

OCTOBER 2024

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<p>More information about the observatory, events, resources, and how to reach us is available at dyer.vanderbilt.edu. Follow us on f X ig yt @dyerobservers</p>		<p>1 MAKEMAKE AT SOLAR CONJUNCTION</p>	<p>2 NEW MOON ANNULAR SOLAR ECLIPSE</p>	<p>3 SIGMA 7 LAUNCH WALTER SCHIRRA (1962)</p>	<p>4 SPUTNIK 1 LAUNCH (1957) NAVIGATION SATELLITE. TRANSMITTED 21 DAYS. SPARKED SPACE RACE WITH THE USSR.</p>	<p>5 MOON - VENUS APPULSE LOOK SW FROM DUSK TO APPROX 7:30 PM CT</p>
<p>6 NEVIL MASKELYN BIRTHDAY (1732) FIRST TO MEASURE EARTH'S DENSITY</p>	<p>7 MOON OCCULTS ANTARES</p>	<p>8 DRACONID METEOR SHOWER PEAK VIEWING AT 8 PM CT</p>	<p>9 LUNAR X VISIBLE 7-9 PM CT JUPITER ENTERS RETROGRADE MOTION</p>	<p>10 FIRST QUARTER MOON EUROPA CLIPPER LAUNCH* ORBITER TO STUDY JUPITER MOON</p>	<p>11 Δ-AURIGID METEOR SHOWER VISIBLE 10:30 PM CT TO DAWN</p>	<p>12 NATIONAL CHESS DAY</p>
<p>13 FIRST COMET FOUND BY PHOTOGRAPHIC MEANS (1892) BY NASHVILLE'S E. E. BARNARD</p>	<p>14 MOON - SATURN APPULSE VISIBLE DUSK TO APPROX 3 AM CT</p>	<p>15 MOON OCCULTS NEPTUNE</p>	<p>16 MOON AT PERIGEE</p>	<p>17 FULL SUPER MOON ERIS AT OPPOSITION</p>	<p>18 ε-GEMINID METEOR SHOWER VISIBLE 10:30 PM CT TO DAWN</p>	<p>19 MOON - PLEIADES APPULSE VISIBLE ALL NIGHT</p>
<p>20 DISCOVERY OF GREAT SLOAN WALL ANNOUNCED (2003)</p>	<p>21 ORIONID METEOR SHOWER MOON - JUPITER APPULSE VISIBLE 10 PM CT TO SUNRISE</p>	<p>22 LUNA 12 LAUNCH USSR MOON ORBITER (1966)</p>	<p>23 MOON - MARS APPULSE VISIBLE JUST BEFORE MIDNIGHT TO SUNRISE</p>	<p>24 THIRD QUARTER MOON 136108 HAUMEA AT SOLAR CONJUNCTION</p>	<p>25 SATURN-MOON IAPETUS DISCOVERED GIOVANNI CASSINI (1671)</p>	<p>26 HENRIETTA HILL SWOPE BIRTHDAY (1902) CHIEF OF HARVARD PROGRAM TO MEASURE DISTANCES WITH VARIABLE STARS</p>
<p>27 BENJAMIN O. DAVIS, JR. BECOMES FIRST AFRICAN-AMERICAN GENERAL IN THE USAF (1954)</p>	<p>28 PROSPERO LAUNCH GREAT BRITAIN'S FIRST SPACE LAUNCH (1971)</p>	<p>29 MOON AT APOGEE</p>	<p>30 VENUS AT APHELION</p>	<p>31 JPL'S BEGINNING (1936) FIRST SUCCESSFUL ROCKET ENGINE TEST IN PASADENA</p>		

Image credits: Moons by NASA/Bill Dunford; NASA, Himmeldale.com; Edward Scriven, In-the-sky.org; NASA, ESA, Amy Simon (NASA-GSFC), Richard H. Wong (UC Berkeley) APL, SOSS, Musée du Bourget, NASA; JPL-Caltech/Space Science Institute; Bernard Colla; National Air and Space Museum, Smithsonian Institution, ESA, NASA/JPL, Caltech; Getty Images Signature
*Mission time and date subject to change. All times Central.

Local Featured Events

- 4 8-10 PM TELESCOPE NIGHT AT DYER
- 12 7 PM BLUEBIRD ON THE MOUNTAIN CONCERT AT DYER
- 13 7-9 PM BSAS STAR PARTY AT BELLS BEND NATURE CENTER
- 16 7:30 PM BSAS MEETING AT DYER
- 17 7 PM MEET THE ASTRONOMER AT DYER
- 19 7 PM BLUEBIRD ON THE MOUNTAIN CONCERT AT DYER
- 30 7:30 PM ASTRONOMY ON TAP AT JACKALOPE BREWERY