



BRUCE A. BLAKEMAN
NASSAU COUNTY EXECUTIVE

CERT



NASSAU COUNTY



MONTHLY NEWSLETTER

April 2024

What's Inside

Cover StoryPage 1

RACES.....Page 6

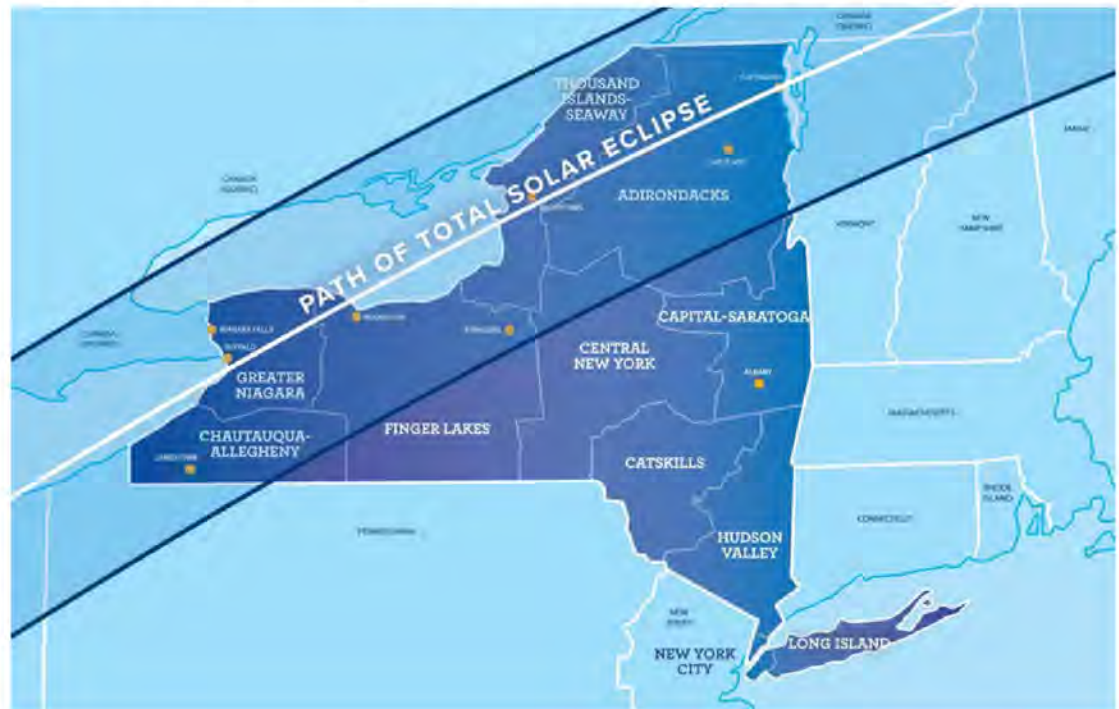
RACES
Training.....Page 7

Scheduled Events &
Training.....Page 8

Calendar of
Events.....Page 11

Witnessing the Spectacle: The April 8th Solar Eclipse in New York State

On April 8th, a celestial event of significant magnitude will grace the skies over New York State—the solar eclipse. This fascinating astronomical phenomenon occurs when the moon aligns between the Earth and the sun, cloaking the latter in shadow and turning day momentarily into night. For observers in New York, the event is particularly momentous as it offers the rare opportunity to witness both total and partial eclipses, depending on one's location within the state. This article aims to provide a comprehensive guide on what to expect, how to observe safely, and the intriguing sights to look out for during each stage of the eclipse.



Continued on next page



COUNTY, STATE
&
FEDERAL
ONE TEAM

The forthcoming April 8th solar eclipse is a not-to-be-missed event for New Yorkers, thanks to a path of totality that sweeps across the entire state, covering a width slightly over 100 miles. Within this path, observers will experience the awe-inspiring totality, where the moon completely obscures the sun, plunging the day into darkness for a brief, magical moment. Outside this narrow band, the rest of New York will witness a partial eclipse, where the sun and moon do not perfectly align, leaving a crescent of the sun visible.



Observing a solar eclipse requires caution to avoid eye damage. Whether in the path of totality or viewing a partial eclipse, the following safety measures are crucial:

- Eclipse Glasses:** Utilize ISO-certified eclipse glasses that adhere to the ISO 12312-2 standard for safe viewing.
- Pinhole Projectors:** An indirect method of viewing, pinhole projectors, allow you to watch the eclipse's progress without looking directly at the sun.
- Solar Filters for Optics:** If viewing through telescopes or binoculars, ensure they are equipped with solar filters to protect your eyesight.



The Phases of the Eclipse

First Contact

The eclipse begins with the moon making its initial move across the sun. This is the moment to equip your safety gear and prepare for the unfolding spectacle.

The Partial Phase

For areas outside the path of totality, the partial phase encompasses the entirety of the eclipse experience, with a portion of the sun remaining visible. Observers will notice a dramatic change in daylight and an eerie alteration in shadows and ambient light quality.

Totality

Within the path of totality, totality marks the eclipse's climax. The sun is completely obscured by the moon, enveloping observers in darkness. Stars and planets may become visible, and the sun's corona, its outer atmosphere, shines in a stunning halo around the moon's silhouette. This is the only time when it is safe to view the eclipse without protective eyewear.

The Peak

At the peak of the partial eclipse outside the path of totality, look for crescent shapes projected on the ground through leaves or other pinholes, providing a unique spectacle of the sun's partially obscured state.



Bizarre crescent shapes during partial eclipse. Credit: fedcomite



Totality is about as bright as the full Moon and just as safe to look at. At all other times, though, a safe solar filter is required to observe or photograph the Sun.”

Credit: Rick Fienberg / TravelQuest International / Wilderness Travel.

What to Look For

Baily's Beads and the Diamond Ring: Just before totality, the sun's light shines through the moon's valleys, creating a dazzling effect known as Baily's Beads, which culminates in the brilliant "Diamond Ring" phenomenon.

Shadow Bands: Mysterious wavy lines of shadow and light, visible on light-colored surfaces just before and after totality.

Animal Behavior: Watch as animals react to the sudden darkness of totality, often in silence or by behaving as if night has fallen.

Temperature Drop: Feel the sudden chill as the sun's warmth is temporarily blocked out.

Here is an amazing page that breaks down what to look for at each stage. It also offers information on best viewing practices that will help keep your vision intact.

<https://www.almanac.com/observing-total-eclipse-what-look>

The April 8th solar eclipse offers a rare and spectacular opportunity for residents and visitors across New York State to engage with the wonders of the cosmos. From the dramatic totality experienced in the path's swath to the captivating partial phases elsewhere, there's much to marvel at. Armed with the right knowledge and safety measures, you're set to enjoy one of nature's most awe-inspiring shows. Remember to prepare your viewing plans early, ensuring you have the necessary protective gear to safely enjoy the event. Happy eclipse watching—may you find yourself awestruck by the celestial dance above.

Resources

Additional information on the solar eclipse is available on the following websites:

- New York State Library – [Eclipse Information page\(link is external\)](#)
- Public Broadcasting System Learning Media – [Eclipse Information page\(link is external\)](#)
- [I Love NY Eclipse webpage\(link is external\)](#)
 - [Health and Safety\(link is external\)](#)
 - [Resources for Educators\(link is external\)](#)
 - [Activities for Kids\(link is external\)](#)
- New York State Center for School Health – [Solar Eclipses Eye Safety: Protect Your Eyes from the Sun!](#)
- [NASA April 8 2024 Solar Eclipse webpage\(link is external\)](#)
- [National Science Teachers Association Eclipse Guides, Resources and More webpage](#)
- <https://www.cbsnews.com/news/april-8-solar-eclipse-warning-could-power-grids-texas-heres-why/>



National Oceanic and Atmospheric Administration
U.S. Department of Commerce

Home

#SafePlaceSelfie

If there was one extreme weather preparedness action you want your loved ones to take, what would it be? For many, that one action is to know ahead of time where their safe place is located. Thank you for joining the National Weather Service and its Weather-Ready Nation Ambassadors to take a “selfie” and posting with the hashtag #SafePlaceSelfie.

#SafePlaceSelfie
Join us on April 3, 2024

Extreme weather could occur at any time. Wherever you may be, know your safe place.

- Learn your area’s weather hazards!
- At your usual locations, find safe places that could protect you!
- Take selfies in your safe places!
- On April 3, post your photos using #SafePlaceSelfie!

Hazard	Safe Place
Extreme Cold	Indoors with the heat on (or safely operated generators, not candles)
Extreme Heat	Indoors with the AC on // If outdoors, find shade and drink plenty of water
Flash floods	Indoors (not basement/lowest level), higher ground // Avoid flooded roadways
Lightning	An enclosed building away from plumbing & plugged in electronics A hard-topped vehicle with the windows up
Wind	In a sturdy building, away from trees // Interior room away from windows
Tornadoes	Tornado Storm Shelter or FEMA Safe Room Basement or sturdy interior room, away from windows
Tsunamis	Official evacuation zones // Farther inland // Higher floors in well-constructed buildings

#SafePlaceSelfie

weather.gov/SafePlaceSelfie



Radio Amateur Civil Emergency Services (RACES)



Our monthly RACES / CERT Communication's general membership meeting was held on Thursday March 7th. This year our training focus is on skills review. This month we reviewed Fire Safety. The members were very interested and had great questions. Bob Chiz being the Commissioner of the Hicksville Fire Department was a welcome participant who was able to add so much to the training. After the presentation the Bullex Fire Trainer was setup in a separate room to simulate a fire. Everyone who took part was given a briefing and then proceeded to extinguish the fire. As always, we use the buddy system. No one should ever attempt this alone. If you are interested in reviewing your skills, we welcome all CERTs and their families to attend our meeting and take part in the training. Next month we will be reviewing Emergency Medical. This will also have a hands on component. We look forward to seeing everyone and hoping you enjoy the experience.

We are asking all members to update their contact information. If you have change mobile phone numbers, carriers or email addresses we need this information so can receive SMS messages and/or activation notifications. Send your information to nassaucountyny.races@gmail.com

The Amateur Radio Technician's class license review and testing session is going to be held on Saturday May 11th. This is going to be a comprehensive review of ALL the material you will be tested on. Prior to the review class you will need to begin your self study course. Information and materials you will need to study are listed in a handout available to you. Send an email to nassaucountyny.races@gmail.com and in the subject write "Requesting technicians study information". You will receive two documents. One will have links to the study material you will need to purchase and the second is a pre-study guide. Should you need help during your self study there are two individual you will be able to reach out too. The passing rate for those who have attended the review class after self study has been 99%. This is an excellent opportunity to become an Amateur Radio Operator.

Field Day will be here before you know it. This year we are hoping to have our own Field Day site. Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, thousands of radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations. We welcome CERT members, their families and the general public to come learn more about ham radio! For more information you can go to www.arri.org/field-day

Interested or just curious about Emergency Communications? We invite you to attend our next RACES / CERT Communications meeting on Thursday April 4th at 7:30pm in the lecture hall, 510 Grumman Road West, Bethpage NY.

73

RACES Leadership

Website: www.nassauraces.net

Email: nassaucountyny.races@gmail.com



If you SEE Something SAY Something



Radio Amateur Civil Emergency Services (RACES)



2024 Training Schedule

Month	Meeting Training	After meeting Training
March	Fire SuppressionBullex	
April	TriageLong Island Marathon	
May	Emergency MedicalSummer Reportable Criteria	
June	Search and RescueRadio Station Setup	
July	Search OperationsNYC Marathon	
August	No Meeting Enjoy Your Summer	
September	Deployment Preparation PsychologicalWinter Reportable Criteria	
October	Situation AwarenessEmergency Action Plan	
November	Shelter Communications and Table Top Exercise	
December	All County CERT Meeting	

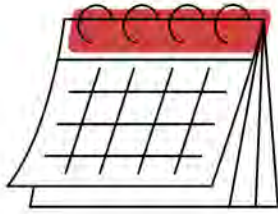
Note: Above is the proposed training schedule for 2024. However, trainings may change due to events or circumstances beyond our control. We will due our best to stay on schedule.



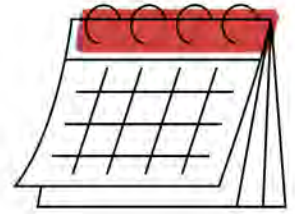
Ryan DeMita receiving his award.



If you SEE Something SAY Something



Planned Events & Trainings



FEMA offers a large variety of online courses that are free of charge and will help to further your preparedness education. If you do not have a FEMA ID, you can register for one here.
[:https://cdp.dhs.gov/femasid](https://cdp.dhs.gov/femasid)



Emergency Management Institute - Independent Study (IS) | Course List

FEMA Emergency Management Institute (EMI)
Independent Study Course List

 fema.gov

IS-100.C: Introduction to the Incident Command System, ICS 100

<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c&lang=en>

IS-317.A: Introduction to Community Emergency Response Team (CERTs)

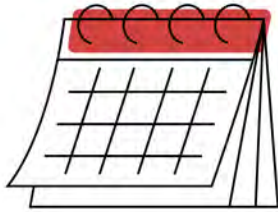
As a pre-requisite for CERT Basic classroom training or just to learn more about the program, check out EMI's Independent Study (IS) course IS-317.A.

<https://training.fema.gov/is/courseoverview.aspx?code=IS-317.a&lang=en>

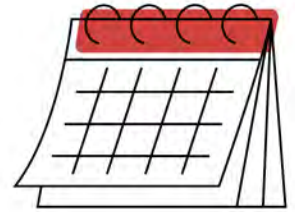
IS-315.A: CERT and the Incident Command System (ICS)

IS-315.A educates CERT program managers, trainers, or emergency responders on CERT's relationship to the Incident Command System (ICS) and potential roles CERTs play in a disaster or emergency situation.

<https://training.fema.gov/is/courseoverview.aspx?code=IS-315.a&lang=en>



Planned Events & Trainings



Amateur Radio Technician Class - Home Study & Test Course

Date: Saturday May 11th, 2024 - Starting at 8:00 AM

Location: Nassau County Office of Emergency Management - 510 Grumman Road, Bethpage NY 11714

Material: Obtain **Gordon West Radio School Technician Class License Manual**

<https://home.arrl.org/action/Store/Product-Details/productId/2015951493>

<https://www.hamradio.com/detail.cfm?pid=H0-017935>

Student study guide included with this message

Additional: Obtain **FCC CORES ID and FRN** (FCC Registration Number) prior to the class

This is required to submit your test. This will probably be the most challenging part of your test experience

<http://www.arrl.org/fcc-cores-registration-instructions>

<https://www.fcc.gov/wireless/support/knowledge-base/universal-licensing-system-uls-resources/getting-fcc-registration>

Outline: 30 days of self study with the Gordon West book, guided by the Student Handout with mentors available. On May 11 we start at 0800, review the entire book, answer any questions, ensure all students are ready and test out at the end of the day.

This will be our 3rd "One Day" class, the previous 2 had over 100 attendees and every one that prepared in advance by working with the book and study guide for at least 15-30 minutes a day passed. If you prepare properly and commit to daily review of the material you'll pass too.

For additional information contact: Bill Fastenau WB2QGZ at bill.fastenau@protonmail.com - 516 430 1594 or

Lou Maggio at lou.maggio@hotmail.com - 516 805 0059





Partial
Solar Eclipse
Apr 8, 2024
Long Island

April 8, 2024 Partial Solar Eclipse in Long Island, New York, USA

Start time, end time, animation, and detailed viewing information for the upcoming eclipse in Long Island, New York, USA

timeanddate.com

Please send in any photos you have taken of news worthy items or from any CERT events that you have attended and I will select some to be used in the newsletter. Send images to:
rdelucia@nassaucountyny.gov

Calendar of Events

April

S	M	T	W	T	F	S
	1	2	3	RACES Meeting 7:30pm	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				

May

S	M	T	W	T	F	S
			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	



CERT Division Meetings



RACES Meetings

Important Dates

RACES Meeting -

- CERT Division 1 Meetings - Wednesday – June 5, 2024**
- Wednesday – September 4, 2024**
- Wednesday – December 4, 2024**

CERT Division 2 Meetings -



NASSAU COUNTY SHERIFF'S DEPARTMENT

Apply to Be a Nassau County Provisional Special Deputy Sheriff Today!

Nassau County has a population of 1.4 million people and borders New York City's borough of Queens to the west, and Suffolk County to the east. It is the most densely populated and second-most populous county in the State of New York, outside of New York City. The safety and security of all residents in Nassau County is our paramount concern. In our continual efforts to be prepared and in the abundance of caution, pursuant to New York State County Law § 655, County Executive Blakeman in coordination with Sheriff Anthony LaRocco are establishing a team of Provisional Emergency Special Deputy Sheriffs for the protection of human life and property during an emergency. Provisional Emergency Special Deputy Sheriffs will have no police powers unless an emergency is declared by the County Executive and they are activated.

FULL PERFORMANCE KNOWLEDGES, SKILLS, AND ABILITIES

1. Skill in the use of firearms.
2. Ability to function effectively under various stressful and confrontational circumstances.
3. Ability to resolve situations firmly, courteously, and tactfully, and to act quickly and effectively in emergencies.
4. Ability to understand and follow oral and written instructions.
5. Ability to maintain records and prepare reports.
6. Ability to express oneself effectively, both orally, and in writing.

MINIMUM QUALIFICATIONS

- 21-72 years of age
- U.S. citizen
- Possess a pistol license
- Resident, Property Owner or Business Owner in Nassau County
- Consent to full background investigation including mental health history
- Provide a fit for duty letter from your Health Care Physician
- No alcohol or drug issues in the previous 5 years from date of application
- Consent to random drug testing

TRAINING AND EXPERIENCE

- Associate Degree or 30 college credits
- Within 45 days of appointment must be trained and qualified on service weapon and complete basic training at the Academy in the NYS Penal law and Use of Force
- No Felony convictions
- No Misdemeanor convictions within the previous 5 years from date of application

SPECIAL REQUIREMENTS

- Continuing possession of a valid New York State Driver's License
- Priority given to former law enforcement and/or military veteran
- Be available 24 hours a day, 7 days a week, 365 days a year for deployment
- Waive County liability for personal injuries sustained in the performance of these duties

STIPEND \$150 stipend per day, for each day of activation during a County declared emergency

Preference to Federal, State, and local retired law enforcement, military veterans, licensed security guards and auxiliary police

If you would like to be considered, please send a cover letter and resume by March 31, 2024 to:

Sheriff Anthony LaRocco
100 Carman Avenue
East Meadow, NY 11554
Attn: PESDS position

Or Via Email: alarocco@nassaucountyny.gov



NASSAU COUNTY CERT COORDINATORS

**BOB CHIZ & RICK DELUCIA
OEMCERT@NASSAUCOUNTYNY.GOV**

DIVISION 1

**DIVISION SUPERVISOR
BILL PAVONE
NASSAUCERTDIV1@YAHOO.COM**

DIVISION 2

**DIVISION SUPERVISOR
MARVIN STEIN
CERTDIV2NASSAU@GMAIL.COM**



Scan this code or click here
to see flood zone map.

FOLLOW US ON SOCIAL MEDIA



Nassau County OEM



@nassaucountyoem



@nassaucountyoem