

CORONA FEVER

Countdown To the Total Solar Eclipse

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What to expect during the eclipse:

- 1st Contact (C1)- the moon's shadow begins to slowly obscure the sun (viewed with special filter/glasses).
- About 5-10 min prior to totality-the sky will start to turn greyish blue; the temperature will start to drop; animal behavior may change; the moon's shadow may be seen approaching in the west; miniature crescents appear on the ground.
- Seconds before totality- the last portion of the sun's photosphere will appear like a diamond ring; "beads" of light (Baily's Beads) & reddish solar prominences can be seen.
- 2nd Contact (C2)- totality begins; 360° sunset seen.
- The wispy corona of the sun is now viewable (no filters or special glasses needed).
- The sky will be dark like early twilight- brightest stars and planets will be visible.
- 3rd Contact (C3)- end of totality
- Watch for Baily's Beads and the diamond ring again.
- 4th Contact (C4)- end of the partial eclipse.



Temple, Texas, USA

Total solar eclipse visible (100.00% coverage of Sun)

Magnitude: 1.0134

Duration:	2 hours, 40 minutes, 29 seconds
Duration of totality:	3 minutes, 45 seconds
Partial begins:	Apr 8, 2024 at 12:19:22 pm
Full begins:	Apr 8, 2024 at 1:37:12 pm
Maximum:	Apr 8, 2024 at 1:39:04 pm
Full ends:	Apr 8, 2024 at 1:40:57 pm
Partial ends:	Apr 8, 2024 at 2:59:51 pm

Times shown in local time (CDT)

This day was cloudy 55% of the time (since 2000)

Resources:

- Eclipse2024.org (Dan McGlaun)
- Eclipse.aas.org (American Astronomical Society)
- MrEclipse.com (Fred Espenak)
- Eclipsophile.com (Jay Anderson)
- GreatAmericanEclipse.com (Michael Zeiler)
- Science.NASA.gov/eclipses/
- NationalEclipse.com
- TimeAndDate.com/eclipse/
- Solar.Eclipse.Timer.com (phone app)
- PhotoPills.com (phone app)