

BACK BAY AMATEUR ASTRONOMERS

"Bringing Astronomy to the People of Hampton Roads"



July 2018 Events



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Deep Creek Academy Summer Camp

Give a brief and easy-to-understand presentation to the kids inside, then go outside and show sunspots and solar prominences, if any. Show them how a telescope works, and show a terrestrial view, if desired. The kids will probably be bought out one class at a time, to minimize lines at the telescope(s).

Expected Visitors: 150

Club Members Needed: 3

Date: July 3, 2018

Time: 9:00 AM - 11:30 AM

Location: Deep Creek Academy, 250 Mill Creek Parkway, Chesapeake, VA 23323

BBAA Club Meeting

This months meeting will be held in TCC Science Building (Bldg J) in Room JC11.

Date: July 5, 2018

Time: 7:30 PM - 9:00 PM

Location: Tidewater Community College - VB Campus, 1700 College Crescent, Virginia Beach, VA 23453

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: July 6, 2018

Time: Sunset

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

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: July 7, 2018

BBAA Events

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Time: 8 PM - 12 PM

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

Big Blue Summer Day Camp

BBAA members will give a talk to the summer camp kids and demonstrate telescopes, show them features of the planets, stars, and solar system, and (weather permitting) show them views of sunspots and/or solar flares on the sun through our specially-filtered telescopes.

Expected Visitors: 50

Club Members Needed: 3

Date: July 11, 2018

Time: 9:30 AM - 11:30 AM

Location: ODU Student Recreation Center, 4700 Powhatan Avenue, Suite 1207, Norfolk, VA 23529

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: July 13, 2018

Time: Dusk – Dawn

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

Muse Summer Open House

Come join the Back Bay Amateur Astronomers in Central Ghent for an open house. We have been invited by the Muse Writers Center to share our love of astronomy and we hope you can make it. We will be setting up our telescopes in the parking lot for the public to view the night sky.

Expected Visitors: 500

Club Members Needed: 4

Date: July 11, 2018

Time: 5:00 PM - 10:00 PM

Location: The Muse Writers Center, 2200 Colonial Ave. Suite #3, Norfolk, VA 23517

Family Star Gazing

Come join the Back Bay Amateur Astronomers and the JEB Little Creek Library for a family program of a night out under the stars for military members and their families. Jupiter, Saturn, Mars, and Venus will be up this evening and we might be able to find other celestial objects as well.

LOCATION: This outreach event will be held near the Eagle Haven Golf Course on JEB Little Creek.

Please use our BBAA Map to find the exact location to navigate to: <http://backbayastro.org/map.php>. The outreach site's name is "BBAA - JEB Little Creek Library" and it can be found in the "Astronomy Locations" list.

SPECIAL NOTES: Military ID or sponsorship needed for base access.

Expected Visitors: 100

Club Members Needed: 4

Date: July 14, 2018

Time: 9:00 PM - 11:00 PM

Location: Joint Expeditionary Base Little Creek Library, 10th Street, Virginia Beach, VA 23460

BBAA Events

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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: July 14 – July 15, 2018

Time: 7:30 PM – 6:30 AM

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

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: July 20, 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: July 20, 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 viewing event. Come on out and look at, and enjoy, our closest star, the Sun.

Expected Visitors: 20

Club Members Needed: 3

Date: July 21, 2018

Time: 10:00 AM - 1:00 PM

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

Summer Reading Program: Solar Science

The Carrollton Branch Library is holding a solar viewing event as part of our Summer Reading Program. This program will allow the kids to learn more in depth about the Sun, how to view it safely, and weather permitting, have a viewing session. Give a brief indoor presentation about the Sun. Set up NSN Sun banner outside the library. Give out NASA handout materials concerning the Sun. Set up telescopes with white light filters to see sunspots and with Ha filters to try to observe solar prominences.

Expected Visitors: 20

Club Members Needed: 2

BBAA Events

July 2018

Date: July 23, 2018

Time: 2:00 PM - 3:30 PM

Location: Blackwater Regional Library, Carrollton Branch, 14362 New Towne Haven Lane, Carrollton, VA 23314

Boardwalk Astronomy #3

Come join the Back Bay Amateur Astronomers club members for our monthly Boardwalk Astronomy summer series event. 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: July 24, 2018

Time: 6:00 PM – 11:00 PM

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

Blue Moon Festival

Hunt Club Farm is hosting their annual Blue Moon Festival, sponsored by Blue Moon Beer. The Moon, Saturn, Mars, Venus and Jupiter will all be up this evening. This is also the day that Mars will be in opposition, and at the end of July will be at its closest approach to Earth since 2003, and will not be this close again until 2035.

Members **MUST RSVP** to participate in this event. All member volunteers are permitted to bring one assistant/guest to the festival, but ALL attendees must be 21 years of age or older. BBAA members should plan to arrive between 4 - 4:45PM. The event starts at 5PM for VIP guests. The Hunt Club Farm Event Coordinator has let us know that if you need to show up late because of work that they should be able to accommodate you. Once set up though, we will not be able to leave until after the close of the event at 11PM.

Expected Visitors: 300

Club Members Needed: 10

Date: July 27, 2018

Time: 5:00 PM - 11:00 PM

Location: Hunt Club Farm, 2388 London Bridge Road, Virginia Beach

Night Under the Stars

Come join the BBAA at the Pungo Blackwater Library for a special Summer Reading Program event. Club members will point out the objects visible during the summer months while also giving tips on how to star gaze with or without a telescope on your own.

Expected Visitors: 20

Club Members Needed: 2

Date: July 27, 2018

Time: 8:30 PM - 9:30 PM

Location: Pungo Blackwater Library, 916 Princess Anne Rd, Virginia Beach, VA 23457

BBAA Events July 2018

June 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 Volunteer Hours
Skywatch @ Northwest River Park - (Boy Scouts only)	2018-06-09	8:00 PM	12:00 AM	1 Yes, 0 Probably	30	5	4 hours	100	7
Sun Gazing	2018-06-09	10:00 AM	12:00 PM	2 Yes, 0 Probably	20	3	2 hours	15	4
Saturday "SUN" Day	2018-06-23	10:00 AM	1:00 PM	0 Yes, 0 Probably	30	5	3 hours	17	11.5
Boardwalk Astronomy #2	2018-06-28	6:00 PM	11:00 PM	4 Yes, 1 Probably	250	10	5 hours	300	29
TOTALS					330			432	51.5