

# The *Weekly Dome Report*

Week of September 21th, 2020.....Volume 26.....Space News and Stuff

## Upcoming Events

### Monday, Sept. 21

6pm.....Mythology Monday  
- Egyptian Mythology

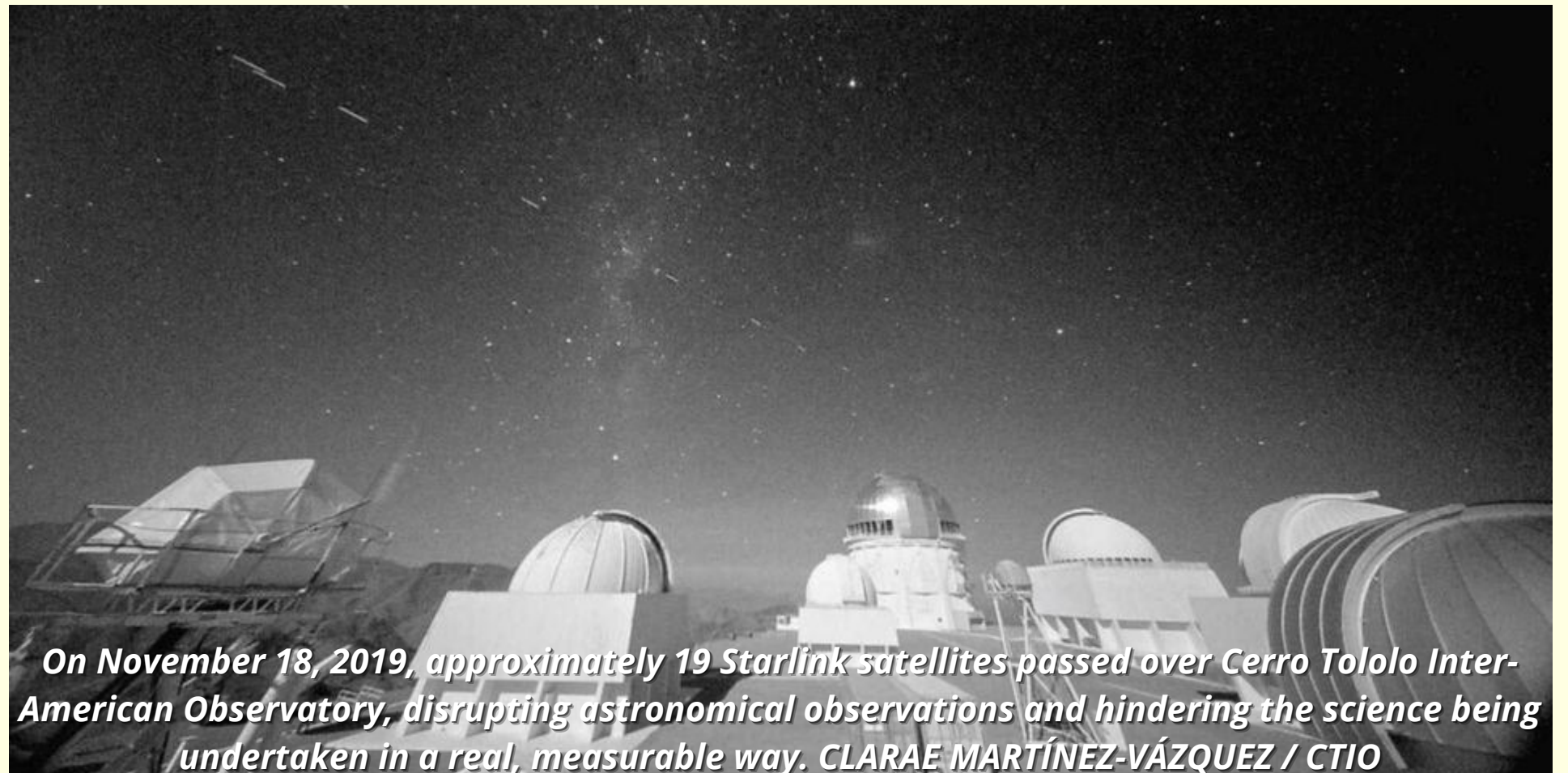
### Friday, Sept. 25

6pm.....Final Frontier Friday  
- Life Beyond Earth

### Saturday, Sept. 26

2pm.....Stellar Saturday  
- The Moons  
7pm.....Stellar Saturday  
- ExoPlanets

## The Cost of Satellites



SpaceX, run by Elon Musk, has been launching satellites into the sky for months now in order to provide world wide internet coverage. However, this is having adverse effects on astronomers down here on Earth as they try to observe the night sky. These satellites are very bright, and can be observed by the human eye in certain conditions. In addition to this, these satellites leave light trails across the night sky which causes further light pollution for astronomers. Some proposed solutions to this propose taking down the current satellites until they can be redesigned, and with that redesign make them dark and less reflective, as the current models are very bright and reflective for no significant reason. The other two proposed solutions are more logistical in nature, as SpaceX could provide satellite flight paths, trajectories and adjustment data to observatories around the world, and SpaceX could fund the creation of computer systems to help eliminate the light pollution from the data. SpaceX and Musk have claimed they will indeed enact some of these proposed solutions, but it has been quite some time since this problem arose and there seems

to be little to no progress made in negating the effects of the satellites. Hopefully SpaceX and observatories across the globe can work together going forward as we venture farther to space.

**WEIRD SPACEFACT**  
IF THE SUN WAS THE  
SIZE OF A STANDARD  
FRONT DOOR, THE EARTH  
WOULD BE THE SIZE OF A  
NICKEL.

## FREE HUMOR



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