

Leonid Meteor Shower Peaks Wednesday

November 12 2010



The Leonid meteor shower best viewing this year will be in the two to three hours before dawn on Nov. 17 and 18, according to the editors of StarDate magazine.

There is always some uncertainty in the number of meteors the Leonid shower will produce, but viewers should expect to see at least 20 meteors per hour if they have clear skies. The nearly [full moon](#) will set several hours before dawn, and therefore not wash out any meteors in the hours immediately before dawn.

High-resolution images and high-definition video animation of the [Leonid meteor shower](#) are available online at StarDate's Media Center. There, you can also sign up to receive advance e-mail notices of future skywatching events.

Leonid meteors appear to fall from the constellation Leo, the lion, but they are not associated with it. They are leftover debris from comet Tempel-Tuttle. As the comet orbits the sun, it leaves a trail of debris. The Leonids meteors recur each year when Earth passes through the comet's debris trail.

Each time comet Tempel-Tuttle gets closest to the sun in its orbit, called perihelion, it sheds a significant amount of material. This creates clumps along its orbit. If Earth passes through one of these clumps this year, viewers could see hundreds of meteors per hour at the shower's peak. If Earth simply passes through the normal part of the comet's debris trail, the number of [meteors](#) visible will be much lower.

For your best view, get away from city lights. Look for state or city parks or other safe, dark sites. Lie on a blanket or reclining chair to get a full-sky view. If you can see all of the stars in the Little Dipper, you have good dark-adapted vision.

More information: stardate.org/magazine

Provided by University of Texas at Austin

Citation: Leonid Meteor Shower Peaks Wednesday (2010, November 12) retrieved 26 April 2024 from <https://phys.org/news/2010-11-leonid-meteor-shower-peaks-wednesday.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.