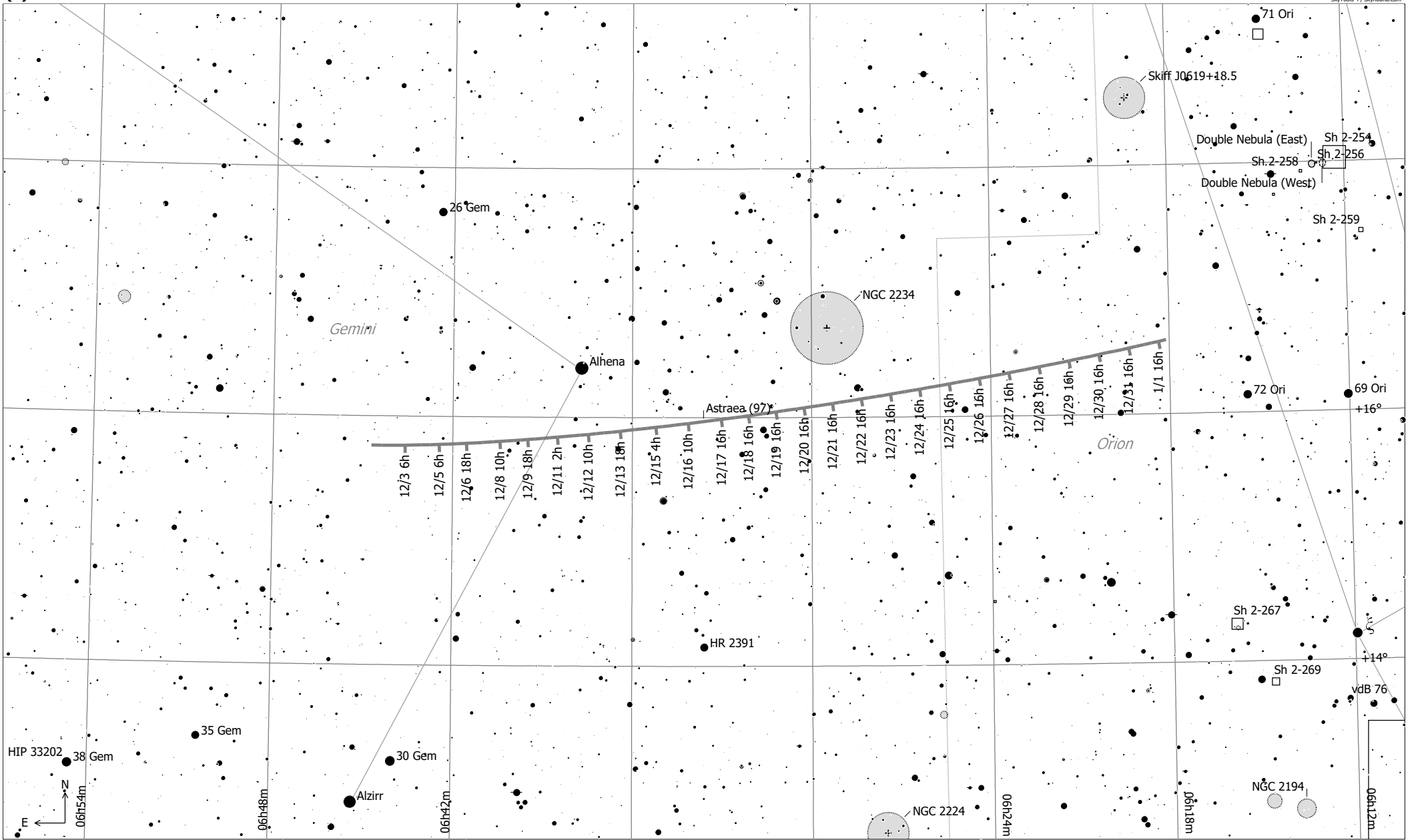


(5) Astraea



(5) Astraea (Minor Planet)
 Magnitude: 9.72 Earth Distance: 1.2 AU



- SN Remnant
- Ref. Neb.
- ◇ Dark Neb.
- Globule
- Open Cl.
- Globular Cl.
- × Skymark
- Mult. Star
- ☄ Comet
- Minor Planet
- Galaxy
- Galaxy Gr.
- Quasar
- Planetary
- HII Region

- 9
- 10
- 3
- 4
- 5
- 6
- 7
- 8

Position Ephemeris for (5) Astraea

Local Date/Time	RA (Ap)	Dec (Ap)	Con	Rs	Re	Elon	Mag	Quality	Difficulty	Vis
2023 Dec 1 00:00	06h46m06.4s	+15°44'22"	Gem	2.24 AU	1.35 AU	147°	10.2	fair	easy	
2023 Dec 3 00:00	06h45m07.0s	+15°44'28"	Gem	2.23 AU	1.33 AU	149°	10.1	fair	easy	
2023 Dec 5 00:00	06h44m00.2s	+15°45'00"	Gem	2.23 AU	1.32 AU	151°	10.1	fair	obvious	
2023 Dec 7 00:00	06h42m46.1s	+15°45'56"	Gem	2.23 AU	1.30 AU	153°	10.0	fair	obvious	
2023 Dec 9 00:00	06h41m25.2s	+15°47'18"	Gem	2.23 AU	1.29 AU	155°	10.0	fair	obvious	
2023 Dec 11 00:00	06h39m57.8s	+15°49'06"	Gem	2.22 AU	1.28 AU	158°	9.9	fair	obvious	
2023 Dec 13 00:00	06h38m24.3s	+15°51'19"	Gem	2.22 AU	1.27 AU	160°	9.8	fair	obvious	
2023 Dec 15 00:00	06h36m45.2s	+15°53'58"	Gem	2.22 AU	1.26 AU	162°	9.8	best	obvious	
2023 Dec 17 00:00	06h35m01.1s	+15°57'03"	Gem	2.21 AU	1.25 AU	164°	9.7	best	obvious	
2023 Dec 19 00:00	06h33m12.6s	+16°00'32"	Gem	2.21 AU	1.24 AU	167°	9.7	best	obvious	
2023 Dec 21 00:00	06h31m20.2s	+16°04'25"	Gem	2.21 AU	1.23 AU	169°	9.6	best	obvious	
2023 Dec 23 00:00	06h29m24.8s	+16°08'41"	Gem	2.20 AU	1.23 AU	170°	9.5	best	obvious	
2023 Dec 25 00:00	06h27m26.9s	+16°13'20"	Gem	2.20 AU	1.22 AU	172°	9.5	fair	obvious	
2023 Dec 27 00:00	06h25m27.3s	+16°18'20"	Ori	2.20 AU	1.22 AU	173°	9.5	fair	easy	
2023 Dec 29 00:00	06h23m26.7s	+16°23'41"	Ori	2.19 AU	1.22 AU	173°	9.4	fair	obvious	
2023 Dec 31 00:00	06h21m25.9s	+16°29'21"	Ori	2.19 AU	1.21 AU	172°	9.5	best	obvious	