0	148.8	13.2	51.68	154.97	20.19	271.2	Gem
4 Dez 2023	06h43m08.35s	+15 46' 04.7"	2.2330	1.3245	10.0	150.0	12.8	51.97	156.66	21.31	271.8	Gem
5 Dez 2023	06h42m33.83s	+15 46' 22.9"	2.2314	1.3173	9.9	151.1	12.3	52.24	158.37	22.42	272.4	Gem
6 Dez 2023	06h41m57.52s	+15 46' 47.3"	2.2298	1.3102	9.9	152.2	11.9	52.49	160.11	23.50	272.9	Gem
7 Dez 2023	06h41m19.45s	+15 47' 18.0"	2.2282	1.3034	9.9	153.3	11.5	52.73	161.88	24.57	273.3	Gem
8 Dez 2023	06h40m39.66s	+15 47' 55.0"	2.2266	1.2968	9.8	154.4	11.0	52.95	163.68	25.61	273.8	Gem
9 Dez 2023	06h39m58.20s	+15 48' 38.4"	2.2250	1.2905	9.8	155.6	10.6	53.15	165.51	26.62	274.2	Gem
10 Dez 2023	06h39m15.11s	+15 49' 28.1"	2.2234	1.2844	9.8	156.7	10.1	53.34	167.36	27.60	274.6	Gem
11 Dez 2023	06h38m30.45s	+15 50' 24.3"	2.2218	1.2785	9.7	157.8	9.6	53.50	169.23	28.55	275.0	Gem
12 Dez 2023	06h37m44.26s	+15 51' 26.8"	2.2202	1.2728	9.7	159.0	9.2	53.64	171.12	29.47	275.3	Gem
13 Dez 2023	06h36m56.62s	+15 52' 35.6"	2.2186	1.2674	9.7	160.1	8.7	53.76	173.03	30.35	275.7	Gem
14 Dez 2023	06h36m07.58s	+15 53' 50.8"	2.2171	1.2622	9.7	161.2	8.2	53.86	174.97	31.19	276.0	Gem
15 Dez 2023	06h35m17.22s	+15 55' 12.4"	2.2155	1.2573	9.6	162.3	7.7	53.93	176.91	31.98	276.3	Gem
16 Dez 2023	06h34m25.60s	+15 56' 40.2"	2.2140	1.2526	9.6	163.4	7.3	53.99	178.87	32.74	276.6	Gem
17 Dez 2023	06h33m32.81s	+15 58' 14.2"	2.2124	1.2482	9.6	164.6	6.8	54.01	180.85	33.44	276.9	Gem
18 Dez 2023	06h32m58.92s	+15 59' 54.3"	2.2109	1.2440	9.5	165.6	6.3	54.02	182.83	34.10	277.2	Gem
19 Dez 2023	06h31m44.00s	+16 01' 40.6"	2.2094	1.2401	9.5	166.7	5.9	54.00	184.81	34.71	277.4	Gem
20 Dez 2023	06h30m48.15s	+16 03' 32.8"	2.2079	1.2365	9.5	167.7	5.4	53.95	186.80	35.26	277.7	Gem
21 Dez 2023	06h29m51.45s	+16 05' 30.8"	2.2064	1.2331	9.4	168.7	5.0	53.89	188.80	35.77	278.0	Gem
22 Dez 2023	06h28m53.50s	+16 07' 35.6"	2.2049	1.2299	9.4	169.7	4.6	53.79	190.79	36.24	278.3	Gem
23 Dez 2023	06h27m55.31s	+16 09' 45.2"	2.2034	1.2271	9.4	170.6	4.2	53.67	192.77	36.64	278.5	Gem
24 Dez 2023	06h26m56.53s	+16 12' 00.3"	2.2019	1.2244	9.4	171.4	3.8	53.53	194.75	36.99	278.8	Gem
25 Dez 2023	06h25m57.23s	+16 14' 20.8"	2.2004	1.2221	9.3	172.0	3.5	53.36	196.72	37.29	279.1	Gem
26 Dez 2023	06h24m57.51s	+16 16' 46.7"	2.1989	1.2200	9.3	172.6	3.3	53.17	198.68	37.54	279.3	Ori
27 Dez 2023	06h23m57.45s	+16 19' 17.7"	2.1975	1.2181	9.3	172.9	3.2	52.96	200.62	37.73	279.6	Ori
28 Dez 2023	06h22m57.15s	+16 21' 53.9"	2.1960	1.2166	9.3	173.0	3.1	52.72	202.55	37.86	279.9	Ori
29 Dez 2023	06h21m56.70s	+16 24' 35.0"	2.1946	1.2153	9.3	172.9	3.2	52.46	204.45	37.94	280.2	Ori
30 Dez 2023	06h20m56.18s	+16 27' 20.9"	2.1931	1.2142	9.3	172.6	3.3	52.18	206.34	37.97	280.4	Ori
31 Dez 2023	06h19m55.70s	+16 30' 11.6"	2.1917	1.2135	9.3	172.1	3.5	51.87	208.21	37.93	280.7	Ori
1 Jan 2024	06h18m55.35s	+16 33' 06.8"	2.1903	1.2129	9.3	171.5	3.8	51.55	210.06	37.84	281.0	Ori
2 Jan 2024	06h17m55.22s	+16 36' 06.5"	2.1889	1.2127	9.3	170.7	4.2	51.20	211.87	37.70	281.4	Ori
3 Jan 2024	06h16m55.41s	+16 39' 10.5"	2.1875	1.2127	9.4	169.8	4.6	50.84	213.67	37.49	281.7	Ori
4 Jan 2024	06h15m56.02s	+16 42' 18.7"	2.1861	1.2130	9.4	168.9	5.0	50.46	215.43	37.23	282.0	Ori
5 Jan 2024	06h14m57.13s	+16 45' 31.0"	2.1847	1.2135	9.4	167.9	5.4	50.06	217.17	36.92	282.4	Ori
6 Jan 2024	06h13m58.85s	+16 48' 47.2"	2.1833	1.2143	9.4	166.8	5.9	49.64	218.88	36.55	282.8	Ori
7 Jan 2024	06h13m01.26s	+16 52' 07.2"	2.1819	1.2153	9.5	165.8	6.4	49.21	220.55	36.12	283.2	Ori
8 Jan 2024	06h12m04.47s	+16 55' 30.8"	2.1806	1.2166	9.5	164.7	6.9	48.76	222.20	35.64	283.6	Ori
9 Jan 2024	06h11m08.57s	+16 58' 58.0"	2.1792	1.2182	9.5	163.5	7.3	48.30	223.82	35.10	284.0	Ori
10 Jan 2024	06h10m13.65s	+17 02' 28.5"	2.1779	1.2200	9.5	162.4	7.8	47.83	225.41	34.52	284.5	Ori
11 Jan 2024	06h09m19.79s	+17 06' 02.3"	2.1765	1.2221	9.6	161.3	8.3	47.35	226.97	33.88	285.0	Ori
12 Jan 2024	06h08m27.09s	+17 09' 39.2"	2.1752	1.2244	9.6	160.1	8.8	46.85	228.50	33.19	285.5	Ori
13 Jan 2024	06h07m35.64s	+17 13' 19.0"	2.1739	1.2269	9.6	159.0	9.3	46.34	230.00	32.45	286.1	Ori
14 Jan 2024	06h06m45.51s	+17 17' 01.6"	2.1726	1.2297	9.6	157.8	9.8	45.83	231.47	31.67	286.7	Ori
15 Jan 2024	06h05m56.79s	+17 20' 46.9"	2.1713	1.2328	9.6	156.7	10.3	45.30	232.91	30.85	287.4	Ori
16 Jan 2024	06h05m09.54s	+17 24' 34.7"	2.1700	1.2360	9.7	155.5	10.8	44.77	234.32	29.99	288.1	Ori
17 Jan 2024	06h04m23.85s	+17 28' 24.9"	2.1687	1.2395	9.7	154.4	11.3	44.23	235.70	29.10	288.8	Ori
18 Jan 2024	06h03m39.77s	+17 32' 17.3"	2.1674	1.2433	9.7	153.2	11.8	43.69	237.06	28.17	289.7	Ori
19 Jan 2024	06h02m57.36s	+17 36' 11.7"	2.1662	1.2472	9.7	152.1	12.3	43.13	238.38	27.22	290.5	Ori
20 Jan 2024	06h02m16.68s	+17 40' 08.1"	2.1649	1.2514	9.8	150.9	12.8	42.58	239.68	26.24	291.5	Ori
21 Jan 2024	06h01m37.78s	+17 44' 06.2"	2.1637	1.2558	9.8	149.8	13.2	42.02	240.95	25.25	292.6	Ori
22 Jan 2024	06h01m00.71s	+17 48' 06.0"	2.1624	1.2604	9.8	148.7	13.7	41.46	242.20	24.23	293.7	Ori
23 Jan 2024	06h00m25.51s	+17 52' 07.3"	2.1612	1.2652	9.8	147.5	14.1	40.89	243.42	23.20	295.0	Ori
24 Jan 2024	05h59m52.23s	+17 56' 10.0"	2.1600	1.2702	9.9	146.4	14.6	40.32	244.62	22.16	296.4	Ori
25 Jan 2024	05h59m20.90s	+18 00' 14.0"	2.1588	1.2754	9.9	145.3	15.0	39.75	245.79	21.11	298.0	Ori
26 Jan 2024	05h58m51.56s	+18 04' 19.1"	2.1576	1.2808	9.9	144.2	15.5	39.18	246.94	20.07	299.7	Ori
27 Jan 2024	05h58m24.24s	+18 08' 25.3"	2.1564	1.2864	9.9	143.1	15.9	38.61	248.07	19.02	301.7	Ori
28 Jan 2024	05h57m58.97s	+18 12' 32.4"	2.1552	1.2922	10.0	142.0	16.3	38.04	249.18	17.99	303.9	Ori
29 Jan 2024	05h57m35.78s	+18 16' 40.3"	2.1540	1.2981	10.0	140.9	16.8	37.47	250.26	16.97	306.3	Ori
30 Jan 2024	05h57m14.68s	+18 20' 48.8"	2.1529	1.3043	10.0	139.8	17.2	36.90	251.32	15.97	309.1	Ori
31 Jan 2024	05h56m55.71s	+18 24' 58.0"	2.1517	1.3106	10.0	138.8	17.6	36.33	252.37	15.00	312.3	Ori
1 Feb 2024	05h56m38.88s	+18 29' 07.6"	2.1506	1.3171	10.0	137.7	18.0	35.76	253.39	14.08	315.9	Ori