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2 3rd Quarter Moon!					7 	8
9 New Moon	10 	11	12 	13	14	15
16 1st Quarter Moon!	17 			20		22
23 	24	25 	26 			

A Japanese rocket will launch an uncrewed cargo vehicle to deliver equipment and supplies to the International Space Station.

Neptune at Opposition
Best time to view Neptune, which will be brighter than any other time of the year. It will appear as a blue dot in all but the most powerful telescopes.

"Star Trek" premiered on this day in 1966 and aired on NBC for three seasons.

A rocket will launch a NASA satellite from California to measure ice sheet elevation and thickness changes linked to climate change

On this day 18 years ago, NASA launched space shuttle Atlantis with astronauts who prepared the International Space Station for arrival of the first permanent crew.

The first public display of a lunar rock, which was from the Apollo 11 mission, was unveiled on this day in 1969 at the Smithsonian Institution.

On this day in 2017, Cassini dove into Saturn's atmosphere and ended its 20-year journey of discovery.

On this day in 1996, **Shannon Lucid** set a U.S. space endurance record and a world record for women after her 188-day space mission.

September Equinox
The Sun will shine directly on the equator providing equal amounts of day and night throughout the world. It's the first day of Fall (Autumnal Equinox) in the Northern Hemisphere and the first day of Spring (Vernal Equinox) in the Southern Hemisphere.

Full Moon: This full Moon is called the Corn Moon or Harvest Moon because the corn is harvested around this time of year

Watch More Space Racers on [YouTube.com/SpaceRacers](https://www.youtube.com/SpaceRacers)

