



UPCOMING ECLIPSES OF THE SUN AND MOON

The [Upcoming Eclipses Page](#) gives a quick preview of all upcoming solar and lunar eclipses. The figures below are links to detailed information (tables, diagrams and map) for each eclipse. For a basic introduction to eclipses, see [Solar Eclipses For Beginners](#) and [Lunar Eclipses For Beginners](#).

Solar and Lunar Eclipses of 2021			
<p>Total Lunar Eclipse 2021 May 26</p> <p>Total Saros 121 D.Node = 11:20 TD A.Node = 07:17 TD U Mag = 1.0095 P Mag = 1.9465 Duration = 01:16:16</p>	<p>Annular Solar Eclipse 2021 Jun 10</p> <p>Annular Saros 147 A.Node = 10:43 TD D.Node = 02:51 TD U Mag = 0.9742 P Mag = 2.0720</p>	<p>Partial Lunar Eclipse 2021 Nov 19</p> <p>Partial Saros 136 A.Node = 09:04 TD D.Node = 01:17 TD U Mag = 0.9742 P Mag = 2.0720</p>	<p>Total Solar Eclipse 2021 Dec 04</p> <p>Total Saros 152 A.Node = 07:35 TD D.Node = 03:02 TD U Mag = 1.3383 P Mag = 2.4143</p>
Solar and Lunar Eclipses of 2022			
<p>Partial Solar Eclipse 2022 Apr 30</p> <p>Partial Saros 119 A.Node = 06:18 TD D.Node = 01:50 TD U Mag = 0.8541 P Mag = 1.9657</p>	<p>Total Lunar Eclipse 2022 May 16</p> <p>Total Saros 147 A.Node = 10:43 TD D.Node = 02:51 TD U Mag = 1.4137 P Mag = 2.3705</p>	<p>Partial Solar Eclipse 2022 Oct 25</p> <p>Partial Saros 134 A.Node = 08:52 TD D.Node = 03:19 TD U Mag = 0.8541 P Mag = 1.9657</p>	<p>Total Lunar Eclipse 2022 Nov 08</p> <p>Total Saros 136 A.Node = 09:04 TD D.Node = 01:17 TD U Mag = 1.3383 P Mag = 2.4143</p>
Solar and Lunar Eclipses of 2023			
<p>Hybrid Solar Eclipse 2023 Apr 20</p> <p>Hybrid Saros 119 A.Node = 06:18 TD D.Node = 01:50 TD U Mag = 0.8541 P Mag = 1.9657</p>	<p>Penumbral Lunar Eclipse 2023 May 05</p> <p>Penumbral Saros 141 A.Node = 09:59 TD D.Node = 03:14 TD U Mag = 0.9490 P Mag = 1.9657</p>	<p>Annular Solar Eclipse 2023 Oct 14</p> <p>Annular Saros 134 A.Node = 08:52 TD D.Node = 03:19 TD U Mag = 0.8541 P Mag = 1.9657</p>	<p>Partial Lunar Eclipse 2023 Oct 28</p> <p>Partial Saros 136 A.Node = 09:04 TD D.Node = 01:17 TD U Mag = 0.9742 P Mag = 2.0720</p>
Solar and Lunar Eclipses of 2024			
<p>Penumbral Lunar Eclipse 2024 Mar 25</p> <p>Penumbral Saros 113 A.Node = 07:14 TD D.Node = 01:14 TD U Mag = 0.9490 P Mag = 1.9657</p>	<p>Total Solar Eclipse 2024 Apr 08</p> <p>Total Saros 139 A.Node = 10:13 TD D.Node = 03:14 TD U Mag = 1.0324 P Mag = 2.3705</p>	<p>Partial Lunar Eclipse 2024 Sep 18</p> <p>Partial Saros 118 A.Node = 07:45 TD D.Node = 01:17 TD U Mag = 0.8541 P Mag = 1.9657</p>	<p>Annular Solar Eclipse 2024 Oct 02</p> <p>Annular Saros 144 A.Node = 10:14 TD D.Node = 03:02 TD U Mag = 0.9742 P Mag = 2.0720</p>
Solar and Lunar Eclipses of 2025			
<p>Total Lunar Eclipse 2025 Mar 14</p> <p>Total Saros 123 A.Node = 07:00 TD D.Node = 01:17 TD U Mag = 1.1784 P Mag = 2.3705</p>	<p>Partial Solar Eclipse 2025 Mar 29</p> <p>Partial Saros 149 A.Node = 11:33 TD D.Node = 03:14 TD U Mag = 1.0324 P Mag = 2.3705</p>	<p>Total Lunar Eclipse 2025 Sep 07</p> <p>Total Saros 128 A.Node = 07:45 TD D.Node = 01:17 TD U Mag = 1.3613 P Mag = 2.3705</p>	<p>Partial Solar Eclipse 2025 Sep 21</p> <p>Partial Saros 154 A.Node = 08:14 TD D.Node = 03:14 TD U Mag = 0.8541 P Mag = 1.9657</p>
Solar and Lunar Eclipses of 2026			
<p>Annular Solar Eclipse 2026 Feb 17</p> <p>Annular Saros 121 A.Node = 12:13 TD D.Node = 03:02 TD U Mag = 0.9742 P Mag = 2.0720</p>	<p>Total Lunar Eclipse 2026 Mar 03</p> <p>Total Saros 133 A.Node = 11:35 TD D.Node = 03:14 TD U Mag = 1.1937 P Mag = 2.3705</p>	<p>Total Solar Eclipse 2026 Aug 12</p> <p>Total Saros 126 A.Node = 08:12 TD D.Node = 03:14 TD U Mag = 0.9742 P Mag = 2.0720</p>	<p>Partial Lunar Eclipse 2026 Aug 28</p> <p>Partial Saros 136 A.Node = 09:04 TD D.Node = 01:17 TD U Mag = 0.9742 P Mag = 2.0720</p>
Solar and Lunar Eclipses of 2027			
<p>Annular Solar Eclipse 2027 Feb 06</p> <p>Annular Saros 131 A.Node = 10:07 TD D.Node = 03:02 TD U Mag = 0.9742 P Mag = 2.0720</p>	<p>Penumbral Lunar Eclipse 2027 Feb 20</p> <p>Penumbral Saros 143 A.Node = 09:59 TD D.Node = 03:14 TD U Mag = 0.9490 P Mag = 1.9657</p>	<p>Penumbral Lunar Eclipse 2027 Jul 18</p> <p>Penumbral Saros 110 A.Node = 07:14 TD D.Node = 01:17 TD U Mag = 0.9490 P Mag = 1.9657</p>	<p>Total Solar Eclipse 2027 Aug 07</p> <p>Total Saros 138 A.Node = 10:07 TD D.Node = 03:14 TD U Mag = 1.0324 P Mag = 2.3705</p>
Solar and Lunar Eclipses of 2028			
<p>Partial Lunar Eclipse 2028 Jan 12</p> <p>Partial Saros 125 A.Node = 07:14 TD D.Node = 01:17 TD U Mag = 0.8541 P Mag = 1.9657</p>	<p>Annular Solar Eclipse 2028 Jan 26</p> <p>Annular Saros 145 A.Node = 10:14 TD D.Node = 03:14 TD U Mag = 0.9742 P Mag = 2.0720</p>	<p>Partial Lunar Eclipse 2028 Jul 06</p> <p>Partial Saros 130 A.Node = 07:45 TD D.Node = 01:17 TD U Mag = 0.9742 P Mag = 2.0720</p>	<p>Total Solar Eclipse 2028 Jul 22</p> <p>Total Saros 140 A.Node = 10:07 TD D.Node = 03:02 TD U Mag = 0.9742 P Mag = 2.0720</p>
Solar and Lunar Eclipses of 2029			
<p>Partial Solar Eclipse 2029 Jan 14</p> <p>Partial Saros 114 A.Node = 07:14 TD D.Node = 01:17 TD U Mag = 0.8541 P Mag = 1.9657</p>	<p>Partial Solar Eclipse 2029 Jun 12</p> <p>Partial Saros 146 A.Node = 10:14 TD D.Node = 03:14 TD U Mag = 0.8541 P Mag = 1.9657</p>	<p>Total Lunar Eclipse 2029 Jun 26</p> <p>Total Saros 127 A.Node = 07:14 TD D.Node = 01:17 TD U Mag = 1.1784 P Mag = 2.3705</p>	<p>Partial Solar Eclipse 2029 Jul 11</p> <p>Partial Saros 127 A.Node = 07:14 TD D.Node = 01:17 TD U Mag = 0.8541 P Mag = 1.9657</p>
Solar and Lunar Eclipses of 2030			
<p>Annular Solar Eclipse 2030 Jun 01</p> <p>Annular Saros 129 A.Node = 08:20 TD D.Node = 03:02 TD U Mag = 0.9742 P Mag = 2.0720</p>	<p>Partial Lunar Eclipse 2030 Jun 15</p> <p>Partial Saros 148 A.Node = 10:14 TD D.Node = 03:14 TD U Mag = 0.9742 P Mag = 2.0720</p>	<p>Total Solar Eclipse 2030 Nov 25</p> <p>Total Saros 135 A.Node = 08:32 TD D.Node = 03:14 TD U Mag = 0.9742 P Mag = 2.0720</p>	<p>Penumbral Lunar Eclipse 2030 Dec 09</p> <p>Penumbral Saros 145 A.Node = 09:59 TD D.Node = 03:14 TD U Mag = 0.9490 P Mag = 1.9657</p>

Future Eclipses

For more information about future eclipses, see:

- [Solar Eclipse Preview: 2021-2040 \(MrEclipse.com\)](#)
- [Lunar Eclipse Preview: 2021-2040 \(MrEclipse.com\)](#)

Eclipse Publications

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Eclipse Almanac

The five volumes of the *Eclipse Almanac* publication series include maps and diagrams of every solar and lunar eclipse from 2021 to 2070 (each volume covers a single decade). Each volume available in Black & White, Color, and Kindle editions.

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The five volumes of the *Eclipse Almanac* publication series include maps and diagrams of every solar and lunar eclipse from 2021 to 2070 (each volume covers a single decade). Each volume available in Black & White, Color, and Kindle editions.

<p>21st Century Canon of Solar Eclipses</p> <p>Contains maps of every solar eclipse from 2001 through 2100 including all total, annular, hybrid, and partial eclipses. Special world atlas shows full page maps of all central eclipse paths. An essential reference for all serious eclipse chasers.</p> <p>Click Here For More Info</p>	<p>Thousand Year Canon of Solar Eclipses</p> <p>Global maps of every solar eclipse from 1501 to 2500 including all total, annular, hybrid, and partial eclipses. A comprehensive catalog lists the essential characteristics of each eclipse. A must-have reference for all eclipse chasers.</p> <p>Click Here For More Info</p>
<p>21st Century Canon of Lunar Eclipses</p> <p>Contains figures and maps of every lunar eclipse from 2001 to 2100 including all total, partial, and penumbral eclipses. Uses new model of Earth's elliptical shadows. An essential reference for all serious eclipse watchers.</p> <p>Click Here For More Info</p>	<p>Thousand Year Canon of Lunar Eclipses</p> <p>Diagrams and world visibility maps of every lunar eclipse from 1501 to 2500 CE. The accompanying catalog lists the essential characteristics of each lunar eclipse. An indispensable reference for students of eclipses.</p> <p>Click Here For More Info</p>

SOLAR ECLIPSE RESOURCES



Total Solar Eclipse of 2006
This sequence captures the entire eclipse from start to finish.
[\(click to see more photos\)](#)

Solar Eclipse Predictions and Maps

- [Solar Eclipse Preview: 2021-2030 \(MrEclipse.com\)](#)
- [Solar Eclipse Predictions: 2022 - 2030 \(EclipseWise.com\)](#)
- [21st Century World Atlas of Central Solar Eclipses \(EclipseWise.com\)](#)
- [World Atlas: Solar Eclipses \(EclipseWise.com\)](#)
- [Six Millennium Catalog of Solar Eclipses: 3000 BCE to 3000 CE \(EclipseWise.com\)](#)
- [Solar Eclipses of Historical Interest \(EclipseWise.com\)](#)

Solar Eclipse Photography

- [How To Photograph A Solar Eclipse \(MrEclipse\)](#)
- [How To Photograph a Solar Eclipse \(Nikon\)](#)
- [Photographing Solar Eclipses - Totality: Eclipses of the Sun, Ch. 12 \(2nd Edition\)](#)
- [Videoating Solar Eclipses](#)

Solar Eclipse Photos

- [Solar Eclipse Photos: | 1970 - 1984 | 1990 - 1994 | 1995 - 1999 |](#)
- [| T1991 | T1995 | T1998 | T1999 | T2001 | T2003 | T2005 | A2005 | T2006 | T2008 | A2011 | T2017 | T2019 |](#)
- [Complete Index to Solar Eclipse Photos](#)

Solar Eclipses and Eye Safety

- [Observing Solar Eclipses Safely - Totality: Eclipses of the Sun, Ch. 11 \(2nd Edition\)](#)
- [Solar Eclipses and Eye Safety - Ralph Chou](#)
- [Solar Filters - Ralph Chou](#)
- [Sources for Solar Filters](#)

Other Links

- [Solar Eclipses For Beginners](#)
- [The Experience of Totality - Totality: Eclipses of the Sun, Ch. 1 \(2nd Edition\)](#)
- [Index to Eclipse and Astronomy Photographs](#)

LUNAR ECLIPSE RESOURCES



Phases of the 2000 Total Lunar Eclipse
Totality is embraced by the partial phases of the 2000 total lunar eclipse.
[\(click to see more photos\)](#)

Lunar Eclipse Predictions and Maps

- [Lunar Eclipse Preview: 2021-2030 \(MrEclipse.com\)](#)
- [Lunar Eclipse Predictions: 2022 - 2030 \(EclipseWise.com\)](#)
- [Six Millennium Catalog of Lunar Eclipses: 3000 BCE to 3000 CE \(EclipseWise.com\)](#)
- [Lunar Eclipses of Historical Interest \(EclipseWise.com\)](#)

Lunar Eclipse Photography

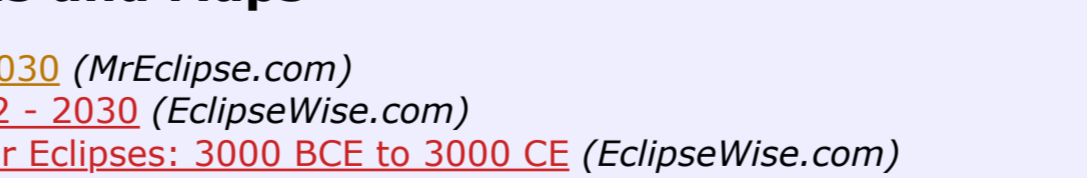
- [How To Photograph Lunar Eclipses](#)
- [Exposure Table for Lunar Eclipse Photography](#)

Lunar Eclipse Photographs

- [Lunar Eclipse Photos: | 1982-1993 | 2000-2002 |](#)
- [| T1982 | T2000 | T2000-B | T2001 | T2013 | T2014-A | T2014-B |](#)
- [Complete Index to Lunar Eclipse Photos](#)

Other Links

- [Lunar Eclipses For Beginners](#)
- [Index to Eclipse and Astronomy Photographs](#)



Visit our sister web site [EclipseWise.com](#) for solar and lunar eclipse predictions.
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