

## Analemma Society Annual Report (March 2020 to March 2021)

Analemma Society  
 PO Box 196  
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Analemma Society (AS) is a 501 (c) 3 Educational Non-Profit dedicated to teaching the public science through Astronomy. AS is registered with the Commonwealth of Virginia. We maintained our status by doing our annual registration with the state as well as filing income tax forms with the US Internal Revenue Service. We are authorized by the state of Virginia to fund raise. We operated Observatory Park at Turner Farm to further our educational aims.

In March due to the pandemic AS suspended opening Observatory Park (OP) to the public for Friday night viewing and OP Saturdays and Sundays on clear weekends for sundial viewing and general unsupervised public access to the park.

### Summary of 2019 AS Volunteer Activities

	Jan	Feb	Mar	April	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total
Volunteer hours	65	79	96	69	58.5	72.5	130	88.5	97.2	113.5	135	23.5	1027.7
Attendees	81	114	192	65	84	240	425	265	229	184	280	15	2174
Hours Park open	18.5	22.5	28	24.5	19	21.5	45.5	41.5	32.5	27	34.5	10	325
Estimate of revenue	\$152.00	\$1,492.00	\$936.00	\$868.00	\$224.00	\$664.00	\$3,845.00	\$3,419.00	\$624.00	\$456.00	\$1,030.00		\$13,710.00

### Compared to 2020 onsite activities and webinar online classes

Visitors	Min Incon	Volunteer Hours	Park Open	Volunteer hour rate
913		500.5	53	\$26.96

	Jan	Feb	Mar	April	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total
Volunteer hours	45.5	455	342	0	0	6	6	73.5	43.5	44.5	49.5	0	1065.5
Attendees	184	729	345	0	0	0	0	38	28	24	0	36	1384
Hours Park open	14	39	11.5	0	0	0	0	2.5	\$0.00	0	0	2	69
Estimate of revenue	\$1,816.00	\$6,015.00	\$2,080.00					\$250.00	\$176.00	\$156.00	\$0.00	-\$360.00	\$10,133.00
Utility Cost													
Estimated Value of Volunteer Hours													\$13,493.48

The major Covid impact was in the 790 fewer visitors and \$3,577 less generated income. Opportunity cost was in the loss of events for Comet Neowise, the Geminid Meteor Shower and the Grand Conjunction of Jupiter and Saturn which would have brought in hundreds more of visitors and thousands of additional dollars.

Over the course of the year we have held zoom sessions for Parktakes and Girl Scout groups.

AS monthly meetings were held the first Wednesday of every month via teleconference at 12:30.

In addition AS supported outreach events to inform the public about activities at the park, and did coordination meetings with Fairfax County Park Authority (FCPA) officials.

AS and FCPA Staff presented Parktakes events at the Roll Top such as Astronomy Festivals and the Perseid Meteor Shower with support from Peter Gural, Gerald Kassalow, Alan Figgatt, Jeff Kretsch, Bill Burton, Bob Kellogg, Calvin Powell, Dan Ward and Robert Anderson. The

pandemic prevented us from having activities for Comet Neowise and the Jupiter Saturn Grand Conjunction which would have generated thousands of dollars in additional revenue.

May 6, 2020 Annual Analemma Society Meeting, elected the following officers and directors:

#### Officers

President:	Charles H Olin
Vice President	Paul Reistrup
Corresponding Secretary	Don Fowler
Recording Secretary	Jacqueline Olin
Treasurer	Dr. Jeffrey L. Kretsch

#### Directors

David North	Robert Anderson
Allan Figgatt	Melvin Hayes
Dr. Robert Kellogg	Dr. Douglas Wood

Jacque Olin, recording secretary, had a partial hip replacement as a result of a fall and unfortunately became ill as a result of medication and has not been able to provide this service. Jeff Kretsch and Alan Figgatt have been providing this service since July. We hope she will be able to return to service soon. Melvin Hayes had to resign in December due to illness.

Analemma Society Members (Alan Figgatt, Peter Gural, Bill Burton, Gerald Kassalow, Calvin Powell, Bob Kellogg, Mary Blessing, Dan Ward and Jeff Kretsch) were active in supporting the Fairfax County Parktakes program with courses on meteors, telescopes, the moon, and family centered courses among other topics. There were 12 Parktakes sessions over the period of this report.

April-August 2020 AS monitored blue bird boxes at the Park and provided results to the Virginia Bluebird Society.

October 2, 2020, November 5, 2020 AS (Jeff Kretsch) supported NOAA in finding a Herndon Marker at the site for measuring Deflection of the Vertical. The marker is part of a network across the US used in the study.

Over January and February Analemma Society members (Peter Gural, Bob Kellogg, Jeff Kretsch and others) supported various Science Fair judging activities at Langley and Herndon High Schools.


Membership Drive: Analemma Society collected \$1,500 in dues and donations over this period.

Springvale Road Pickup: Springvale Road runs along the western boundary of the park, and to maintain a pleasant appearance and environment AS has been doing road pickup under the Virginia Department of Transportation (VDOT) Adopt a Highway program. Jeff Kretsch have been doing the pickups on a quarterly basis and reporting results to VDOT.

Acknowledgements:

AS consists of volunteers, among them Alan Figgatt has led the Friday night observing sessions, Mary Blessing has coordinated the Family Night program with schools, Doug Wood and Melvin Hayes have led the effort to make the RATO operational. Due to illness Melvin will not be able to carry on his duties in 2021. Robert Anderson has led outreach efforts, and Jeff Kretsch has handled VDOT Road pickup as well as general duties maintaining the non-profit status of AS. Brian Symmes and Bob Kellogg have provided webmaster services.

Respectfully Submitted,



Charles H Olin  
President  
Analemma Society