

Starry Night: How Dark Adaptation affects the Visibility of Stars

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This study aims to find the appropriate condition for observers to view the starry sky, focusing on dark adaptation. The results show that all the observers make the same level of progress in dark adaptation, regardless of age. Also, when the observers are in bright urban cities, they can see stars that are about 1-2 magnitudes darker if the observers have 7 minutes of dark adaptation time at the beginning of the observation.

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