

# The Weekly Dome Report

Week of September 7th, 2020.....Volume 24.....Space News and Stuff

## Upcoming Events

### Monday, Sept. 7

6pm.....Mythology Monday  
- Asteroids

7pm.....Mythology Monday  
- Asteroids

### Friday, Sept. 11

6pm.....Final Frontier Friday  
- Time

7pm.....Final Frontier Friday  
- Time

### Saturday, Sept. 5

2pm.....Stellar Saturday  
- Moons

7pm.....Stellar Saturday  
- Exo-Planets

## TWO BLACK HOLES MERGE



Artist's impression of binary black holes about to collide. Mark Myers, ARC Centre of Excellence for Gravitational Wave Discovery (OzGrav)

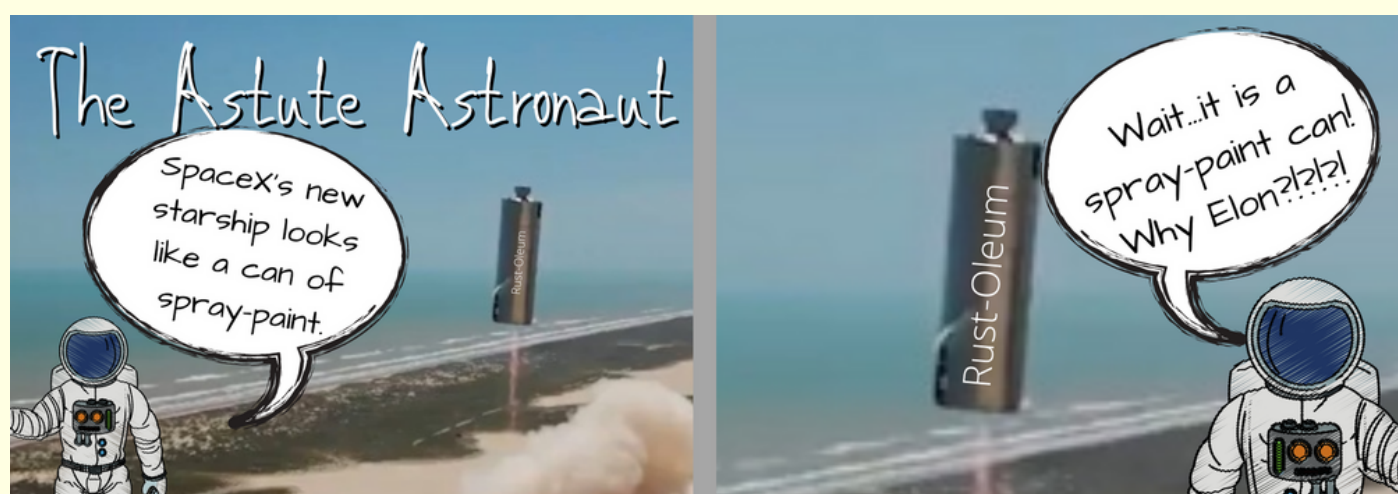
Seven billion years ago two black holes merged together as they collided, sending out waves of gravity across the universe, and in May of Last year they finally reached Earth. This data took some time for scientists to process, but what they found was well worth the wait. A new size of black hole has been discovered from this data. Up until this point we have only observed “small” and “large” black holes, with no intermediate or medium sized black holes. This intermediate range of black holes that had yet to be found ranged from 100-1000 solar masses, with one solar mass being the mass of our sun. This newly observed black hole has a mass of 142 solar masses, which makes it the first of its kind. From the capture of an image of a black hole, to now discovering a new size and class of black hole, a lot of new and exciting breakthroughs have come in regarding black holes in recent years.

<https://www.bbc.com/news/science-environment-53993937>

## WEIRD SPACEFACT

PRIOR TO 1879, THE PLANET URANUS WAS CALLED “GEORGE” OR “HERSCHEL.”

## FREE HUMOR



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