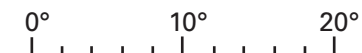


# ©ABRAMS PLANETARIUM SKY CALENDAR APRIL 2023

An aid to enjoying the changing sky

Use this scale to measure angular distances between objects on diagrams below.



### Evening Planets: Venus

dominates the evening sky all month. Look westward for the bright planet. Watch April 9 through 12 as Venus passes to the left of the Pleiades star cluster. Venus passes 7.4° north of Aldebaran on April 18 and 19. **Mercury**, in its best evening apparition of the year for the northern hemisphere, can be found to the lower right of Venus in the first half of the month. Mercury is 22.1° below Venus on April 1, shrinking to 19.6° by April 9. Mercury is at Greatest Elongation (19.5°) from the Sun April 11. Mercury quickly fades in brightness during the third week of April. What is the last date you can spot the quick moving planet? **Uranus** is between Venus and Mercury but will be a very challenging object to spot that close to the horizon. **Mars** is high in the sky. The red planet is moving eastward through the stars of Gemini the twins. Mars slowly fades in brightness as the distance increases between Earth and Mars. Mars starts April 136.1 million miles from Earth and ends the month 161.6 million miles away.

### Morning Planets: Saturn

spends the month low in the southeast dawn sky, getting a bit higher each day. Saturn rises 1 hour and 24 minutes before sunrise on April 1. Saturn rises 2 hours and 28 minutes before sunrise on April 30, as seen from latitude 40 and longitude 90. Look for a thin crescent Moon below Saturn on April 16.

**Jupiter** is in conjunction with the Sun on April 11 and can't be seen this month.

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p><b>Apr 1-3, one hour after sunset</b></p> <p><b>Sat 1</b></p> <p><b>Sunday 2</b></p> <p><b>Mon 3</b></p>	<p>Alpha Lib LIBRA</p> <p><b>Sat 8</b></p> <p><b>Fri 7</b></p> <p><b>Thurs 6</b></p> <p><b>Wed 5</b></p> <p><b>Tues 4</b></p> <p><b>Apr 4-8, one hour before sunrise</b></p>	<p><b>Apr 4-6, one hour after sunset</b></p> <p><b>Tues 4</b></p> <p><b>Wed 5</b></p> <p><b>Thurs 6</b></p> <p><b>Apr 9-13, one hour before sunrise</b></p> <p><b>Thurs 13</b></p> <p><b>Wed 12</b></p>	<p><b>Thurs Apr 6, one hour after sunset</b></p> <p><b>Tues 11</b></p> <p><b>Mon 10</b></p> <p><b>Sunday 9</b></p> <p><b>Apr 15 &amp; 16, one hour before sunrise</b></p> <p><b>Sat 15</b></p> <p><b>Sunday 16</b></p>	<p><b>Thurs Apr 20, 40 min after sunset</b></p> <p><b>Fri Apr 21, one hour after sunset</b></p> <p><b>Sat Apr 22, one hour after sunset</b></p> <p><b>Tues Apr 25, one hour after sunset</b></p> <p><b>Wed Apr 26, one hour after sunset</b></p> <p><b>Sat Apr 29, 45 minutes before sunrise</b></p> <p><b>Apr 27-29, one hour after sunset</b></p> <p><b>Thurs 27</b></p> <p><b>Fri 28</b></p>	<p><b>Sunday Apr 9, one hour after sunset</b></p> <p><b>Sunday Apr 16, one hour after sunset</b></p> <p><b>Sunday Apr 23, 1½ hours after sunset</b></p>	<p><b>Mon Apr 10, one hour after sunset</b></p> <p><b>Tues Apr 11, one hour after sunset</b></p> <p><b>Mon Apr 17, 45 minutes before sunrise</b></p> <p><b>Thurs Apr 6</b></p> <p><b>Thurs Apr 13</b></p> <p><b>Thurs Apr 20</b></p> <p><b>Thurs Apr 27</b></p> <p><b>Mon Apr 24, two hours after sunset</b></p>

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