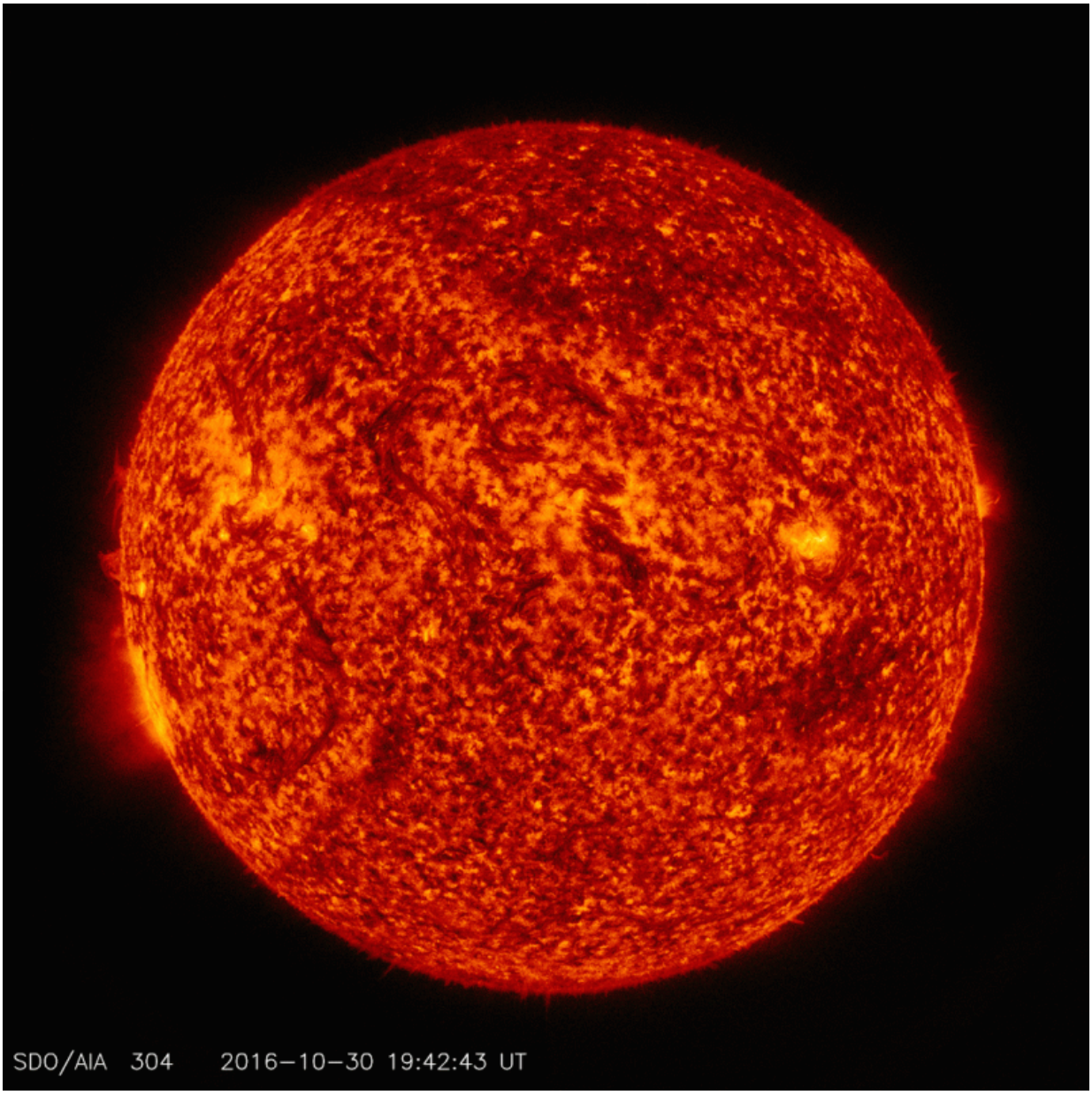
Image: NASA's SDO catches a lunar transit

November 1 2016, by Lina Tran



On Oct. 30, 2016, NASA's Solar Dynamics Observatory, or SDO, experienced a

partial solar eclipse in space when it caught the moon passing in front of the sun. The lunar transit lasted one hour, between 3:56 p.m. and 4:56 p.m. EDT, with the moon covering about 59 percent of the sun at the peak of its journey across the face of the sun. Credit: NASA's Goddard Space Flight Center/SDO/Joy Ng

From SDO's point of view, the sun appears to be shaking slightly – but not because the solar observatory was spooked by this near-Halloween sight.

Instead, the shaking results from slight adjustments in SDO's guidance system, which normally relies upon viewing the entire sun to center the images between exposures.

SDO captured these images in extreme ultraviolet light, a type of light invisible to human eyes. The imagery here is colorized in red.

Provided by NASA