

# 2024 CELESTIAL CALENDAR



-  **NEW MOON**
-  **LUNAR ECLIPSES**  
**MAR 25**  
**PENUMBRAL LUNAR ECLIPSE**  
OBSERVABLE ACROSS THE AMERICAS
-  **FULL MOON**
-  **SUPERMOON**
-  **MERCURY GREATEST ELONGATION**
-  **SATURN OPPOSITION**
-  **JUPITER OPPOSITION**
-  **NEPTUNE OPPOSITION**
-  **SOLAR ECLIPSES**  
**APR 8**  
**TOTAL SOLAR ECLIPSE**  
OBSERVABLE ACROSS NORTH AMERICA
-  **ANNULAR SOLAR ECLIPSE**  
OBSERVABLE ACROSS PARTS OF SOUTH AMERICA
-  **METEOR SHOWERS**  
**JAN 3-4** QUADRANTIDS  
**APR 22-23** LYRIDS  
**MAY 4-5** ETA AQUARIDS  
**JUL 28-29** DELTA AQUARIDS  
**AUG 11-12** PERSEIDS  
**OCT 7-8** DRACONIDS  
**OCT 21-22** ORIONIDS  
**NOV 17-18** LEONIDS  
**DEC 13-14** GEMINIDS
-  **COMET - CLOSEST APPROACH**  
**JUN 2** COMET 12P/PONS-BROOKS  
**OCT 12** COMET C/2023 A3 (TSUCHINSHAN-ATLAS)
-  **EQUINOXES AND SOLSTICES**  
**MAR 19-20** VERNAL EQUINOX  
**JUN 20** JUNE SOLSTICE  
**SEP 22** AUTUMNAL EQUINOX  
**DEC 21** DECEMBER SOLSTICE
-  **CONJUNCTIONS**  
**JAN 18** MOON AND JUPITER  
**JAN 20** MOON AND M45  
**FEB 16** MOON AND M45  
**MAR 3** MOON AND ANTARES  
**MAR 14** MOON AND M45  
**APR 11** MOON AND M45  
**MAY 3** MOON AND SATURN  
**MAY 31** MOON AND SATURN  
**JUN 1** MOON AND MARS  
**JUL 2** MOON AND M45  
**JUL 24** MOON AND SATURN  
**JUL 29** MOON AND M45  
**AUG 14** JUPITER AND MARS  
**AUG 25** MOON AND M45  
**SEP 22** MOON AND M45  
**OCT 19** MOON AND M45
- OCT 23** MOON, POLLUX, AND MARS
- NOV 10** MOON AND SATURN
- NOV 16** MOON AND M45
- NOV 20** MOON, MARS, AND BEEHIVE CLUSTER
- DEC 3** MARS AND BEEHIVE CLUSTER
- DEC 7** MOON AND SATURN
- DEC 13** MOON AND M45
- DEC 18** MOON AND MARS
-  **LUNAR OCCULTATION**  
**JAN 8** ANTARES  
**JUN 27** SATURN  
**AUG 20** SATURN

COORDINATED UNIVERSAL TIME (UTC)

LEARN MORE ABOUT THESE EVENTS AT [celestron.com/calendar](https://celestron.com/calendar)

DAYS LISTED AS SUNDAY - SATURDAY  
0124