

Exoplanet Kepler-9b transit observation in Taurus Hill Observatory

Star USNO-B1.0 1284-0331019 (also known as Kepler-9) has estimated to be three transiting exoplanets from the Earth point of view. Two of them are gas giants that have a revolution times of 19 and 38 days. The remaining exoplanet is only 1,5 times bigger than Earth and near the star. Taurus Hill Observatory research team tried to measure the light curve of the exoplanet Kepler-9b 30./31.8.2010. In the light curve below You can see a small dimming (7 mmag). The THO research team managed to observe and measure the first half of the transit. Team used 20 comparison stars for measurements and the exposure time for each picture was 90 sec. In the light curve below one dot is a mean value combination of five consecutive measurement.

About the Author

HarriH

Source: <http://english.taurushill.net>