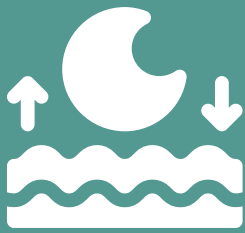


MyCoast.org/RI  
MyCoastRI@uri.edu

## 2023 Update for Rhode Island

### MyCoast by the Numbers | 2012 - 2023



# of King  
Tides Reports

2023: 330  
Total Reports:  
2415



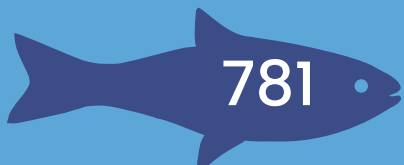
# of Storm  
Damage  
Reports

2023: 174  
Total Reports:  
781



# of  
CoastSnap  
Reports

2023: 450  
Total Reports:  
619



2022 Reports



2023 Reports



Total Reports

# MyCoast by the Regions

**Metro Bay**  
2023: 35 reports  
Total: 234 reports

**East Bay**  
2023: 396 reports  
Total: 1,089 reports

**West Bay**  
2023: 85 reports  
Total: 645 reports

**South Shore**  
2023: 263 reports  
Total: 1,001 reports

**Islands**  
2023: 165 reports  
Total: 851 reports

**Users**  
Registered >1000  
Active ~350



Search the MyCoastRI  
photo database at  
[mycoast.org/ri](https://mycoast.org/ri)

# 2023 BAY ISLANDS MYCOAST REPORT

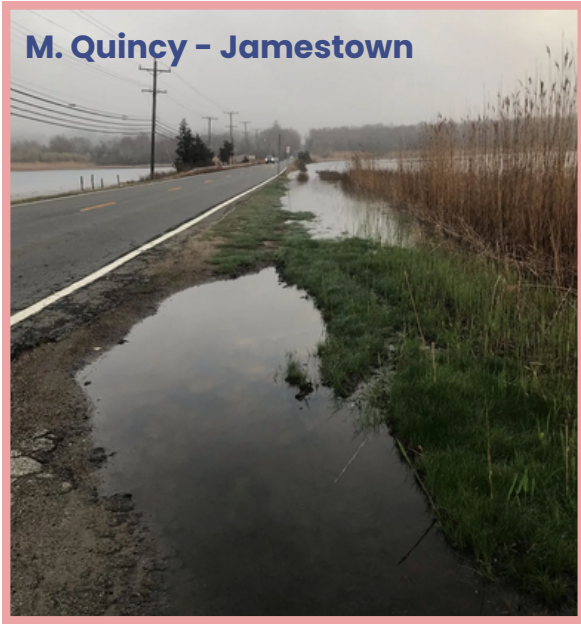
## ABOUT MYCOAST

MyCoast RI is an effort to bolster community stewardship and monitoring of changing shorelines, increase awareness, support local and state government planning, and foster cooperative resilience initiatives.

Rhode Island’s Bay Island region consists of Jamestown, Portsmouth, Newport, and Middletown.

MyCoast allows community members to share their experiential knowledge of flooding impacts to specific areas within a municipality.

**MyCoast volunteers generate reports by capturing photos of flooding and King Tide impacts. Photos are accompanied by NOAA tidal & weather information.**



MyCoast report: “Water is breaching the road. This state road has also subsided a great deal.” (North Road, Jamestown)

**The Bay Islands have seen an uptick in King Tide flooding, and residents are taking notice.**

You can search reports by county, municipality, and report type, such as storms or King Tides. You can also filter by neighborhood and date. Use the photos and info for grant proposals, reports, outreach, and more!

Since MyCoast RI was launched in 2015, Bay Island volunteers have uploaded 822 reports. Over 80% of those have been for King Tides.

## Bay Island Hot Spots

### COMMON FENCE

Portsmouth POINT BLVD

### NORTH ROAD

Jamestown

### SPENCER PARK

Newport



J. Prater - Portsmouth



16.5% of all Bay Island reports occurred in 2023.



32% of 2023 reports were submitted by first-timers!



28% of all reports were submitted by just 5 people.



MyCoast Bay Island Reports



**Contact Us**

Pam Rubinoff, [rubinoff@uri.edu](mailto:rubinoff@uri.edu)

# 2023 EAST BAY MYCOAST REPORT

## ABOUT MYCOAST

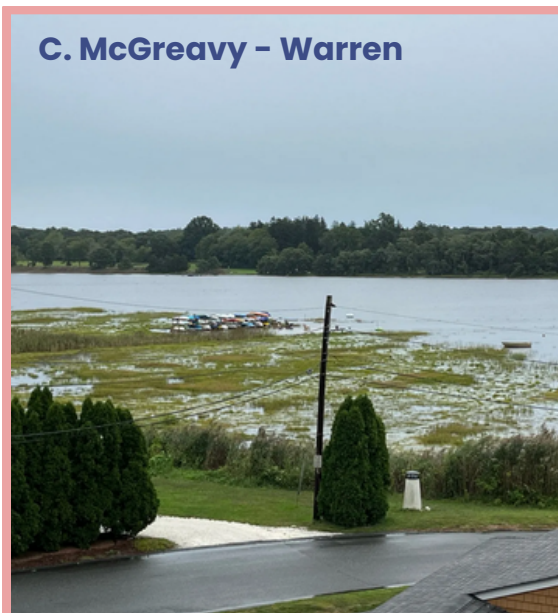
MyCoast RI is an effort to bolster community stewardship and monitoring of changing shorelines, increase awareness, support local and state government planning, and foster cooperative resilience initiatives.

Rhode Island's East Bay region consists of Warren, Bristol, Tiverton, Little Compton, and Barrington.

MyCoast allows community members to share their experiential knowledge of flooding impacts to specific areas within a municipality.

**MyCoast volunteers generate reports by capturing photos of flooding and King Tide impacts. Photos are accompanied by NOAA tidal & weather information.**

C. McGreavy - Warren



MyCoast report: "Looking East/Northeast at the beach and boat rack (Laurel Park Improvement Assn) and Kickemuit River." (Bay Road, Warren)

**The East Bay has seen an uptick in water encroaching on infrastructure, and residents are taking notice.**

You can search reports by county, municipality, and report type, such as storms, King Tides, or CoastSnap. You can also filter by date. Use the photos and info for grant proposals, reports, outreach, and more!

Since 2015, East Bay MyCoast volunteers have uploaded over 1,000 reports. Nearly a third of those reports occurred in 2023!

## East Bay Hot Spots

MATTHEWSON ROAD & BARRINGTON FERRY LANE

POPPASQUASH ROAD  
Bristol

MARKET STREET  
Warren



E. Tanner - Bristol



31.2% of all East Bay reports occurred in 2023.



There has been a 65% increase in CoastSnap usage at Latham Park from 2022-2023.



What is CoastSnap?



MyCoast East Bay Reports



**Contact Us**  
Pam Rubinoff, [rubinoff@uri.edu](mailto:rubinoff@uri.edu)



# 2023 METRO BAY MYCOAST REPORT

## ABOUT MYCOAST

MyCoast RI is an effort to bolster community stewardship and monitoring of changing shorelines, increase awareness, support local and state government planning, and foster cooperative resilience initiatives.

Rhode Island's Metro Bay region consists of Providence, East Providence, Cranston, and Pawtucket.

MyCoast allows community members to share their experiential knowledge of flooding impacts to specific areas within a municipality.

**MyCoast volunteers generate reports by capturing photos of flooding and King Tide impacts. Photos are accompanied by NOAA tidal & weather information.**



T. Fournier - Providence

Volunteers are able to provide detailed information in reports. For example, a volunteer reported that there was damage done to infrastructure in [this report](#).

**The Metro Bay has seen an uptick in water encroaching on infrastructure, and residents are taking notice.**

# Metro Bay Hot Spots

You can search reports by county, municipality, and report type, such as storms or King Tides. You can also filter by neighborhood and date. Use the photos and info for grant proposals, reports, outreach, and more!

During 2023, 96% of Metro Bay reports documented King Tides. However, 75% of these reports came from Providence alone.

## WATERPLACE PARK

Providence

## FOX POINT

Providence

## SEAVIEW AVE

Cranston



C. Priebe - Cranston



66.5% of all reports come from Providence.



25 MyCoast reports were uploaded for Metro Bay in 2023.



The MyCoast website has tips for community engagement.



MyCoast Metro Bay Reports



**Contact Us**

Pam Rubinoff, [rubinoff@uri.edu](mailto:rubinoff@uri.edu)





# 2023 SOUTH SHORE MYCOAST REPORT

## ABOUT MYCOAST

MyCoast RI is an effort to bolster community stewardship and monitoring of changing shorelines, increase awareness, support local and state government planning, and foster cooperative resilience initiatives.

Rhode Island's South Shore region consists of Narragansett, South Kingstown, Charlestown, Block Island and Westerly.

MyCoast allows community members to share their experiential knowledge of flooding impacts to specific areas within a municipality.

**MyCoast volunteers generate reports by capturing photos of flooding and King Tide impacts. Photos are accompanied by NOAA tidal & weather information.**

K. Lee - South Kingstown



Resident Caption via MyCoast: "Trustom Pond in foreground, Moonstone Beach, ocean waves. 24 hrs before Hurricane Lee." (South Kingstown)

**The South Shore has seen an uptick in water encroaching on infrastructure, and residents are taking notice.**

You can search reports by county, municipality, and report type, such as storms, King Tides, or CoastSnap. You can also filter by neighborhood and date. Use the photos and info for grant proposals, reports, outreach, and more!

The South Shore has had over 950 reports uploaded since MyCoast RI was launched in 2015!

# South Shore Hot Spots

## CHARLESTOWN BEACH RD

S. Kingstown

## NARRAGANSETT PIER

Narragansett

## SUCCOTASH ROAD

Charlestown

## ATLANTIC AVE

Westerly



H. Hanka - Westerly



23% of all South Shore reports occurred in 2023.



74% of all CoastSnaps from the South Shore were uploaded in 2023.



What is CoastSnap?



MyCoast South Shore Reports



**Contact Us**

Pam Rubinoff, [rubinoff@uri.edu](mailto:rubinoff@uri.edu)

## 2023 WEST BAY MYCOAST REPORT

### ABOUT MYCOAST

MyCoast RI is an effort to bolster community stewardship and monitoring of changing shorelines, increase awareness, support local and state government planning, and foster cooperative resilience initiatives.

Rhode Island's West Bay region consists of Warwick, North Kingstown, and East Greenwich.

MyCoast allows community members to share their experiential knowledge of flooding impacts to specific areas within a municipality.

**MyCoast volunteers generate reports by capturing photos of flooding and King Tide impacts. Photos are accompanied by NOAA tidal & weather information.**



Volunteers are able to provide detailed information in reports. For example, a volunteer reported that there was damage done to infrastructure in this report.

**The West Bay has seen an uptick in water encroaching on infrastructure, and residents are taking notice.**

You can search reports by county, municipality, and report type, such as storms or King Tides. You can also filter by neighborhood and date. Use the photos and info for grant proposals, reports, outreach, and more!

West Bay MyCoast volunteers have uploaded 700 reports since MyCoast RI launched in 2015!

## West Bay Hot Spots

### WICKFORD

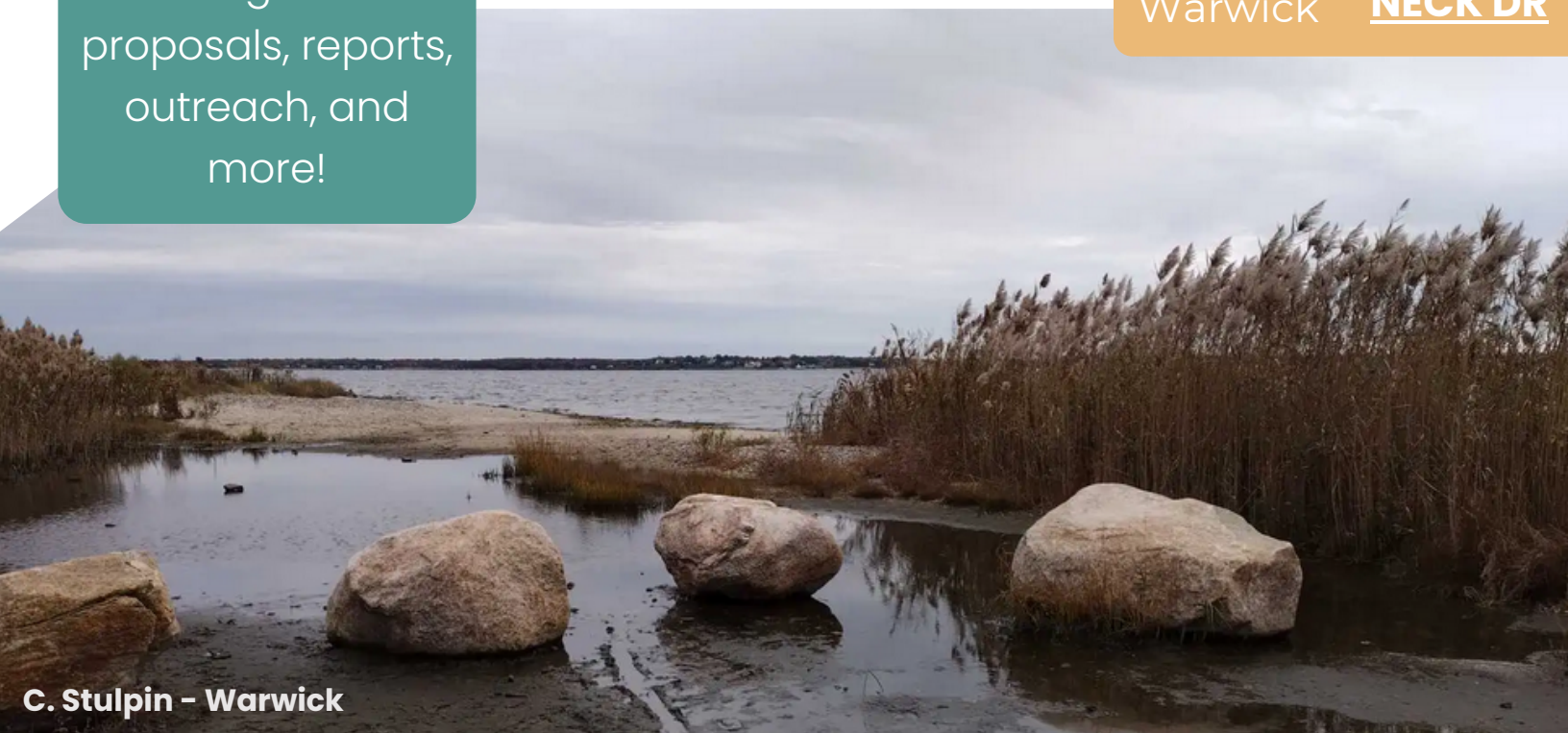
North Kingstown

### OAKLAND BEACH

Warwick

### ARNOLDS NECK DR

Warwick



C. Stulpin - Warwick



60% of all reports came from Warwick.



13% of new unique reporters submitted photos in 2023.



The MyCoast website has tips for community engagement.



MyCoast West Bay Reports



**Contact Us**

Pam Rubinoff, [rubinoff@uri.edu](mailto:rubinoff@uri.edu)

LOOKING AHEAD

# 2024 King Tides

5/6/2024 7:21 PM, 0.93'

6/4/2024 7:03 PM 0.80'

6/5/2024 7:54 PM 0.83'

8/22/2024 10:22 AM, 0.83'

8/23/2024 11:18 AM, 0.80'

9/18/2024 8:24 AM, 0.97'

9/19/2024 9:12 AM, 1.15'

9/20/2024 10:02 AM, 1.15'

9/21/2024 10:54 AM, 0.98'

10/16/2024 7:13 AM, 0.91'

10/17/2024 8:02 AM, 1.20'

10/18/2024 8:51 AM, 1.29'

10/19/2024 9:41 AM, 1.19'

10/20/2024 10:33 AM, 0.92'

11/15/2024 6:43 AM, 1.10'

11/16/2024 7:33 AM, 1.11'

11/17/2024 8:23 AM, 0.95'

Extreme high tides listed are during the day.  
Times & tides estimated for Newport, RI.  
Elevation is above Mean Higher High Water.

MyCoast: RI invites community members, neighborhoods, and municipal leaders to help document flooding and storm impacts along our shorelines. The portal, with photos and associated weather data, is accessible to the public, providing valuable information for understanding risks and building a more resilient community.

Thanks to all our partners and supporters!



Want to use  
MyCoast for your  
community or to  
recruit volunteers?

We've got an updated website, [MyCoast.org/RI](https://MyCoast.org/RI), a [how-to-video](#), a welcome package, and more coming your way soon!

Contact us for more information at [MyCoastRI@uri.edu](mailto:MyCoastRI@uri.edu)