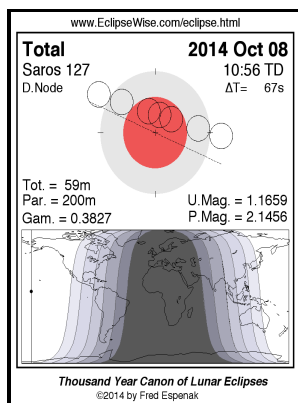


# Fifty year canon of lunar eclipses, 1986-2035

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Description: -

-  
Lunar eclipses -- 1986-2035 -- Maps.  
Lunar eclipses -- 1986-2035 -- Tables.  
Lunar eclipses -- 1986-2035 -- Charts, diagrams, etc. Fifty year canon of lunar eclipses, 1986-2035

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NASA reference publication ;Fifty year canon of lunar eclipses, 1986-2035

Notes: Includes bibliographical references (p. 15-16).

This edition was published in 1989



Filesize: 51.83 MB

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## Full Lunar Eclipse for North America

An 18-year, 11-day repeating pattern of and lunar eclipses caused by a combination of the tilt of the lunar orbit with respect to the and the of the plane of the moon's orbit.

## CREDITS

Finally, section 4 consists of a series of orthographic projection maps which show the regions of visibility of both partial and central phases for every solar eclipse from 1986 through 2035. I just want to say that I have to agree with you.

## Eclipses

The 2017 eclipse should be good.

## Fred Espenak

Greatest eclipse occurs at 21:44:31 UT in Canada's Nunavut Territory near Prince of Wales Island where the eclipse in the horizon will have a magnitude of 0. The of the Moon from Earth at the time of an eclipse can affect the eclipse's duration. The eclipse occurs at the Moon's descending node in southern Pisces, two days after perigee October 06 at 09:41 UT.

**Solar eclipses, total solar eclipses are rare at any particular location because totality**

. We have moved all content for this concept to for better organization. In the Standard Edition, Appendix C contains 112 full-page diagrams and maps - one for each lunar eclipse from 2021 through 2070.

## Fred Espenak

In general for your Sun, your job, if it is conjunct or opposite your Moon, your body, or home life, if the solar eclipse or Lunar is conjunct or.

### **21st Century Canon of Lunar Eclipses**

Earth's umbra leaves the Moon's surface. The geometry isn't exact but close enough for a Saros series to last 12 or more centuries.

### **Fred Espenak**

During the present millennium, the first eclipse of every tetrad occurs sometime from February to July.

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