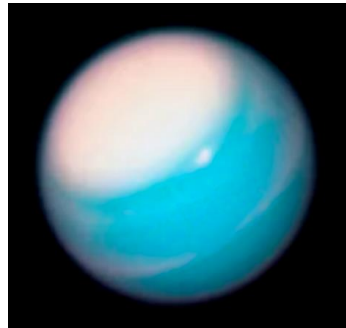


**Snow and extreme cold alternated with balmy weather with very poor seeing, frustrating imagers.**

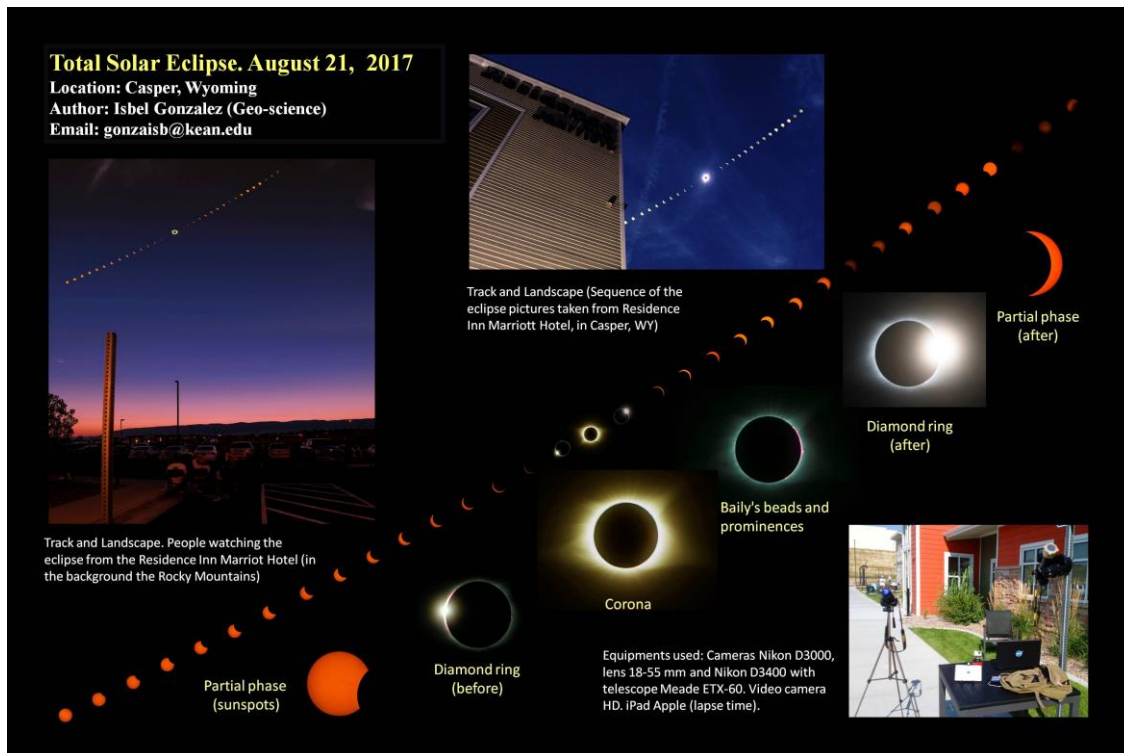
**Solar system:** Clif Ashcraft has joined just a handful of people who have successfully imaged an *albedo feature on Uranus*, the bright polar hood over the tilted north pole. He used the best 25% of one shot color images and NIR images taken with his 7.25" Schupmann Medial telescope.

He said that he is afraid that this is an exercise in grasping at the limits of his equipment and the local seeing. The *Hubble Space Telescope also took a Uranus image* (A. Simon, M. Wong, A. Hsu) in November 2018. The cloud was huge, covering the northern hemisphere down to about 50 degrees North latitude. Clif was pleased that his image was similar to the image by the HST.



Mars and Uranus are quite close to one another in the sky right now so Clif also continued to image Mars as it recedes from us.

Isbel Gonzalez, a new member in AAI, sent his pictures of the total solar eclipse of August 2017 as seen from Casper WY, including a *poster* he made while studying at Kean University.



**Other:** John Kozimbo pointed out that the US Mint has just released the 2019 Native Americans in the Space Program \$1 Coin. The design shows mathematician and engineer Mary Golda Ross writing calculations, and John Herrington spacewalking above.

John also reported our farewell to Opportunity, a long-lived rover on Mars on February 13.

He also cheered NASA's Best Budget in a Decade.

Aaron Zuckerman pointed out a recent photo of the Moon and Earth together from a Chinese lunar satellite DSLWP-B (Longjiang-2), but Tony Sharfman prefers the view a few years ago *from NASA's DISCOVER spacecraft*. Notice the low albedo of the Moon because it is made of dark basaltic rock.

*Respectfully submitted, Mary Lou West, Research Chair*

