

BACK BAY AMATEUR ASTRONOMERS

"Bringing Astronomy to the People of Hampton Roads"



August 2018 Events



Table of Contents

| | |
|---|---|
| Virginia Peninsula Astronomy/Stargazers (VPAS)..... | 2 |
| BBAA Summer Picnic / Club Meeting..... | 2 |
| Skywatch..... | 2 |
| Corn Watch..... | 2 |
| Nightwatch..... | 3 |
| Garden Stars at Norfolk Botanical Garden..... | 3 |
| Corn Watch..... | 3 |
| Virginia Peninsula Astronomy/Stargazers (VPAS)..... | 3 |
| Saturday "SUN" Day..... | 3 |
| Movie Night at Mount Trashmore..... | 4 |
| Boardwalk Astronomy #4..... | 4 |
| Cub Scout Field Day..... | 4 |
| Special Events For The Following Month..... | 4 |
| July Outreach Results..... | 5 |

Virginia Peninsula Astronomy/Stargazers (VPAS)

Come join the Virginia Peninsula Astronomy/Stargazers (VPAS) for a night of stargazing at Viewing at Grundland Astronomical Park (GAP)in Hampton on the first and third Friday of every month. Event is rain or shine.

Date: August 3, 2018

Time: Sunset

Location: Grundland Astronomical Park, 112 Grundland Dr., Hampton, VA 23664

BBAA Summer Picnic / Club Meeting

All BBAA members and family are invited to attend the clubs summer picnic. This year it will be at Picnic Shelter #3 at Redwing Park Virginia Beach VA. Hotdogs, hamburgers, water, and potato chips are provided by the club. All guest are invited to bring something to share. RSVP along with the number of folks attending and if you want to share what you might bring? You can go log onto the BBAA group at YAHOO and add a line to the Database at: <https://groups.yahoo.com/neo/groups/backbayastro/database/891/edit> or you can RSVP to this event on the NSN network.

Date: August 4, 2018

Time: 11:00 AM - 3:00 PM

Location: Redwing Park, 1398 General Booth Blvd, Virginia Beach, VA 23451

Skywatch

Star and planet watching will begin around sunset. For those who would like some help with new telescopes or just want to learn how telescopes work, we will be holding an informal afternoon "Telescope 101" pre-event beginning about 60 minutes before sunset (scheduled start time). Presenters - Plan on set up 60 minutes before sunset (Start time).

Expected Visitors: 50

Club Members Needed: 5

Date: August 4, 2018

Time: 8 PM - 12 PM

Location: Northwest River Park (Equestrian Area), 1569 Indian Creek Road, Chesapeake, VA 23322

Corn Watch

Corn Watch @ Cornland Park, Chesapeake, Va. is a BBAA's "observers only" session at Cornland Park, in Chesapeake. Our night use of the park requires a permit in case your presence is questioned by law enforcement.

BBAA Events August 2018

NOTE: To turn off the new LED security light in the parking lot, go to the Firehouse, let them know you are with the BBAA, and ask them for the key to the switch box. Unlock the box and leave the padlock unlocked, shut off light, and return the key to the firehouse. Please do not keep it with you. At the end of the night the last person there must turn the light on and then lock the box.

Date: August 10, 2018

Time: Dusk – Dawn

Location: Cornland Park, 2908 Benefit Rd, Chesapeake, VA 23322

Nightwatch

Nightwatch is the BBAA's "observers only" session at Chippokes Plantation State Park near Surry, but while not a public outreach event, we welcome all observers to come out and set up their gear. This is where we can work with new members on using their equipment or just getting together.

The session runs from dusk until dawn. Our night use of the park requires a permit (see note below) and at least one copy of the permit must be present during the event. Members are asked to put a 8x10 sign with "BBAA" in large letters on the dash of their vehicles. All members must pay the \$5.00 fee at the entrance to the park. At the gatehouse, look for the plastic box that has the envelopes to put your money into. Take the receipt, and put the envelope into the slot. The observation site is at the other end of the park.

Date: August 11 – August 12, 2018

Time: 7:30 PM – 6:30 AM

Location: Chippokes Plantation State Park, 74 Chippokes Park Road, Surry, VA 23883

Garden Stars at Norfolk Botanical Garden

Brief indoor talk, after which the visitors look through club members' telescopes at the Moon and any other objects of opportunity.

Date: August 16, 2018

Time: 8:30 PM - 10:00 PM

Location: Norfolk Botanical Gardens, 6700 Azalea Garden Road, Norfolk, VA 23518

Corn Watch

Corn Watch @ Cornland Park, Chesapeake, Va. is a BBAA's "observers only" session at Cornland Park, in Chesapeake. Our night use of the park requires a permit in case your presence is questioned by law enforcement.

NOTE: To turn off the new LED security light in the parking lot, go to the Firehouse, let them know you are with the BBAA, and ask them for the key to the switch box. Unlock the box and leave the padlock unlocked, shut off light, and return the key to the firehouse. Please do not keep it with you. At the end of the night the last person there must turn the light on and then lock the box.

Date: August 17, 2018

Time: Dusk – Dawn

Location: Cornland Park, 2908 Benefit Rd, Chesapeake, VA 23322

Virginia Peninsula Astronomy/Stargazers (VPAS)

Come join the Virginia Peninsula Astronomy/Stargazers (VPAS) for a night of stargazing at Viewing at Grundland Astronomical Park (GAP) in Hampton on the first and third Friday of every month. Event is rain or shine.

Date: August 17, 2018

Time: Sunset

Location: Grundland Astronomical Park, 112 Grundland Dr., Hampton, VA 23664

Saturday "SUN" Day

Free public solar viewing event, everyone is welcome to attend. The event is weather dependent, if it is cloudy it will not be held. Come join the Back Bay Amateur Astronomers (BBAA) for this public solar

BBAA Events August 2018

viewing event. Come on out and look at, and enjoy, our closest star, the Sun.

Expected Visitors: 20

Club Members Needed: 3

Date: August 18, 2018

Time: 10:00 AM - 1:00 PM

Location: Elizabeth River Park, 1400 Elizabeth River Way, Chesapeake

Movie Night at Mount Trashmore

For the August Movie Night the Virginia Beach Parks and Rec department is showing Moana. The Back Bay Amateur Astronomers will also be on hand to show the night sky during the event. The event officially begins at 6pm (food, other activities, etc.) and the movie will begin after sunset.

Expected Visitors: 2500

Club Members Needed: 10

Date: August 18, 2018

Time: 5:30 AM - 10:00 AM

Location: Mt Trashmore - VB, 310 Edwin Dr., Virginia Beach, VA 23452

Boardwalk Astronomy #4

Telescopes will be set up on the Virginia Beach Boardwalk near the 24th Street Stage to allow the public an opportunity to observe the night sky for free. Solar scopes will be used until sunset for safe views of the Sun and then guests will be able to observe the Moon and any other night sky objects for the rest of the event.

The backup date for this event is the following Thursday.

SPECIAL NOTE: Club members are not permitted to drive on the boardwalk until they have a parking pass issued **AND** hanging from their vehicle rear view mirror.

Expected Visitors: 250

Club Members Needed: 8

Date: August 21, 2018

Time: 6:00 PM – 11:00 PM

Location: Boardwalk Astronomy Site, 2401 Atlantic Ave, Virginia Beach, VA 23451

Cub Scout Field Day

Scouts have requirements they need to accomplish for their Astronomy Belt loop. We are asking for your assistance with the following. Set up and demonstrate how to focus a simple telescope or binoculars. Draw a diagram of a telescope and explain how it works Explain the following terms: planet, star, solar system, galaxy, the Milky Way, black hole, red giant, white dwarf, comet, meteor, moon, asteroid, star map, and universe. Explain how to use a star map. interview an astronomer.

Expected Visitors: 150

Club Members Needed: 3

Date: August 25, 2018

Time: 10:00 AM - 2:00 PM

Location: Deep Creek Park, 437 George Washington Hwy S, Chesapeake, VA 23323

Special Events For The Following Month

Blue Moon Festival - September 9, 2018

Movie Night at Mount Trashmore – September 15, 2018 (*We're invited but have not yet committed*)

Garden Stars at Norfolk Botanical Garden – September 20, 2018

BBAA Events August 2018

July Outreach Results

Summary of outreach events results from previous month.

| Event Name | Start Date | Start Time | End Time | RSVPs | Expected Visitors | Club Members Needed | Length of Event | Total Visitors | Member's Volunteer Hours |
|--|------------|------------|----------|-------------------|-------------------|---------------------|-----------------|----------------|--------------------------|
| Deep Creek Academy Summer Camp | 2018-07-03 | 9:00 AM | 11:30 AM | 0 Yes, 0 Probably | 150 | 3 | 2.5 hours | 75 | 6 |
| Skywatch @ Northwest River Park (CANCELED) | 2018-07-07 | 8:00 PM | 12:00 AM | 0 Yes, 0 Probably | 30 | 5 | 4 hours | | |
| Big Blue Summer Day Camp | 2018-07-11 | 9:30 AM | 11:30 AM | 1 Yes, 1 Probably | 50 | 3 | 2.5 hours | 62 | 3 |
| Muse Summer Open House | 2018-07-13 | 5:00 PM | 10:00 PM | 3 Yes, 0 Probably | 500 | 4 | 5 hours | 50 | 15.5 |
| Family Star Gazing @ JEB Little Creek | 2018-07-14 | 9:00 PM | 11:00 PM | 1 Yes, 0 Probably | 100 | 4 | 2 hours | 54 | 5 |
| Saturday "SUN" Day (CANCELED) | 2018-07-21 | 10:00 AM | 1:00 PM | 0 Yes, 0 Probably | 30 | 5 | 3 hours | | |
| Summer Reading Program: Solar Science | 2018-07-23 | 2:00 PM | 3:33 PM | 2 Yes, 0 Probably | 20 | 2 | 1.5 hours | 19 | 5.5 |
| Boardwalk Astronomy #3 * | 2018-07-26 | 6:00 PM | 11:00 PM | 1 Yes, 1 Probably | 500 | 10 | 5 hours | 450 | 38 |
| Night Under the Stars (CANCELED) | 2018-07-27 | 8:30 PM | 9:30 PM | 0 Yes, 0 Probably | 30 | 3 | 1 hour | | |
| | | | | | 1410 | | | 710 | 73 |