



### Notes

- (1) This chart shows a view looking high in the west in the morning.
- (2) It is good for Oct. 15 at 5am. The stars will be in a similar position on Sept. 30 at 6am or on Oct. 30 at 4am (per the usual rate of change of 4 minutes/day \* 15 days = 1hr).
- (3) Jupiter (shown at its position on Oct. 15) has a circle somewhat to the right of it (centered on the chart, not on Jupiter). The circle is the field of view of typical binoculars which is 7° degrees.
- (4) The stars are shown to magnitude 6. Except on very dark nights, you cannot see magnitude 6 stars! However, magnitude 6 stars will certainly show up in binoculars. Smartphones with a night mode will also show stars that dim.
- (5) Uranus is on the chart, and it will look like a dim star (but it moves slowly through the stars too).

Time and Date: Sun Oct 15, 2023 05:00:00 AM  
 Location: Observatory at Deep Springs  
 Centered on: W 270.0° Alt +45.0°  
 Field of View: 75.4° x 42.9°