

Observation Log

Name _____

Entry # _____

1 When and where

Date _____ Start time _____ End time _____

Location _____

2 Sky conditions Check one in each row.

Clouds ☐ Clear ☐ Partly cloudy ☐ Mostly cloudyMoon ☐ Not up ☐ Crescent ☐ Quarter ☐ Gibbous ☐ FullDarkness ☐ Only the brightest stars ☐ Both Dippers complete ☐ Milky Way visible

Other notes _____

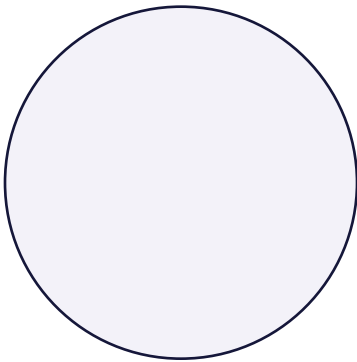
3 Target What you looked at, and where it was.

What I observed _____

Found it using ☐ Star map ☐ Stellarium ☐ Star-hop from _____Direction (compass) _____ Altitude (fists $\times$ 10 = degrees) _____Viewed with ☐ Eyes only ☐ Binoculars ☐ Telescope

4 Sketch and describe Draw what you saw, then put it in words.

What I saw — shape, brightness, color, anything that moved or changed



Facing _____

5 Compare with Stellarium Set Stellarium to the same time and place. What matched? What didn't?

6 One question I have Something you noticed and want to know more about.

Observation Log — example entry

This is what a complete entry looks like. Yours doesn't have to be this neat — it does have to be this specific.

Name Jordan M.

Entry # 3

1 When and where

Date Sept. 24

Start time 9:10 PM

End time 9:40 PM

Location Backyard, north side of the garage (it blocks the porch light)

2 Sky conditions

Check one in each row.

Clouds ☐ Clear ☒ Partly cloudy ☐ Mostly cloudy

Moon ☐ Not up ☐ Crescent ☐ Quarter ☒ Gibbous ☐ Full

Darkness ☐ Only the brightest stars ☒ Both Dippers complete ☐ Milky Way visible

Other notes Thin clouds in the east, gone by 9:30. Cool, no wind.

3 Target

What you looked at, and where it was.

What I observed The Summer Triangle — Vega, Deneb, and Altair

Found it using ☒ Star map ☒ Stellarium ☐ Star-hop from _____

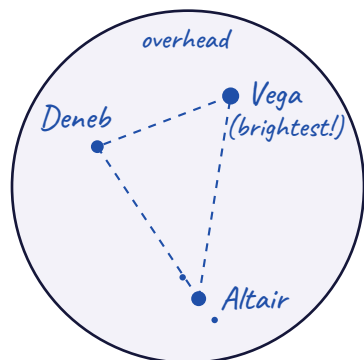
Direction (compass) Southwest, almost overhead

Altitude (fists × 10 = degrees) Vega ≈ 7 fists = 70°

Viewed with ☒ Eyes only ☐ Binoculars ☐ Telescope

4 Sketch and describe

Draw what you saw, then put it in words.



What I saw — shape, brightness, color, anything that moved or changed

Vega was the brightest by far and looked a little blue-white. Deneb was dimmer and farther east than I expected. Altair had a small star on each side, just like the chart. The triangle is huge — way bigger than my spread hand. Couldn't see the Milky Way, probably because of the Moon.

Facing Southwest, looking up

5 Compare with Stellarium

Set Stellarium to the same time and place. What matched? What didn't?

Stellarium showed Deneb lower than I saw it, but I had it set to 9:00. At 9:30 it matched. Stellarium showed the Milky Way through the triangle; I couldn't see it with the Moon up.

6 One question I have

Something you noticed and want to know more about.

If Vega looks so much brighter, is it closer to us than Deneb?