



ASTROFILES

Auburn Astronomical Society Newsletter

August 2017

John Wingard - Secretary/Treasurer - Auburn Astronomical Society - jwin1048@gmail.com

September Meeting Notice

The next meeting of the Auburn Astronomical Society will be Friday, September 8, 2017. This is a week later than our usual first Friday schedule in order to avoid the Labor Day weekend and the first Auburn University home game. We will meet at 7:45 PM CDT in Room 215 of Davis Hall (Aerospace Engineering) on the AU campus. More specific information on the location of the building and room can be found on the AAS web page at

<http://www.auburnastro.org>

Wind Creek State Park Star Gaze

There are two star gazes still on the schedule at Wind Creek State Park. They are as follows:

Saturday, September 23, 2017 – 6:00 PM CT

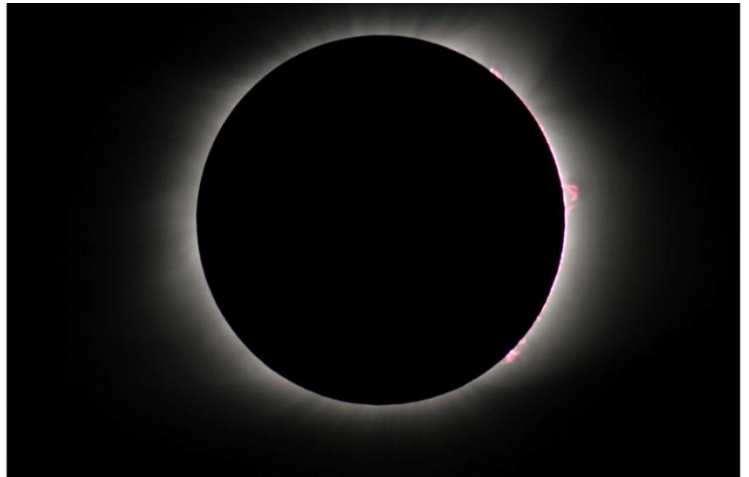
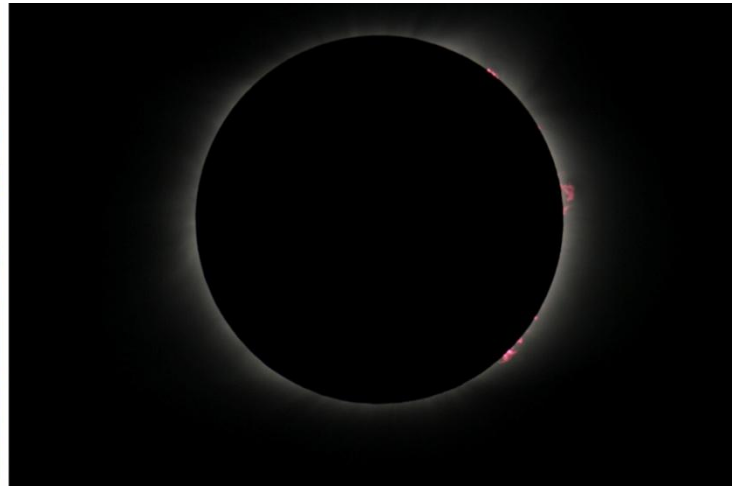
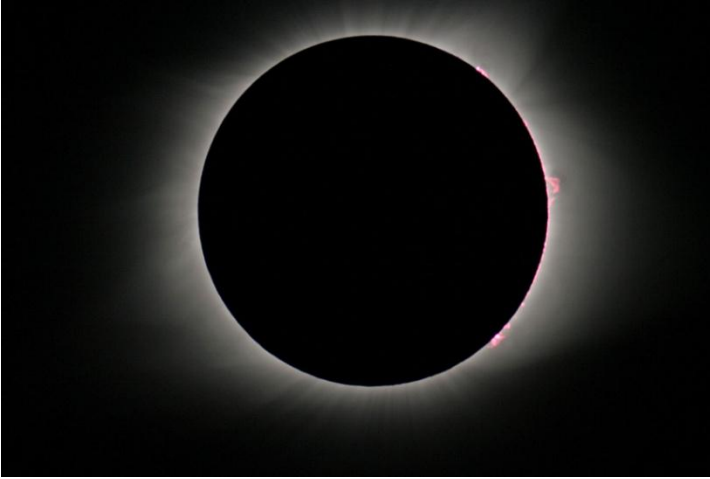
Saturday, October 14, 2017 – 5 PM CT

Please refer to previous newsletters for more specific directions to the observing site.

The Great American Solar Eclipse

The solar eclipse of August 21, 2017 was probably the most publicized solar eclipse ever, mainly because it was so accessible to most of the country even if you were not willing to travel to be in the path of totality. We hope that everyone had an opportunity to view this glorious spectacle from wherever you happened to be. Several AAS members traveled to the path of totality and others simply viewed the eclipse from their home locations. On the following pages are some of the eclipse photos that AAS members have posted so far. If you have any other photos, please submit them to me at the above e-mail address and I will include them in the next issue of Astrofiles.

AAS member Mike Lewis and son David traveled to Athens, TN to view and photograph the eclipse. The following photos are courtesy of Mike. He used a Meade 127ED f/9 APO refractor and a Canon XT DSLR.





AAS Member Joe Jackson photographed the eclipse from his location in Lowndesboro, AL. He used a Meade EX90 with a Nikon D70 on an iOptron GPS ALT-AZ mount.

Eclipse Aug 21, 2017, 3:02 PM CDT at N32deg 16' 15", W 86deg 32' 54"



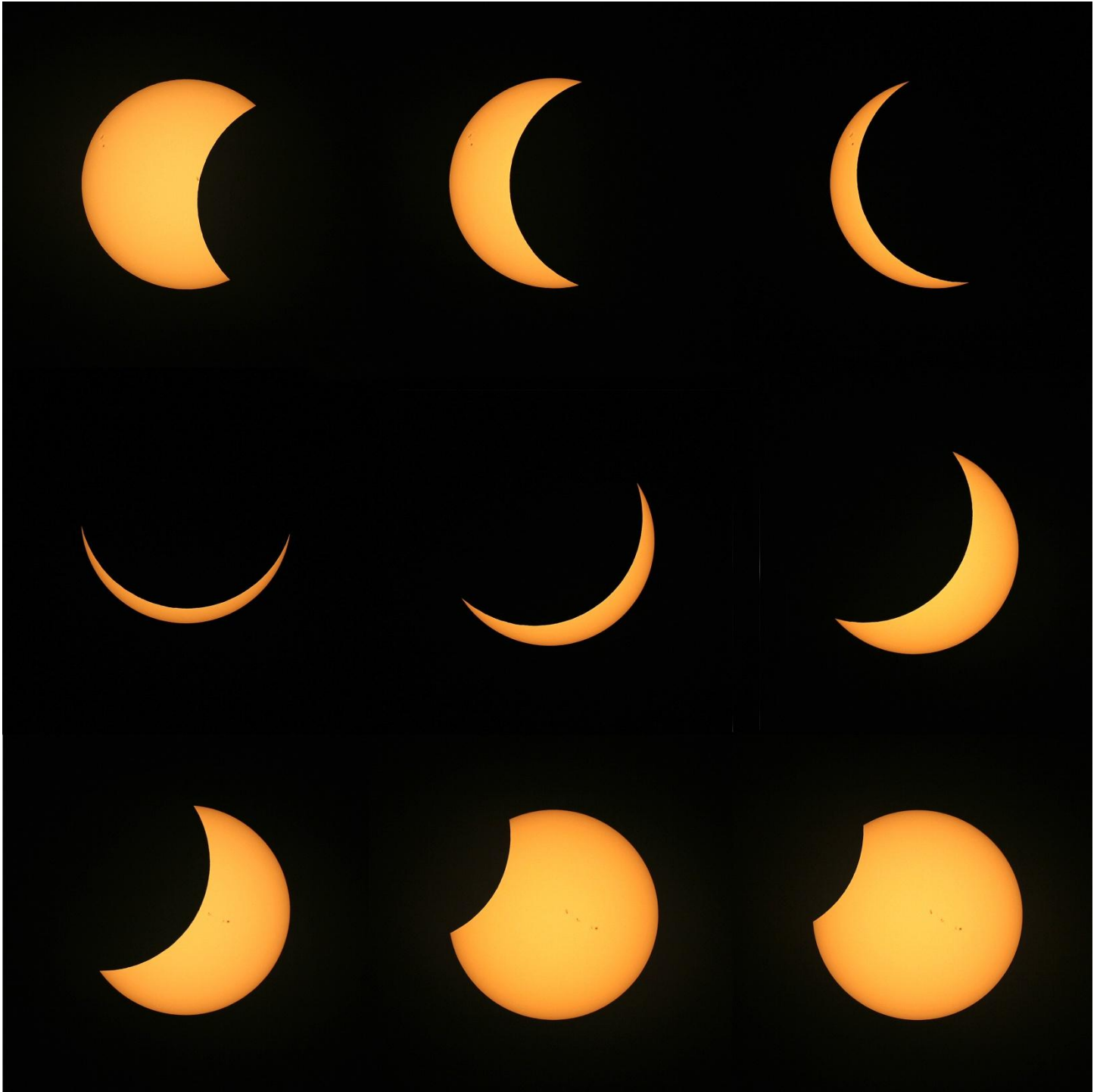
Eclipse August 21, 2017, 12:53 CDT at 32deg 16'15"N, 86deg 32' 54"



AAS members Melanie Folds and Camryn Smith traveled to Lake Burton in Rabun County, GA to view the total eclipse. Camryn took these photos with her phone.



AAS member John Wingard stayed home in Columbus, GA to photograph the eclipse. He used a William Optics GT-102 ED APO refractor, Thousand Oaks solar filter and a Canon 600D DSLR.



Here is a link to some exceptional photos of the eclipse taken by Scott Thompson who traveled to Tellico Plains – Cherolala Skyway in Tennessee. The photos are too numerous to show here, but click on this link to go to the photo site: <https://flic.kr/s/aHsm1DifVY>

And finally, I want to pass this along to the members. Recently I received an offer for a free subscription to the magazine Popular Astronomy. I must admit that I was not familiar with this publication. As it turns out, its origins go all the way back to 1893 and has been published off and on since then. Apparently it is starting back up now, this time in a digital-only format and it's free. Along with this magazine, there are two other publications that you can also chose to receive, Popular Electronics and Mechanix Illustrated. I once did subscribe to these two magazines. So, I went to their web site and subscribed to all three. I just received my first Popular Astronomy issue and it is quite nice – not so much technical topics but quite a few interesting articles of a more historical nature. Here is the URL where you can go to sign up: <http://www.technicacuriosa.com>

We hope you enjoyed this special edition of

Popular Astronomy

We'd love to hear your thoughts and learn more about what you'd like to see in future issues. Contact us [here](#)

In the meantime, please [subscribe—it's FREE](#)

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2017

January

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April

Su	Mo	Tu	We	Th	Fr	Sa
						1
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July

Su	Mo	Tu	We	Th	Fr	Sa
						1
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
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24	25	26	27	28	29	30
31						

September

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						1
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30						

October





Su	Mo	Tu	We	Th	Fr	Sa
						1
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November

Su	Mo	Tu	We	Th	Fr	Sa
						1
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

December

Su	Mo	Tu	We	Th	Fr	Sa
						1
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

-  **AU Home Football Games (includes "A Day" on April 8)**
-  **Proposed AAS Meeting Nights**
-  **Astronomy Day (April 29, 2017)**
-  **Total Solar Eclipse (August 21, 2017)**



Auburn Astronomical Society
Membership Application Form

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Date of Application* ____/____/____

E-mail: _____

Telescope(s): _____

Area(s) of special interest: _____

Enclose: \$20.00 for regular membership, effective January 1*. *Full-Time* student membership is half the Regular rate.

* If you are a *new* member joining after January, refer to the prorated dues table below:

Jan \$20.00	Feb \$18.33	Mar \$16.66	Apr \$14.99	May \$13.33	Jun \$11.66
Jul \$10.00	Aug \$8.33	Sep \$6.66	Oct \$4.99	Nov \$2.33	Dec \$1.66

Make checks payable to: Auburn Astronomical Society and return this application to:

Auburn Astronomical Society
c/o John Wingard, Secretary/Treasurer
#5 Wexton Court
Columbus, GA 31907

For questions about your dues or membership status contact: jwin1048@gmail.com