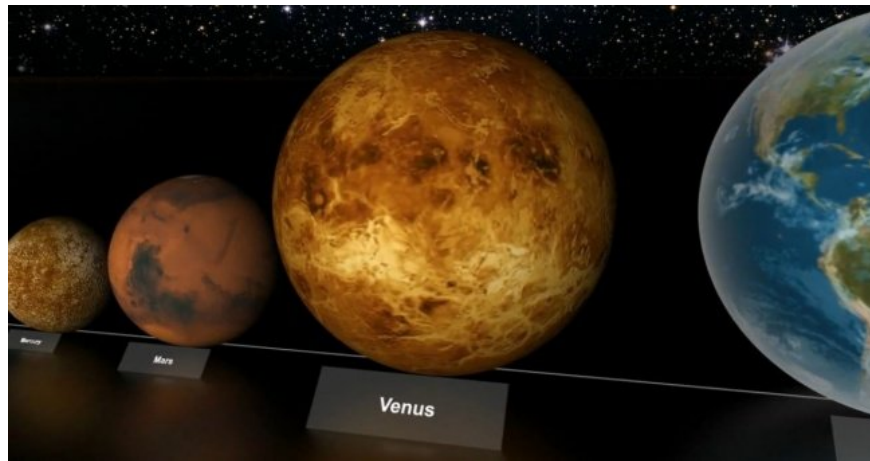


Discover incredible facts about our cosmic planet

Join TipsMake.com to discover the incredible facts about our space planet below!

When looking up at the starry night sky, millions of stars are speckled, many of us suddenly realize just how trivial our everyday worries are. Now, with modern science and technology, the wonders of the universe are right in front of our eyes, we cannot help but think about what it means. From the position of people on Earth, the cosmic planet seems to be vastly incomprehensible - even many people don't realize that it is much bigger. Join TipsMake.com to **discover the incredible facts about our space planet** below!



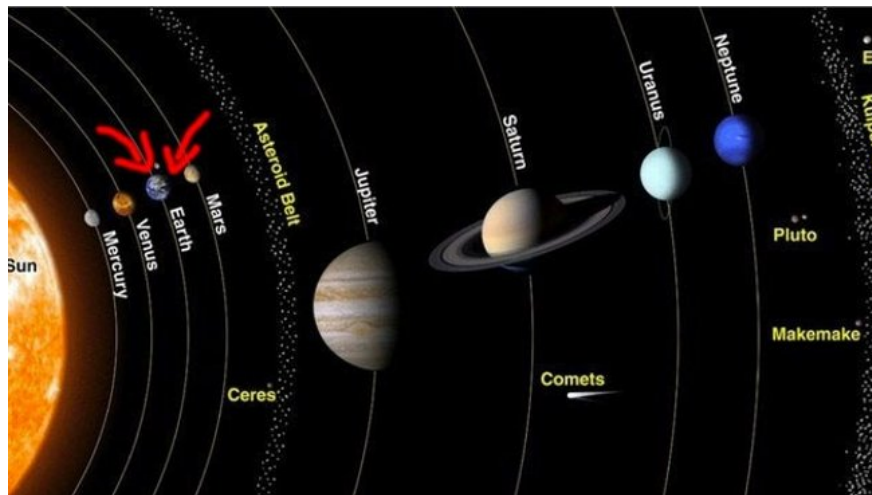
However, many of us do not believe it and this is the reason:

This is the Earth - where you live



© nasa

And these are "neighbor" planets in the solar system

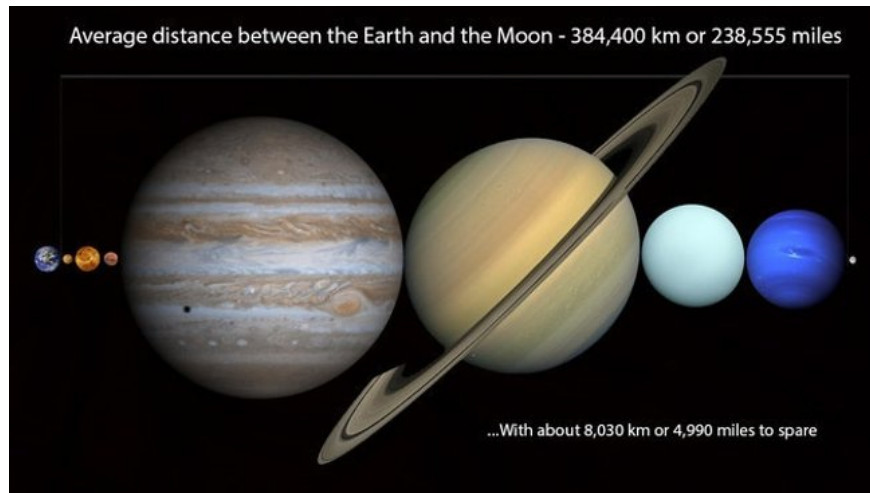


Here is the distance, the ratio between the Earth and the Moon. Looks not far away, right?



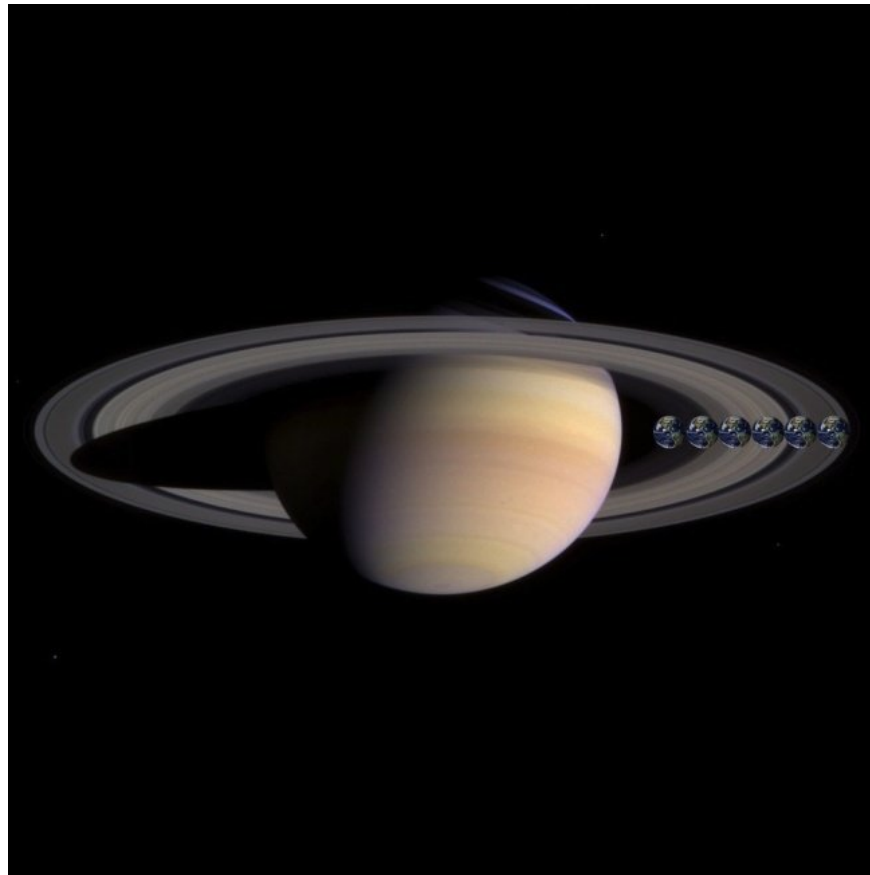
© imgur

Inside that distance you can fit all the planets in the solar system so beautifully and neatly.



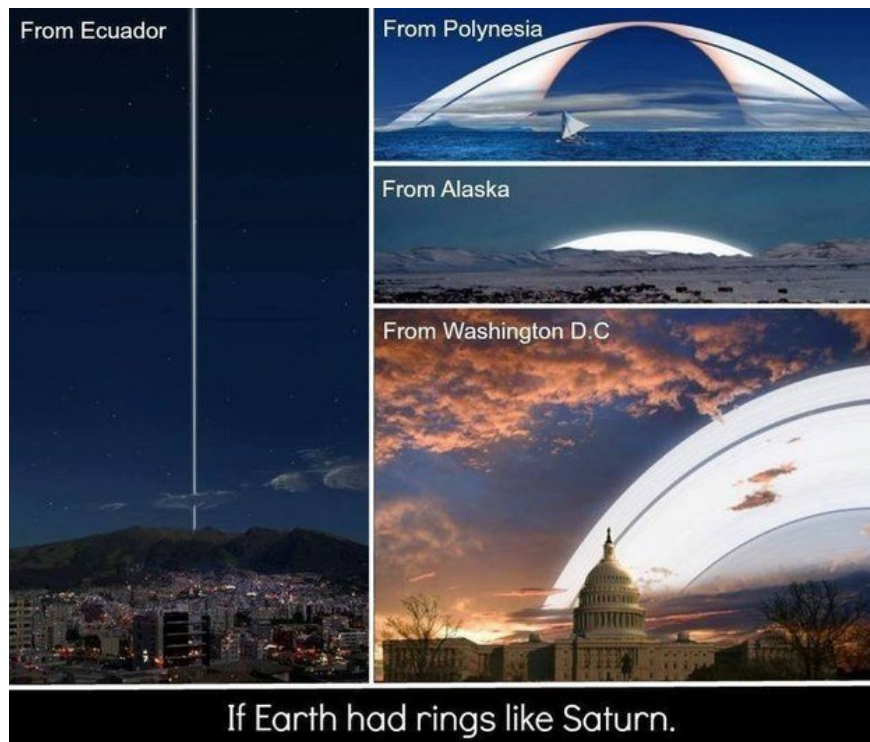
The average distance between the Earth and the Moon is 384,000km or 238,555 miles

And this is the size of the Earth (*six Earths*) compared to Saturn:



© astronomycentral

This is what happens to Saturn's rings when turning around the Earth:

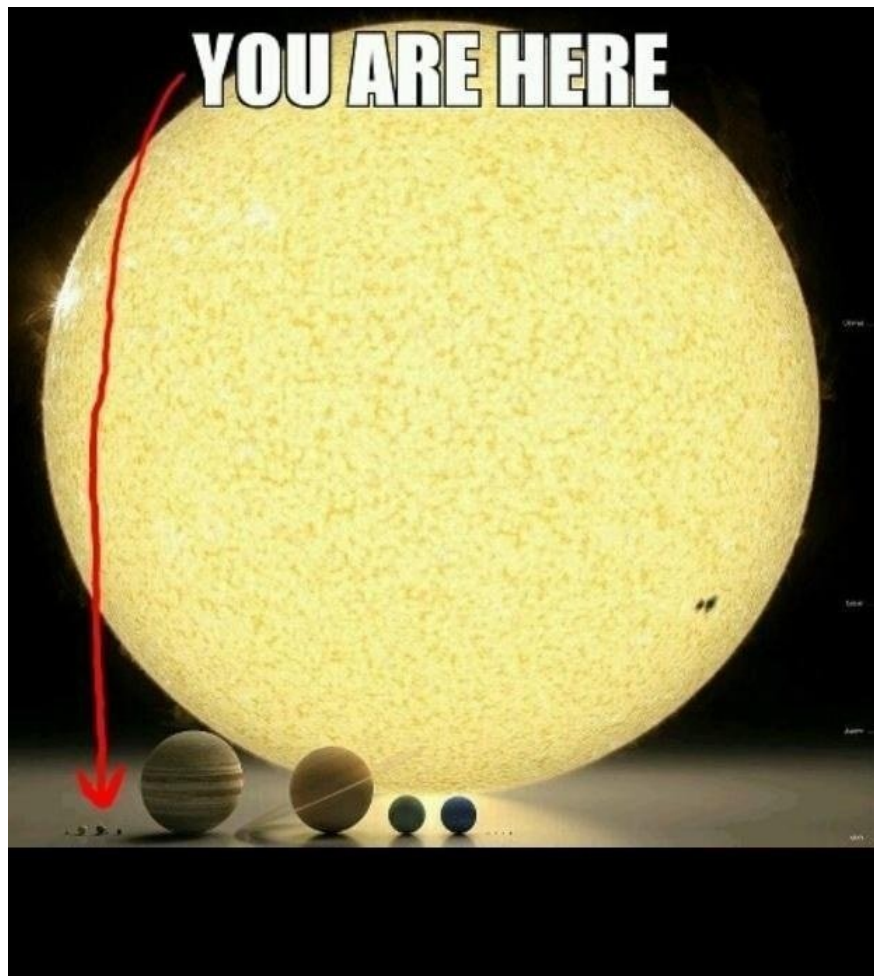


Below is a comet image when compared to Los Angeles:



© mentalfloss

But that is nothing compared to our Sun planet. Just remember:



We are here - We are here.

This is when observing the Earth from Mars:

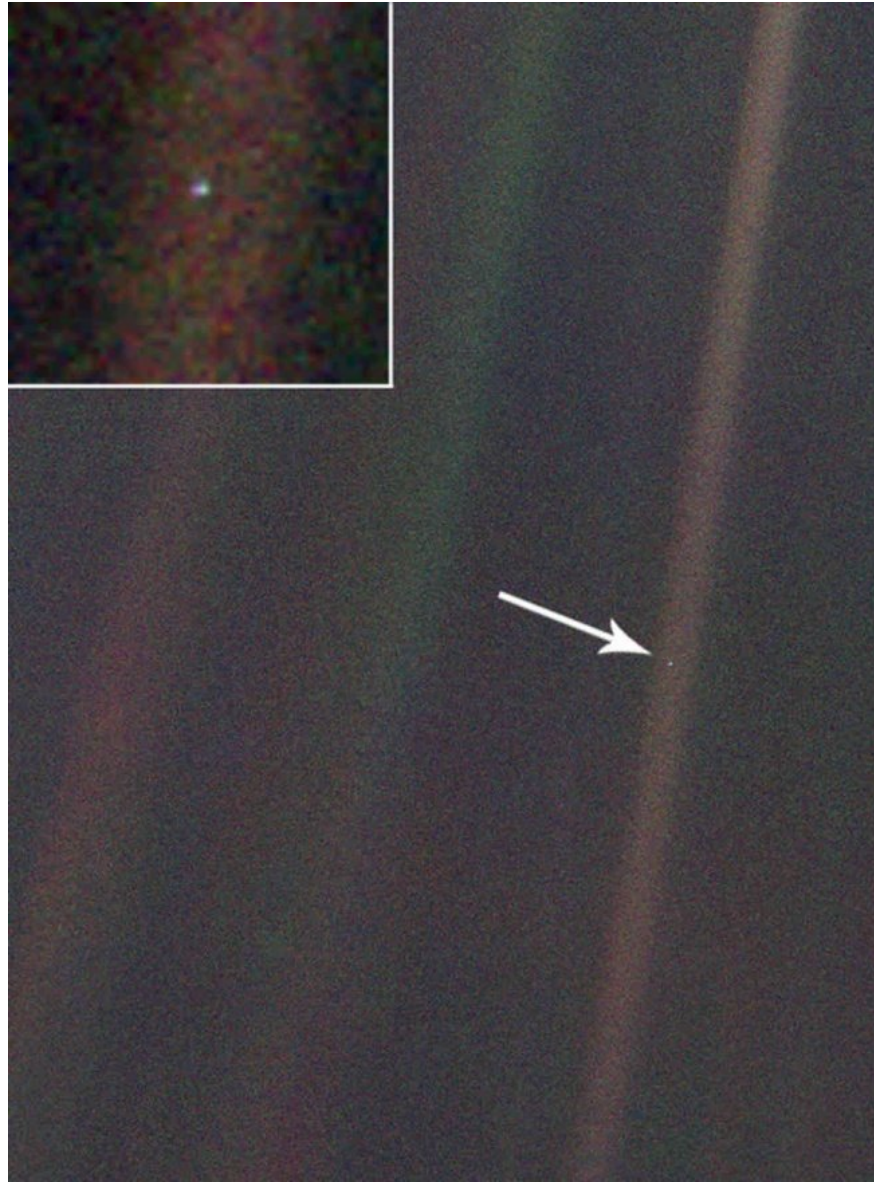


This is from behind the rings of Saturn:



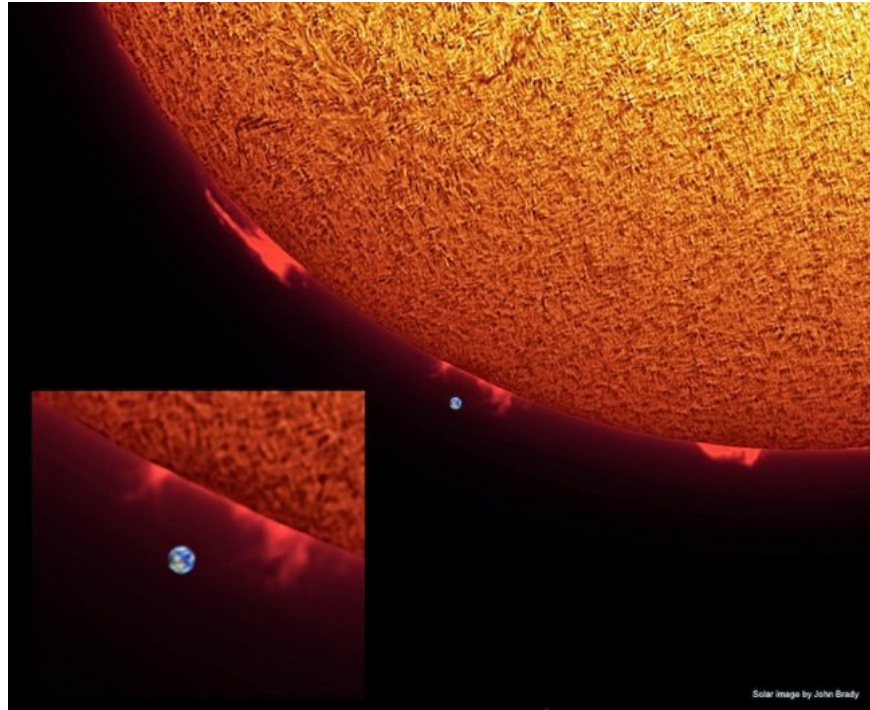
© bimg

And this is from the other side of Neptune, 4 billion miles away.



© thewondersofuniverse

Below is the size of the Earth compared to the size of the Sun. That's scary, isn't it?



© astronomycentral

And this is the Sun when viewed from the Martian surface:



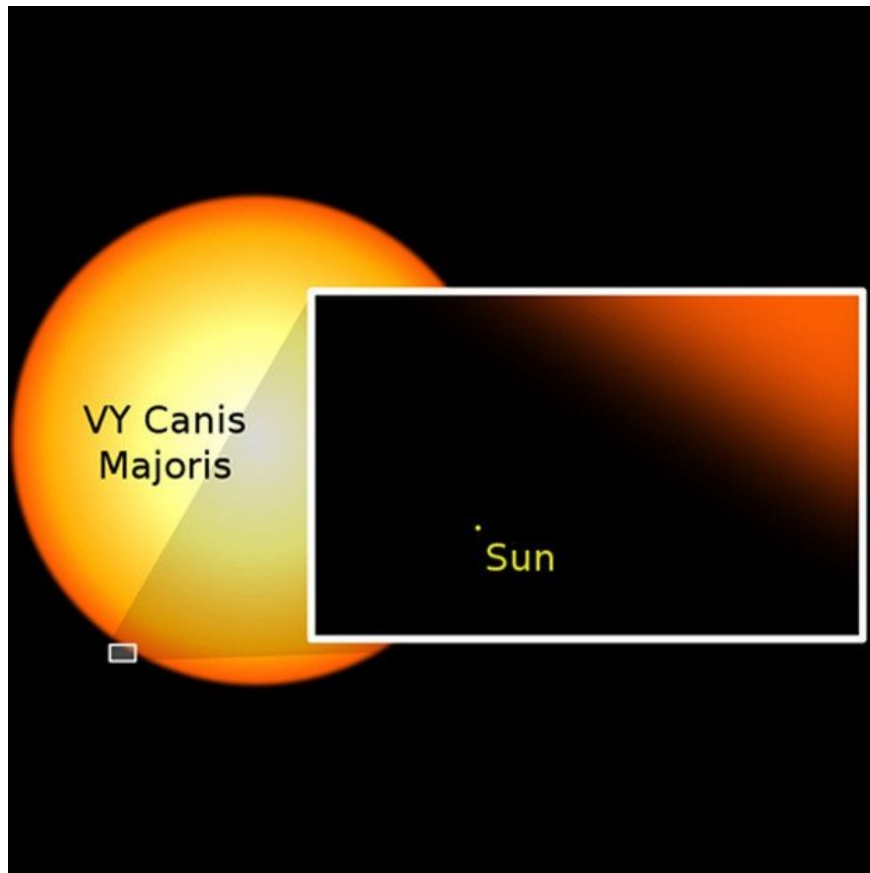
© spaceflightnow

However, that is nothing. Again, like Carl thought that there were more stars in space than sand grains on every beach on Earth:

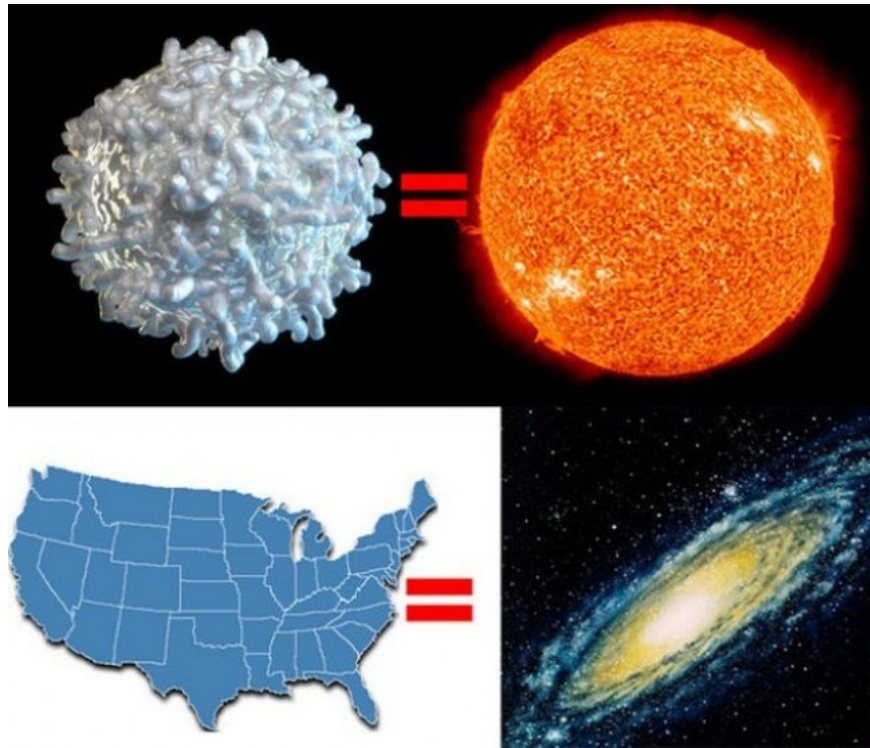


© buzzfeed

That means that there are many larger stars than the Sun. See how our sun is small and insignificant:



However, none of these stars are comparable to the size of a galaxy. In fact, if you shrink the Sun down to the size of a white blood cell and shrink the Milky Way to the same scale, the Milky Way will be about the same size as the United States:



© charliuss

That's because the Milky Way is so big. This is where you live inside:



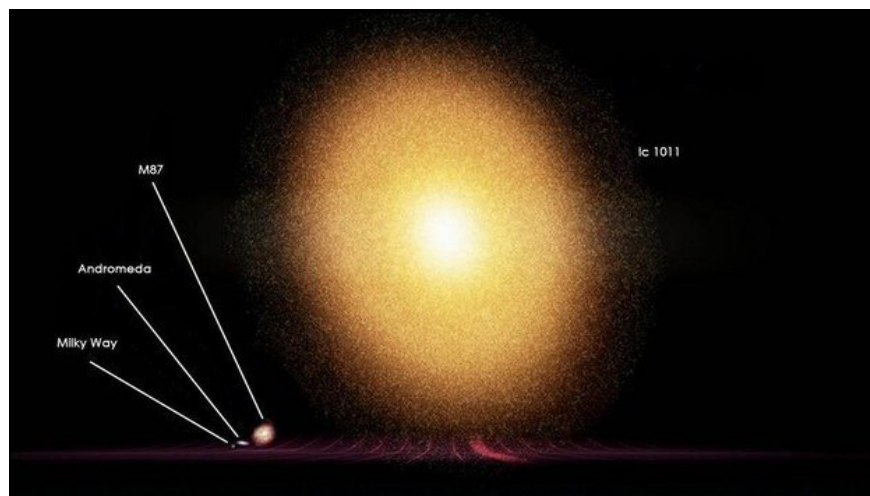
© teecraze

But this is everything you have seen so far:



All the stars you see are only part of this yellow circle.

But even our galaxy is a tiny dwarf compared to some other galaxies. Here is the Milky Way galaxy compared to IC 1011, 350 million light-years away from the planet Earth:



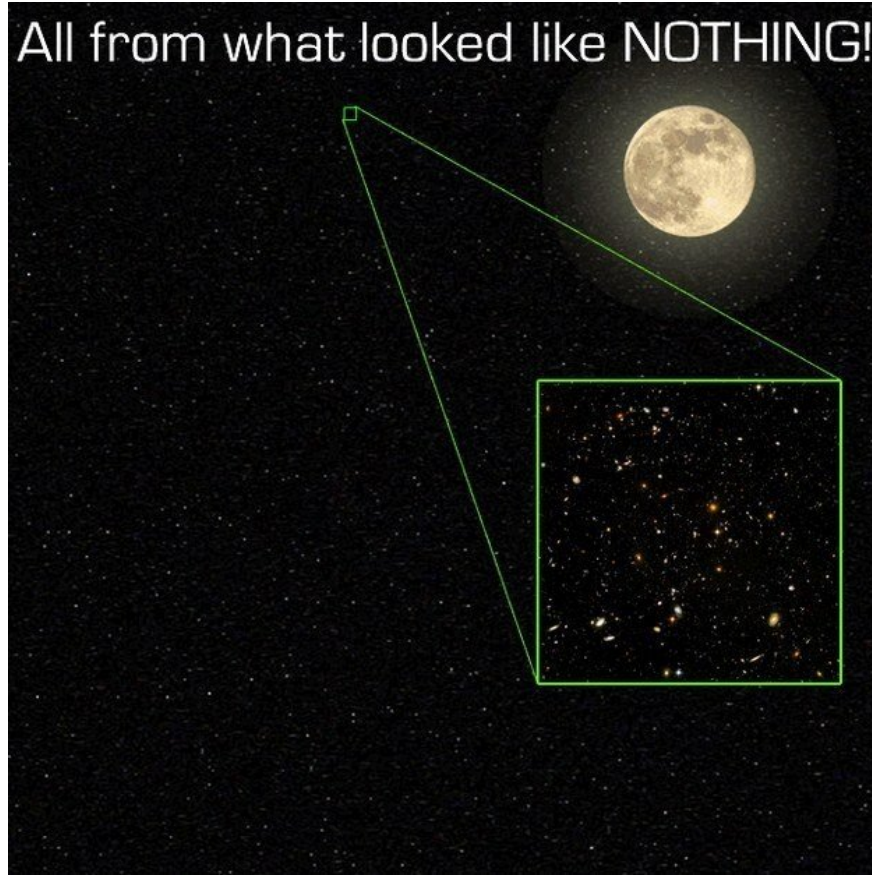
But think broader. Only in this picture taken by the Hubble telescope, there are thousands of galaxies, each containing millions of stars, each of which is our planets.



© hubblesite

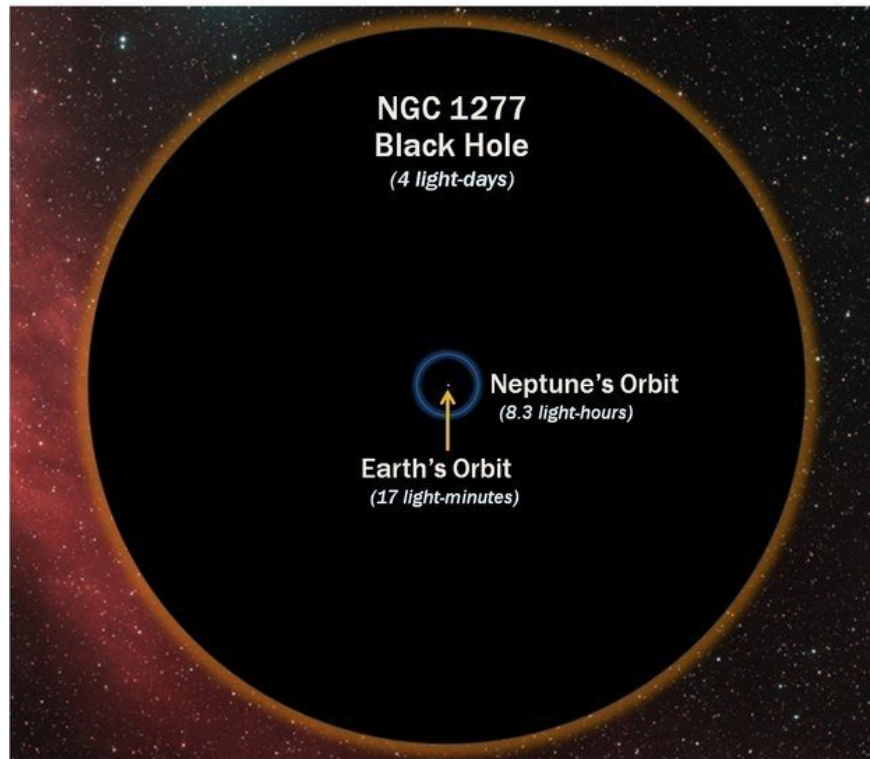
And just remember - it's a picture of a very small part of the universe. It is just an insignificant part of the night sky.

All from what looked like NOTHING!



WHAT EVERYTHING IS THAT IT IS SO!

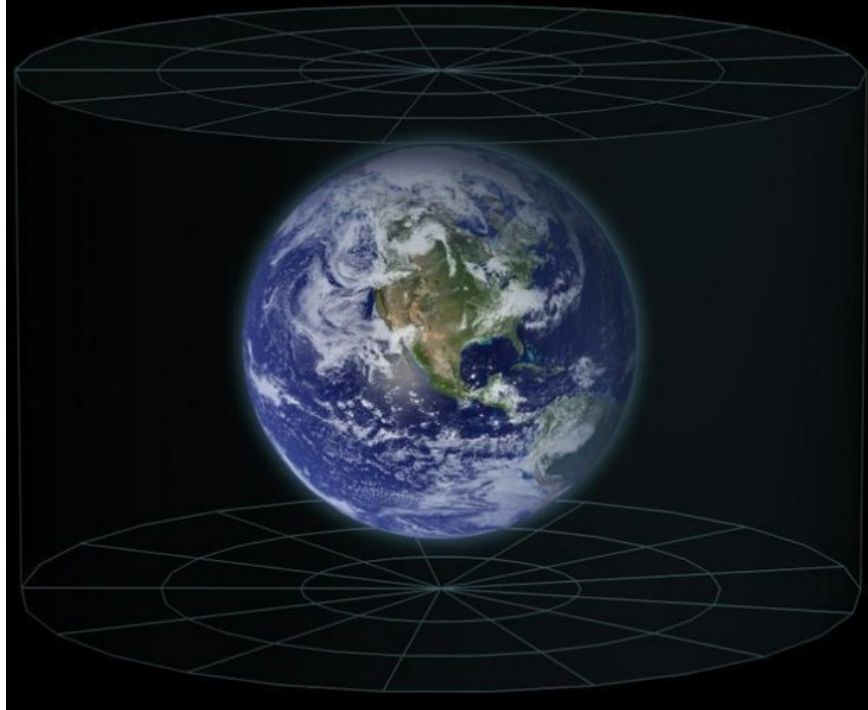
And you know, it's quite safe to assume that there are some weird black holes. Below is the size of a black hole compared to Earth's orbit:



1. Earth's Orbit (17 light-minutes) - Earth's Orbit (17 minutes of light)
2. Neptune's Orbit (8.3 light-hours) - Neptune's Orbit (8.3 light hours)
3. NGC 1277 Black Hole (4 light-days) - Black hole orbit NGC 1277 (4 light days)

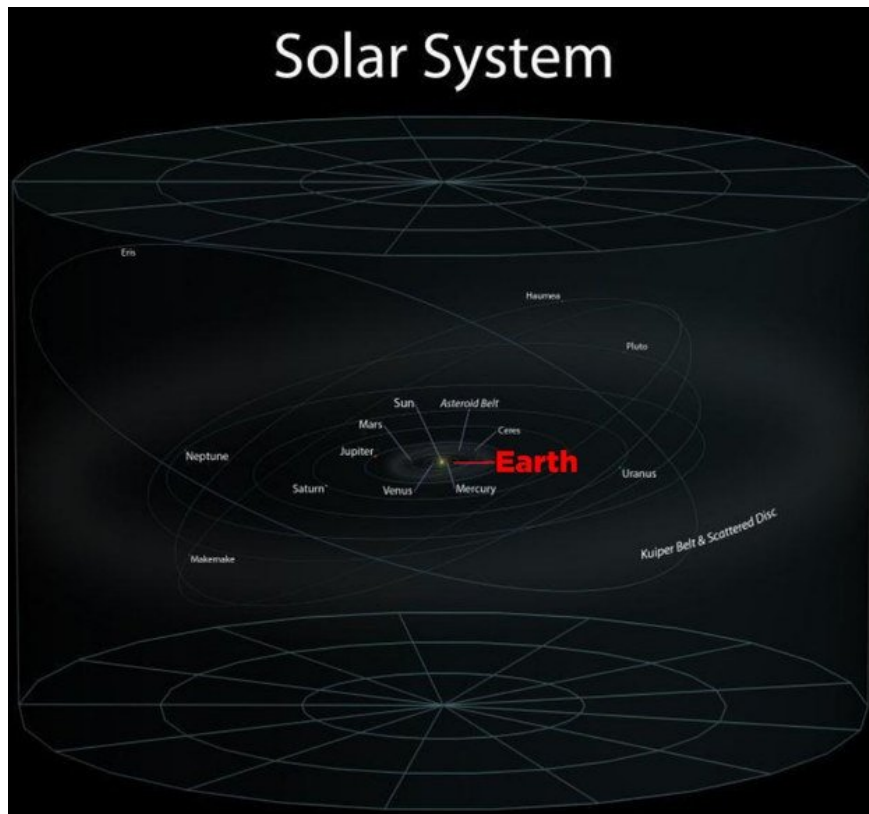
This is our planet Earth

Earth

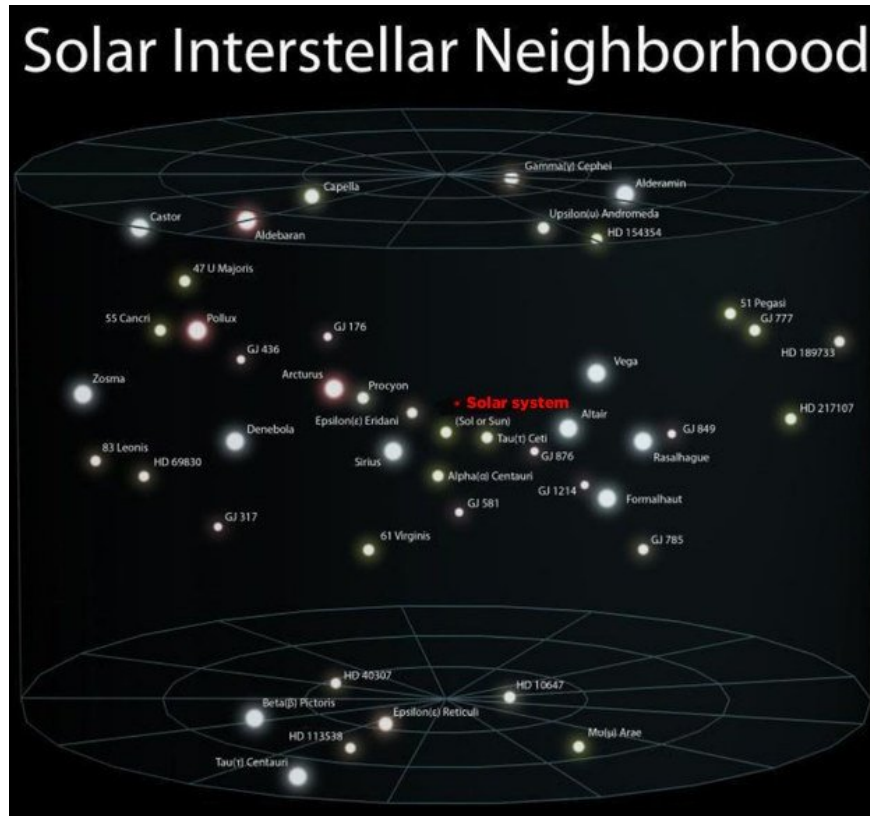


This is what happens when you shrink our solar system

Solar System



And this is what happens when you shrink even further .



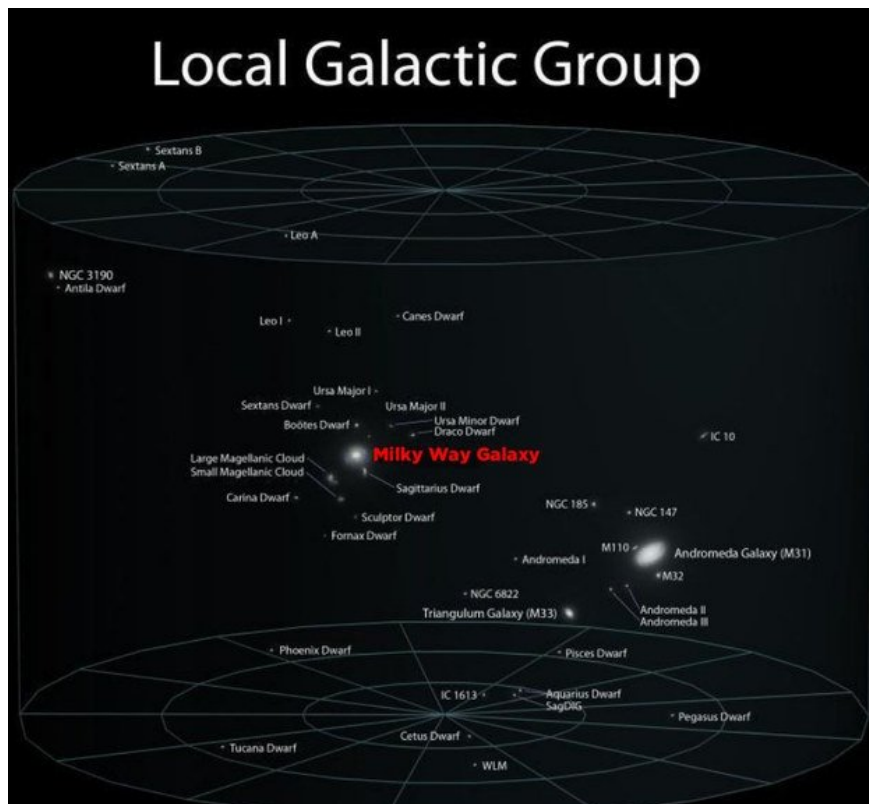
Solar Interstellar Neighborhood - Distance between adjacent Sun.
And further .

Milky Way Galaxy



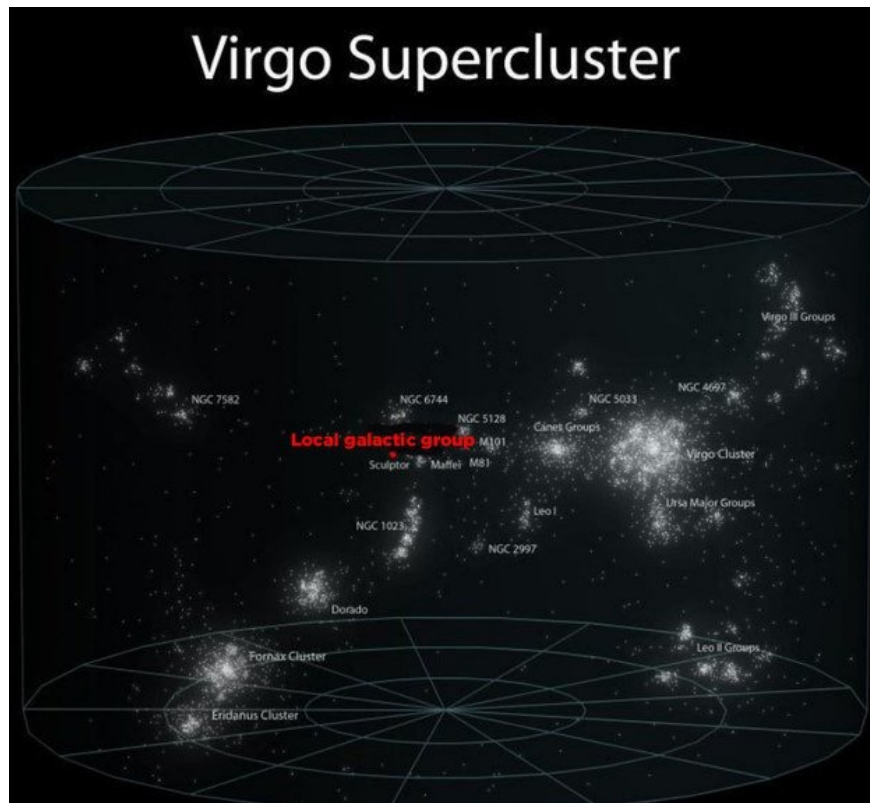
Continue.

Local Galactic Group



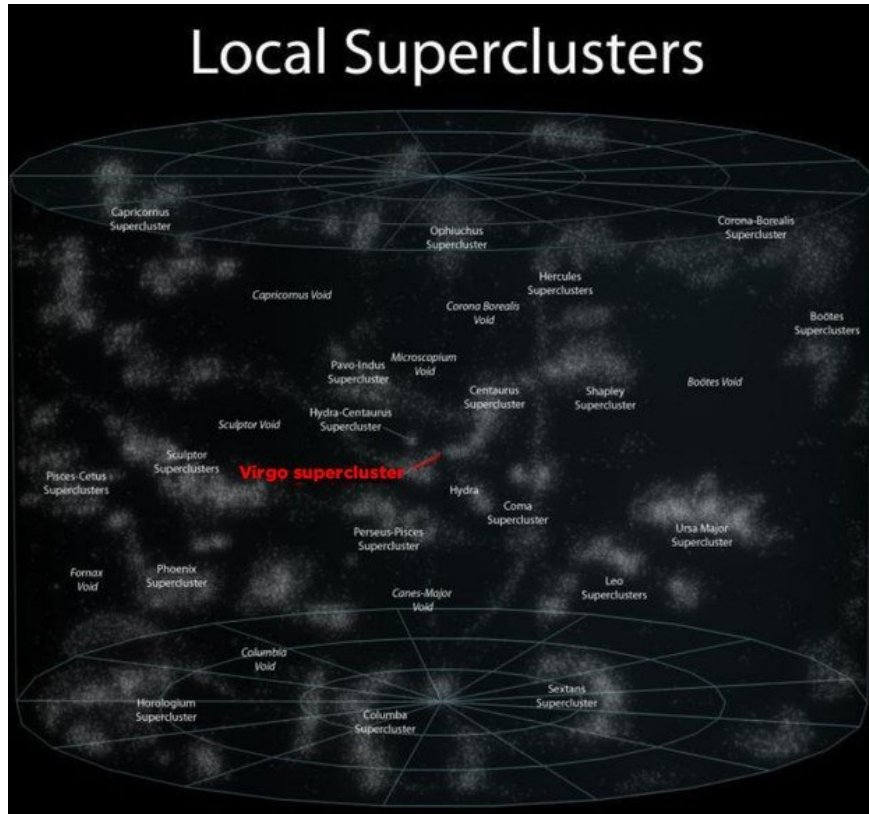
Local Galactic Group - A group of local galaxies

Just a little more .



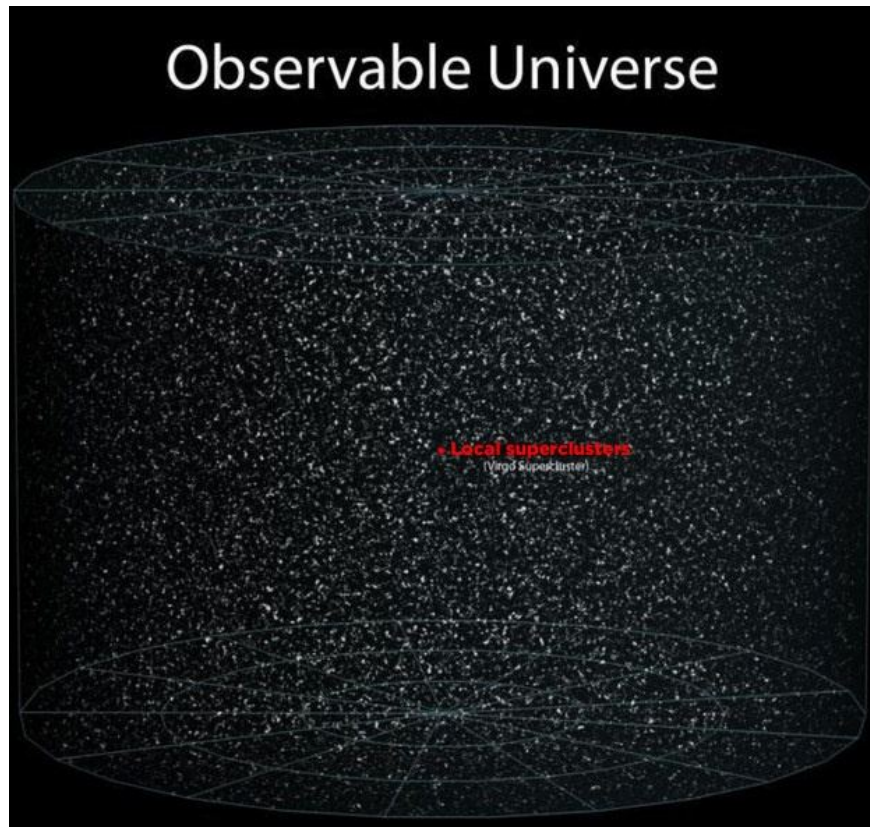
Virgo Supercluster - Virgo Super galaxy
Most are there .

Local Superclusters



Local Superclusters - Local super galaxies

Here is everything observed in the universe and the location of the planet Earth in it. Just a small ant in a giant jar.



Refer to some more articles:

1. Learn about extraterrestrial super-Earth - Gliese 581c
2. Science test: Potatoes can be grown on Mars
3. SpaceX reversed the plan to launch missiles on Mars by 2020

Having fun!

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