

# How many times brighter is the sky glow today compared to an ideal (magnitude = 6) night sky?

A perfect sky is dark, so with no light pollution it should be magnitude 6. Our sky, however, is brighter because of light pollution. As we increase sky glow, the sky gets brighter and we lose more stars.

To find out how much brighter the sky glow is now, estimate the magnitude of the area and compare it to the scale.



9. What Orion star chart matches this area's sky?

10. What is the average magnitude for this area?

11. By how many magnitudes has the sky changed (from ideal)?

12. How many times brighter is the night sky now because of sky glow?

