



<https://mycoast.org/ny>



Newsletter

Vol 2: February 2024

Thank you for your contributions to MyCoast New York! Launched on July 1, 2022, MyCoast NY is a tool used to collect and analyze photos of changing shorelines, inland and coastal flooding, and hazardous weather impacts across New York State. Through MyCoast NY, anyone with a phone or camera can easily participate in gathering images that help build awareness of changing conditions and support local efforts to address flooding and erosion.

MyCoast NY helps document recent and historic severe weather events and is a critical tool for collecting evidence of rising seas and increased precipitation and flooding resulting from climate change. Read on to learn more.



Oakwood, NY by Agnes VanDina ([Full report](#))

Flood Outlook

Flooding can happen anywhere, anytime.

More frequent coastal storms? Less lake effect? El Nino impacts vary across New York. Check out this [blog post](#) by the Northeast Regional Climate Center to learn more

Tidal Flooding

Mark your calendar! Dates for possible high tide flooding over the next 6 months according to [NOAA's Monthly High Tide Flood Outlook](#) at the Battery tide gauge in New York, NY are:

- March 9-12 ●
- April 7-10 ●
- May 7-8 ●

The highest tides typically occur each month during the new ● and full ○ moon. More severe flooding may occur if high tides coincide with heavy rains, strong winds, or large waves. Learn more about tides [here](#).

As sea levels continue to rise, our coastal communities will experience more frequent tidal flooding.

Volunteer Highlight

Kettle Lakes Association

The Kettle Lakes Association is dedicated to the preservation of the kettle lakes, surrounding waters and watershed regions in Cortland and Onondaga Counties by advocating awareness of lake resources, educating communities about watersheds and their protection, and promoting stewardship of those waterways.



Hail storm in Tully, NY by Colleen Zawadzki ([Full report](#))



Flooding in Tully, NY by Colleen Zawadzki ([Full report](#))

“I started using the MyCoast App in the summer of 2023, and was immediately impressed with how easy it was to upload pictures of some of the significant storm runoff events that we have had in our Central New York kettle lakes community. It was quick, user friendly, and it accurately located each photo using geolocations- even those from a massive hailstorm event from back in 2011.”

At our annual meeting, residents decided that we are all going to begin thinking more about high water levels, and using the MyCoast App as a data repository to look at trends, both in flood water levels, locations, and proximity to tributaries. It might give us ideas to mitigate in the future. What a great way of keeping track of or growing frequency and severity of storm info MyCoast is. I was happy to share it with my Lake Association members.”

- Colleen Zawadzki, Kettle Lakes Association

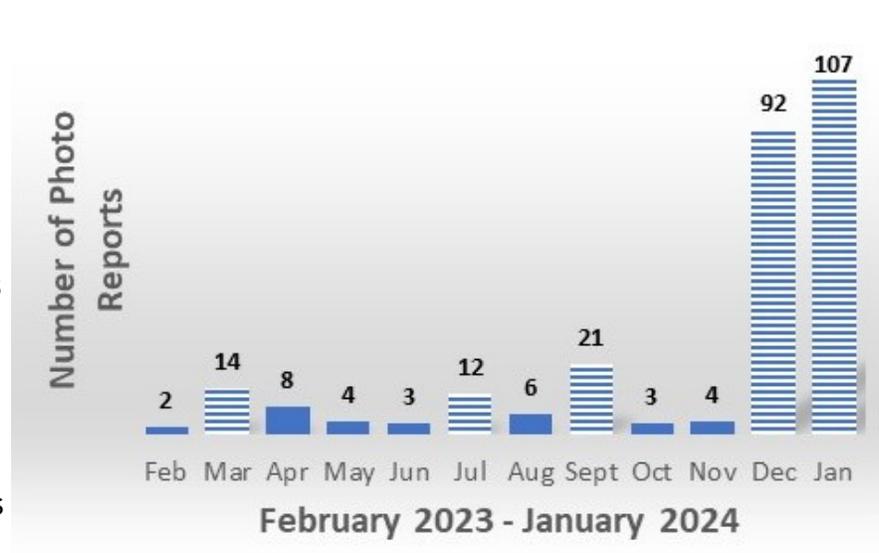
By the Numbers

Reports by Month in 2023

Flood Watch & Storm Reporter

MyCoast NY volunteers helped tell the story of how New York is being impacted by storms, floods, and rising seas in 2023.

The graph to the right shows the number of Flood Watch and Storm Reporter photo reports by month. Months that received more than 10 reports are shaded with lines and further described in the table, below.



Major 2023 events	Regions with reports	# of counties with reports	Event types
March 4	Long Island	1	High tide flood
July 10-18	Long Island, Hudson Valley, Finger Lakes	7	Heavy rain
Sept 26-29	Long Island, Hudson Valley, NYC	4	Heavy rain
Dec 18-19	Long Island, Hudson Valley, NYC, Central NY	9	Coastal storm + high tide floods
Jan 7-27	Long Island, Hudson Valley, NYC, Finger Lakes	6	Coastal storms + high tide floods

Did you know?

Community Flood Watch Project

Based in the Jamaica Bay watershed of New York City, the Community Flood Watch Project is a collaboration between New York Sea Grant and the Science and Resilience Institute at Jamaica Bay. This program has documented local flooding since 2018, building a public archive of photographs that show where flooding occurs, when it happens, and how it is changing.



Hamilton Beach (153798)



Belle Harbor (101181)



Hammels (154516)



Far Rockaway (137431)



Edgemere (136521)

Outcomes

- Inspiration for the statewide MyCoast NY tool!
- Founding partner of the FloodNet NYC flood sensor network. FloodNet NYC collects street-level flood data across the city in real time, and data is viewable in their public data dashboard