

ARE THERE TWO OTHER PLANETARY SYSTEMS IN SPACE?

BY **DESK TEAM** x JUNE 11, 2018 11:44 AM

Disclaimer: We use cookies to ensure that we give you the best experience on our website. If you continue to use this site we will assume that you are happy with it.

Ok

Read more

As the zest of humans for unveiling the dynamics of the universe keeps on increasing, it puzzles us every time with a new mystery. An article published in the Monthly Journal of the Royal Astronomical Society, brings ahead a spectacular discovery. It focuses on the research of an astronomical team. Diego Alonso led the team from the front. Diego hails from the University of Oviedo. The astronomical squad under the guidance of Diego closely monitored the data from the Kepler Telescope. The analysis of the data revealed the presence of two new planetary systems. Also, the Kepler Telescope data also shows the existence of three Earth-sized planets.

One of those planetary systems is at a distance of about one hundred and sixty light years from Earth. It is presumed to be comprised of three rocky planets. The radii of these planets are approximated to be equivalent to that of our Earth. The mass of the three rocky planets is 1.4, 0.9 and 1.3 concerning the mass of Earth. The celestial bodies are found to be red dwarf stars with the subsequent orbital periods of about 5.24, 7.78, and 10.1 days. The effective temperature of the star is approximated at around three thousand four hundred degrees Kelvin. The temperature is about one and a half times less in comparison with Sun.

The focal point of the second planetary system marks the presence of another red dwarf star. The star carries an effective temperature of about three thousand eight hundred degrees Kelvin. This temperature is not compatible for life survival. When you have a close look at this system, you will find two super-Earths revolving around the red dwarf. Both super-Earths are as massive as our planet and about five times heavier than it.

The future endeavors focus on the examination of the atmospheric features and the habitability of the two planetary systems.

DESK TEAM

Desk Team, the stories are reported by team members of Sunrise News or other reliable sources and news agencies.

Disclaimer: We use cookies to ensure that we give you the best experience on our website. If you continue to use this site we will assume that you are happy with it.