



Diagram illustrating the geometry of the observation. A star is shown at the top. Two lines of sight, MN and GN, originate from different points on the Earth's surface. The angle between these lines is labeled as  $5^\circ$ . The distance from the observer to the star is labeled as 89 MILS. The distance from the observer to the star is also labeled as  $\frac{1^\circ 39'}{29 \text{ MILS}}$ .



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842. USGS  
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