



DYER OBSERVATORY
VANDERBILT UNIVERSITY

AUGUST

2024

S

M

T

W

T

F

S

NEW MOON

4

JOHN VENN BORN (1834)
English mathematician, logician and philosopher

5

MOON AT PERIHELION

6

ASTEROID 16 PSYCHE AT OPPOSITION
Best viewing with telescope
10pm to 4am in the SE

First woman to pilot an aircraft across the English Channel. Wrote 7 screenplays directed by D. W. Griffith. Died age 37 performing at an aviation meet in 1912.



1 **HARRIET QUIMBY IS FIRST WOMAN TO RECEIVE PILOT LICENSE IN U.S. (1911)**

2

THE POSITRON IS DISCOVERED (1932)

3

CRS2 NG-21 (CYGNUS) ISS RESUPPLY MISSION LAUNCH*

7

APOLLO 15 RETURNS TO EARTH (1971)
After the fourth crewed Moon landing

8

MOON AT APOGEE
Farthest point from Earth this orbit

9

FIRST PHOTO OF THE SPECTRUM OF A STAR
Vega by Henry Draper (1872)

10

BSAS STAR PARTY AT EDWIN WARNER PARK 8:30-10:30PM

11

LUNAR X VISIBLE
8:30 pm to moonset

12

FIRST QUARTER MOON
PERSEID METEOR SHOWER PEAK
Peaks early morning. Circumpolar position. See up to 125 meteors per hour.

13

DISCOVERY OF MARS' SOUTH POLAR CAP (1672)

14

JUPITER - MARS CLOSE APPROACH

15

DOGS MISHKA & CHIZHIK LAUNCHED INTO SPACE (USSR-1951)

16

EXPLORER 12 LAUNCH (1961)

17

K-CYGNID METEOR SHOWER PEAK
Peaks around 10pm. Circumpolar position. See up to 3 meteors per hour.

18

MERCURY AT INFERIOR SOLAR CONJUNCTION

19

FULL STARGAZING MOON
CHARLES BOLDEN JR. BIRTHDAY (1946)

20

MOON - SATURN CLOSE APPROACH
Visible 9:30pm to dawn

21

MOON - NEPTUNE CLOSE APPROACH
Visible 10:00pm to dawn

22

VOYAGER 2 RECORDS NEPTUNE'S FAINT RINGS (1989)

23

FIRST PHOTO OF EARTH FROM MOON (LUNAR ORBITER 1 - 1966)

24

PLUTO DEMOTED TO DWARF PLANET (2006)

25

VOYAGER 1 ENTERS INTERSTELLAR SPACE (2012)

26

THIRD QUARTER MOON
MOON - PLEIADES CLOSE APPROACH
Visible early morning to dawn

27

MOON - JUPITER - MARS TRIANGLE
Visible early morning to dawn

28

WILLIAM HERSCHEL DISCOVERS ENCELADUS (1789)

29

LIVE AND ONLINE! 8pm CT
MEET THE ASTRONOMER TALK LIGHT & SPECTRA

30

GUION BLUFORD BECOMES FIRST AFRICAN-AMERICAN IN SPACE (STS-8: 1983)

31

AURIGID METEOR SHOWER PEAK

Image credits: Moons by NASA/Bill Dunford, NASA, Library of Congress, Carl D. Anderson, Stephen Rahn, Getty Images Signature, meteorshowers.org, Alex Rockafellar, in-the-sky.org, JPL/NASA, Science Photo Library

*Mission time and date subject to change. All times Central.

More information about the observatory, events, resources, and how to reach us is available at dyer.vanderbilt.edu.

Follow us on [f](#) [X](#) [i](#) [v](#) [t](#) @dyerobservers