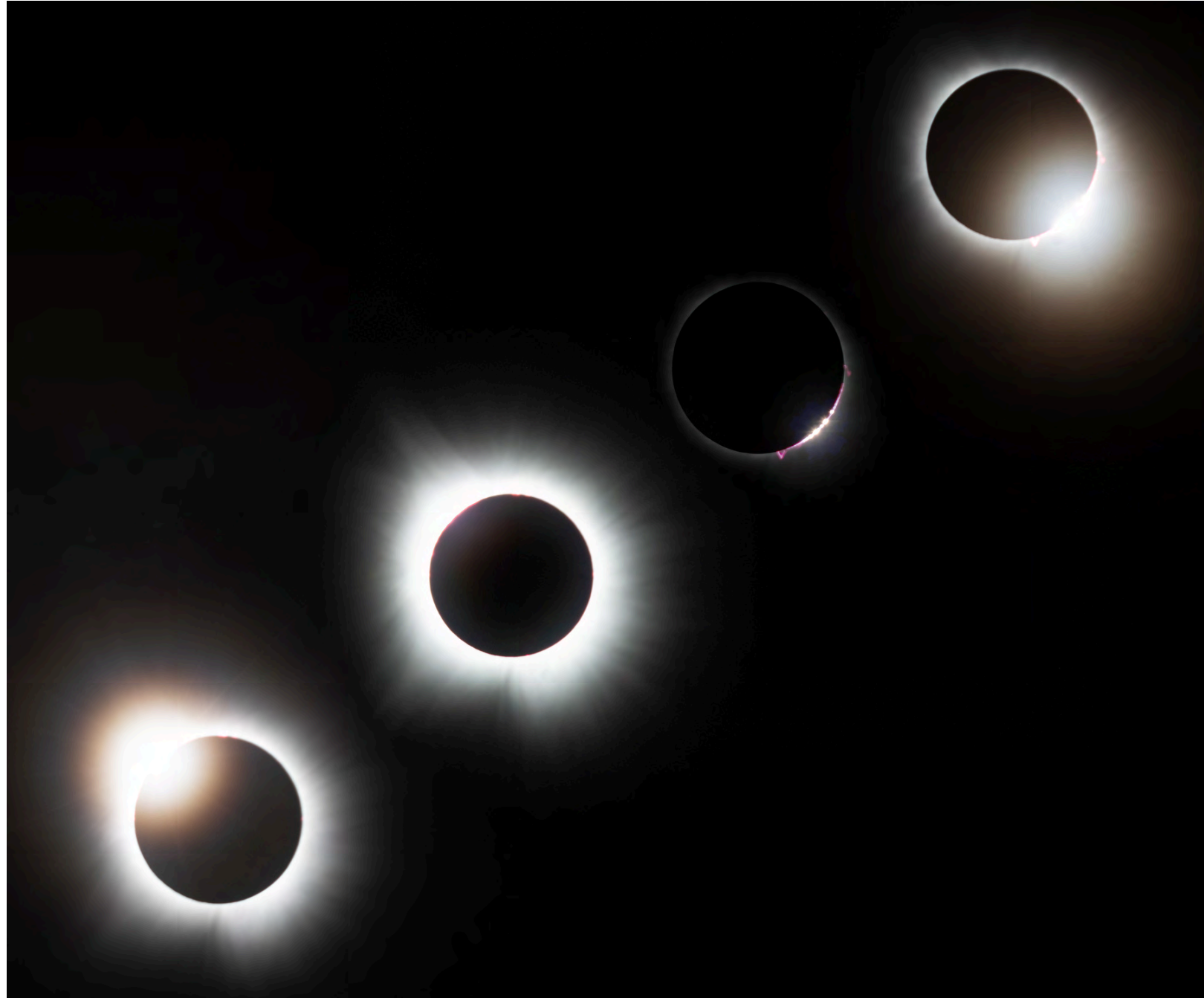


# The Objective Lens

University Lowbrow Astronomers Monthly Newsletter Supplement

May 2024



From **GLENN KAATZ**. Photos of totality.

Note: A special page dedicated to the April 8 Total Eclipse is on our website  
<https://lowbrows.club/eclipse-april-8-2024>



From **DAVID COOKE**. Solar Flares



From **KATHY & KURT HILLIG**. April 8 eclipse composite.



From **DOUG BOCK**. From Bowling Green, Ohio



From **DOUG NELLE**.





From **ADRIAN BRADLEY**. It was a beautiful Sunday night indeed. Here we have Brian Ottum working on his image of the IFN surrounding the M81/M82 region. Meanwhile the Perseus/Casseopeia part of the Milky Way rises, with the top of an aurora outburst peeking above the trees at Glennie Sportsman Club in Glennie, MI - nestled within the Huron Manistee National Forest. The SQM-L reading got to 21.65 out here - Bortle 3 skies.



From **GLENN KAATZ**. I finished my latest astroimaging project last night and thought I would share it with you. This is M97, the Owl Nebula. M97 lies in Ursa Major and I was drawn to it as I have a love of owls. It is aptly named, with the big eyes looking back at you!

Acquisition details:

Celestron Edge HD 8 inch with a Celestron 0.7X reducer  
Celestron CGX mount  
ASIAir plus controlling microcomputer  
ASI1600MM Pro imaging camera  
ZWO electronic automatic focuser  
ZWO 8 position electronic filter wheel  
Astrodon 5nm HA, ZWO 7nm OIII and SII filters  
ASI174 MM mini guide camera mounted on a Celestron off-axis guider

92 five minute frames captured over three nights (30 Ha, 30 OIII, and 32 SII); 7 hours 40 minutes of integration time

Processing: Pixinsight, RC-Astro Noise, Star, and Blur XTerminator  
Pixinsight plug-ins, and Photoshop for fine-tuning



From **KENNETH RUBLE**. M51 Whirlpool Galaxy

Stats: 164 one minute light subs, 10 dark subs, 10 bias subs.

Equipment: 40D Canon camera, CG-5 Mount, 6 inch Ritchey-Chrétien Telescope.

Processed with ImagesPlus, and Topaz Denoise AI.





From **KATHY HILLIG**. April 8 Solar Eclipse. I'm still going through my eclipse photos from Mazatlan, Mexico. It was slightly hazy that day. This is my favorite photo because of the interesting prominences.



From **GLENN KAATZ**.



APRIL 8, 2024

VINCENNES, IN

From **GLENN KAATZ**. April 8 Solar Eclipse sequence





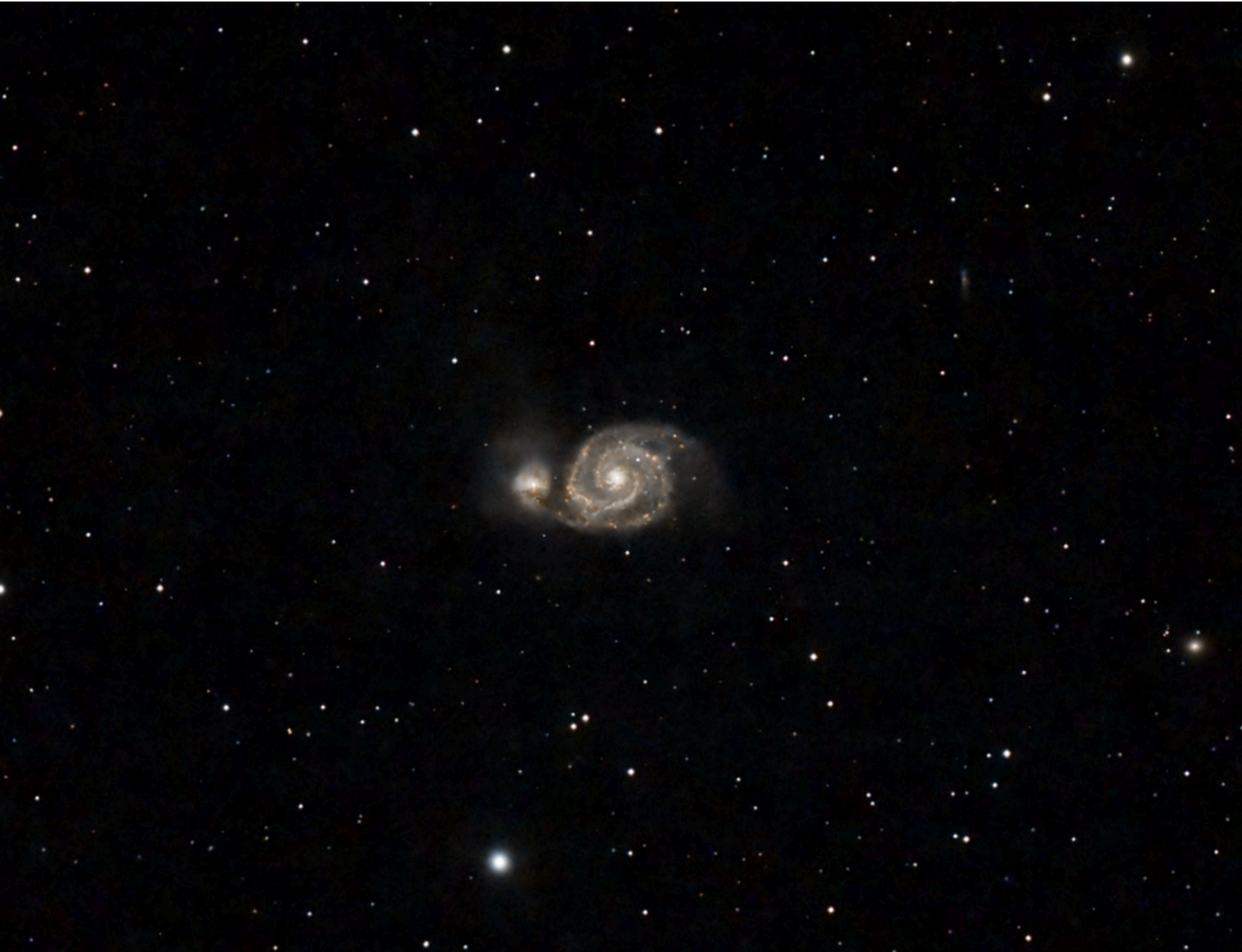
From **WILLIAM LOCKWOOD**. April 8 Solar Eclipse sequence





From **ADRIAN BRADLEY**.. Taken during Open House at Peach Mountain





From **GARY NICHOLS**. M51



From **DOUG SCOBEL**. After some annoying cloud cover cleared this evening, we were treated to the conjunction that Nathan told us about. I was too late for the comet, but lo and behold I was able to capture the moon with strong earthshine, Jupiter at lower left, and Uranus (arrowed). The moon is necessarily overexposed to be able to get the planets to show up.

For you photography nuts: Canon EOS 5D Mark IV DSLR, Canon EF100-400 f/4.5-5.6L IS II USM lens set to 160mm. 1 second at f/5.0, ISO 400. RAW file processed in Photoshop Elements 2020



*Diamond Ring just after totality*

*Date/Time: 04-08-2024 3:22pm EDT*

*From Findlay, OH*

*Yogesh Chavarkar*

*Member LightBenders & Lowbrows Astronomy Club*

*Ann Arbor, Michigan*

*Equipment: Seestar S50*

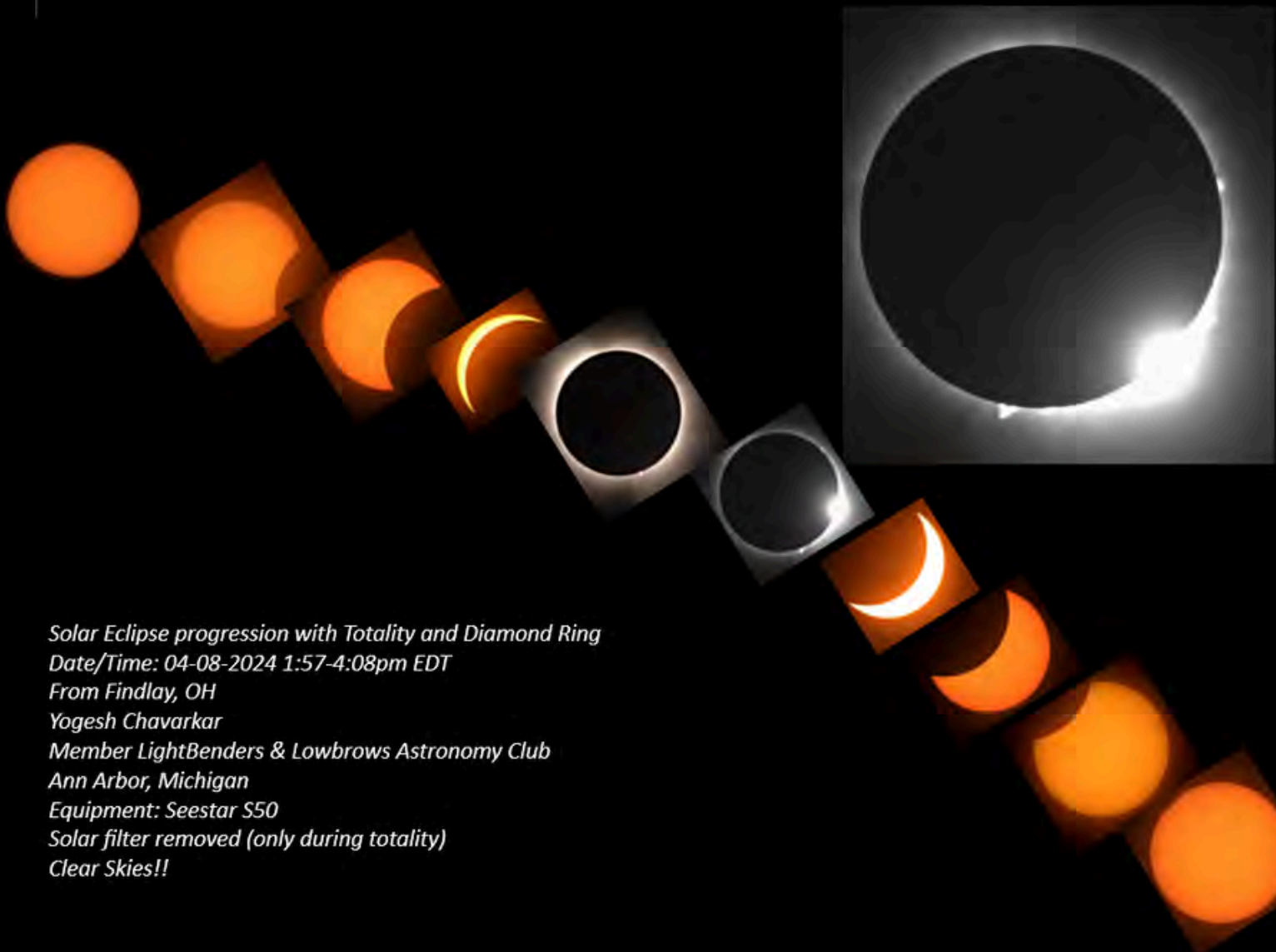
*Solarfilter removed (only during totality)*

From YOGESH CHAVARKAR.





From **MATTHEW WEST**. On the edge of the path in Ohio.



*Solar Eclipse progression with Totality and Diamond Ring*

*Date/Time: 04-08-2024 1:57-4:08pm EDT*

*From Findlay, OH*

*Yogesh Chavarkar*

*Member LightBenders & Lowbrows Astronomy Club*

*Ann Arbor, Michigan*

*Equipment: Seestar S50*

*Solar filter removed (only during totality)*

*Clear Skies!!*

From **YOGESH CHAVARKAR.**



From **HARRY L. ANDERSON III**

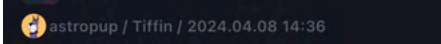




Seestar

Sun

astropup / Tiffin / 2024.04.08 14:36



Seestar

Sun

astropup / Tiffin / 2024.04.08 15:04

From **DORIAN JURGLE.**

Seestar

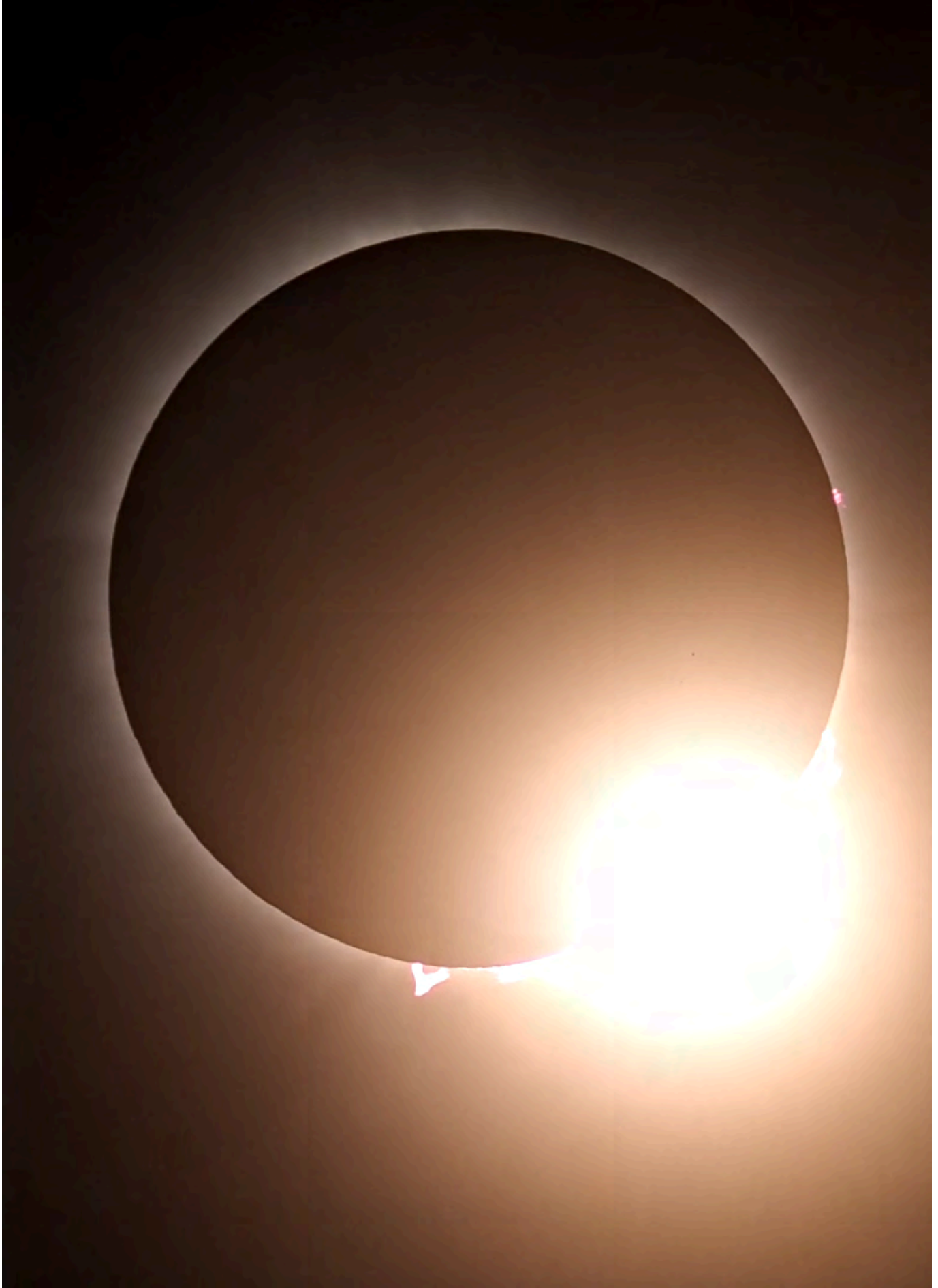
Sun

astropup / Tiffin / 2024.04.08 15:14





From **ADRIAN BRADLEY**. High clouds, but still got something!



From **GARY NICHOLS**. Diamond Ring from Indiana.



From **DAVID COOKE.**

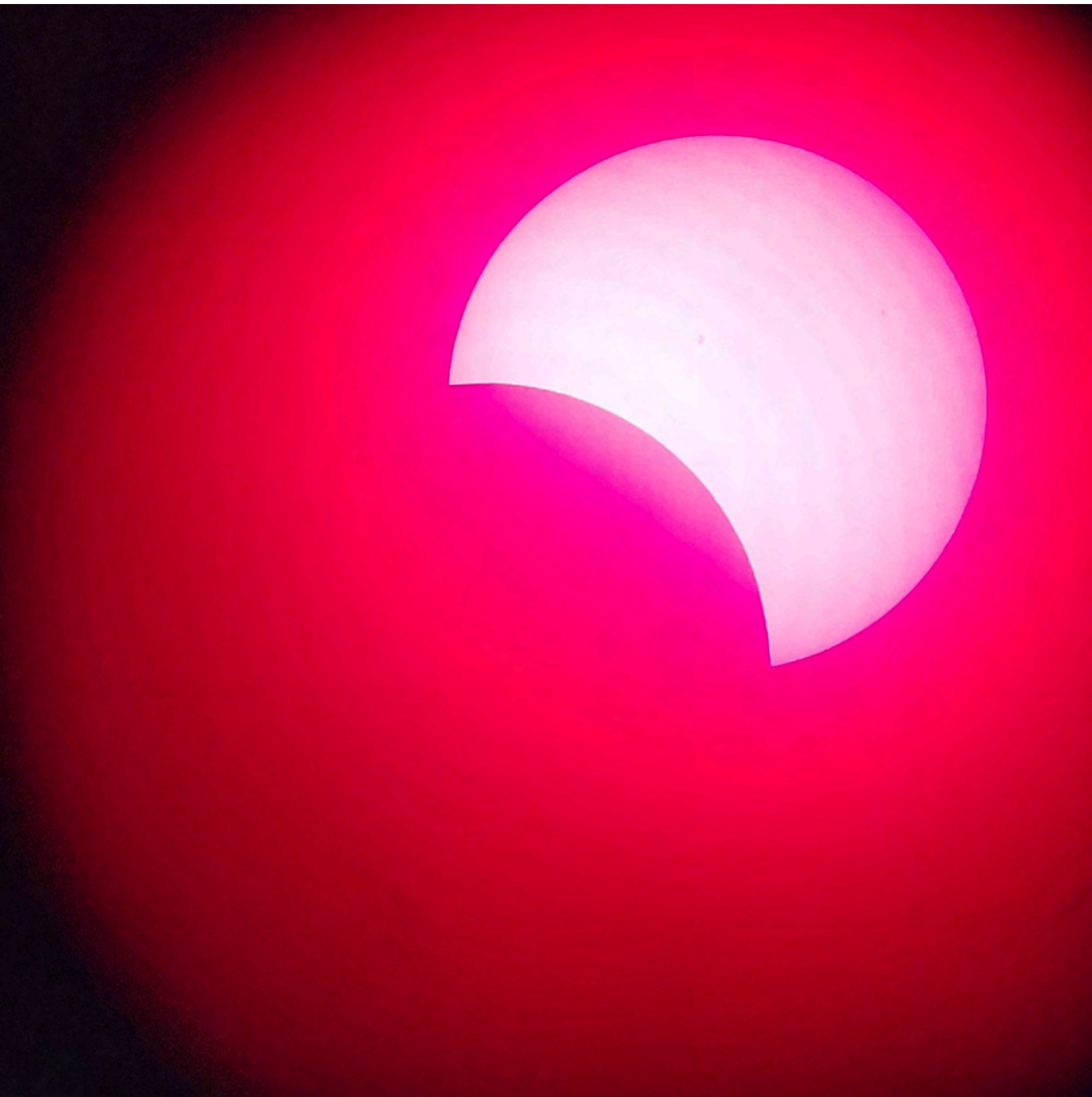




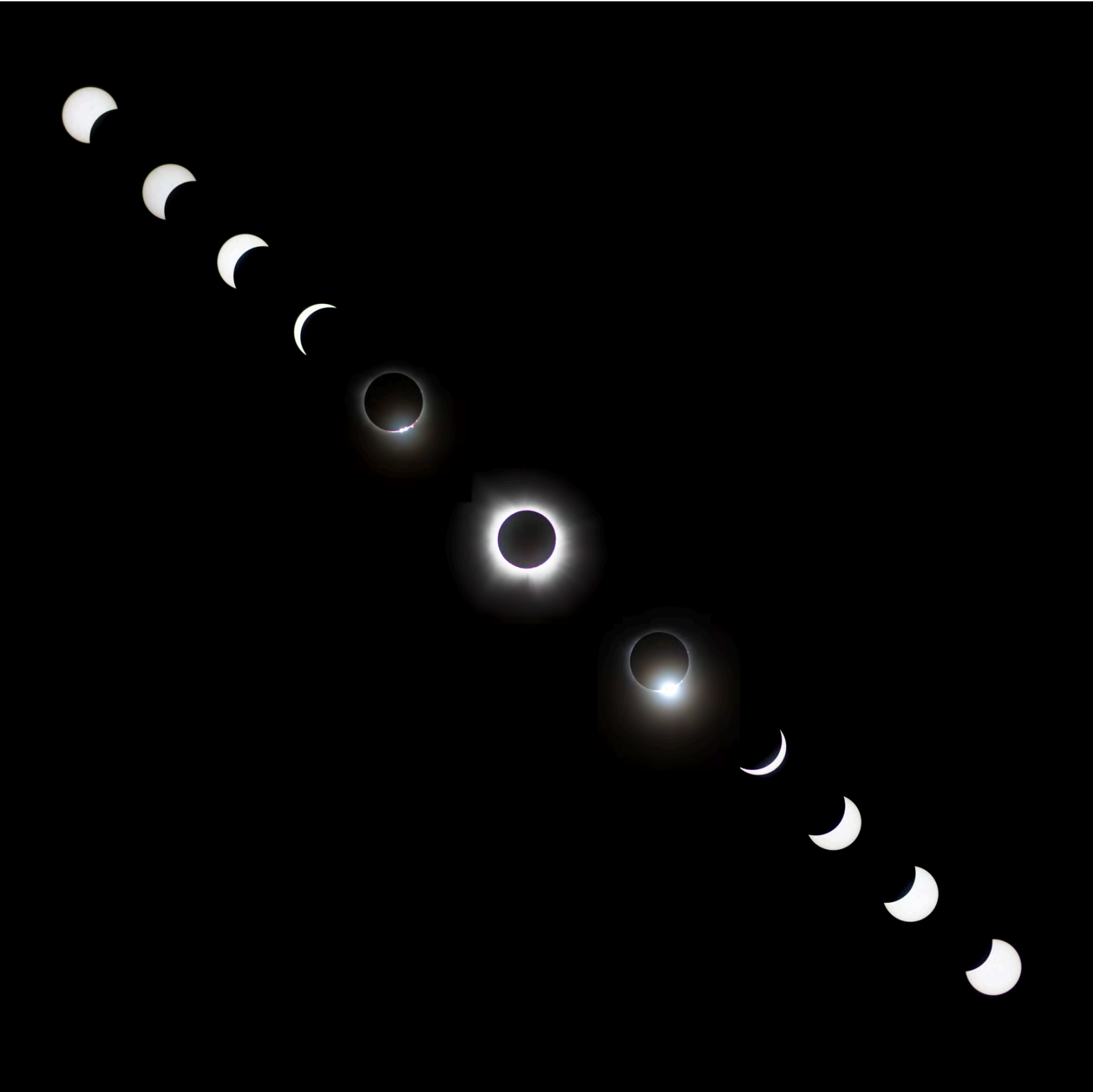
From **KURT HILLIG**.







From **JEFF KOPMANIS.**



From **AMY CANTU**