



JULY 2020



SUN MON TUE WED THU FRI SAT

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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

A penumbral lunar eclipse will turn the Moon a bit darker in parts of the Americas and Africa

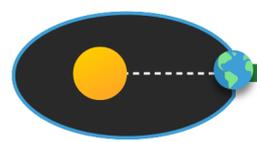


Full Moon

Chiaki Mukai became Japan's first woman in space as part of the Space Shuttle crew that took off on this day in 1994



New episodes are added weekly to our YouTube channel: youtube.com/spaceracers



Earth's orbit reaches a point, called "aphelion," that's farthest away from the Sun.

Watch Space Racers season 1 on Netflix!

United Arab Emirates plans to launch today its first Mars probe, called "Hope," atop a Japanese rocket



3rd Quarter Moon

Jupiter will be at its brightest tonight and visible all night long



NASA plans to launch the Perseverance Mars rover today

On this day in 1984, Cosmonaut Svetlana Savitskaya became the first woman to walk in space when she performed extravehicular activity (EVA) outside the Salyut 7 space station.

Saturn will be at its brightest tonight and visible all night long



New Moon

Best time to view Mercury low in the eastern sky just before sunrise



Astronomer Galileo Galilei became the first person to observe the rings of Saturn on this day 410 years ago.



1st Quarter Moon

The Delta Aquariids Meteor Shower peaks overnight tonight, with the best viewing after midnight from a dark location.



NASA's Mariner 6 did a flyby of Mars on this day in 1969, sending back photos of the planet's polar caps as well as one of its moons.



Watch Space Racers on **Netflix** and **YouTube.com/SpaceRacers**