

# July Newsletter



## UPCOMING EVENTS

- **Independence Holiday Observance**
  - July 3 & 4, Town Offices Closed, all day
- **Beach Sweep**
  - July 8 at 9:00 AM
- **Special Meeting: Quasi-Judicial Hearing for a Special Use Permit**
  - July 12 at 5:00 PM
- **Regular Town Board Meeting**
  - July 12 at 6:00 PM
- **Special Meeting: CIP Workshop**
  - July 13 at 1:00 PM
- **Parks and Recreation Board Meeting**
  - July 18 at 10:00 AM, Note Schedule Change\*
- **BIS Committee Meeting**
  - July 20 at 2:00 PM
- **Special Meeting: CIP Workshop**
  - July 25 at 1:00 PM
- **Topsail Sounds - Concert in the Park**
  - July 25 at 6:30 PM
- **Planning Board Meeting**
  - July 26 at 10:00 AM

For more information on all upcoming events (including locations, Agendas, and any supporting documents), visit the Town Website at [topsailbeachnc.gov](http://topsailbeachnc.gov)



## Topsail Beach Recycling Center

All Recyclables (glass, plastic and paper) can be brought to the recycling center located in the front parking lot of the Assembly Building (at the corner of Carolina Blvd and Flake Ave). These are bulk recycling dumpsters that have the Town logo on them in which all recyclable material can be placed.

- Remove lids and caps and crush your plastic soft drink bottles by stepping on them. You'll be saving space in our containers allowing us to operate more efficiently.
- All glass containers may be recycled. Please rinse them out and remove the metal lids.
- Cardboard boxes should be broken down to help maximize space. Do not place cardboard boxes outside of the dumpsters.



As a reminder: **NO Styrofoam** is permitted in the recycling dumpsters. Keeping unpermitted materials out of the recycling dumpsters, such as Styrofoam and regular household trash, will keep these loads free of contaminants.

**Please do not place household trash or bulk items outside of the recycling center.**

## 2023 BEACH SWEEPS

Join us at 9:00 AM on Saturday, July 8th for our next Beach Sweep.

Meeting Locations:

- Access #3, Between 915 N Anderson and BLDG F Queens Grant
- Access # 6, Rocky Mount
- Access #10, Crews Ave
- Access # 16, Sea Vista

Bags, gloves, and waters will be provided for anyone that volunteers!



## BOAT RAMP SEASON PASSES

Season passes for the Bush Marina Boat Ramp go on sale beginning July 1. Passes will be sold at the Marina from 9am - 4 pm daily.

TOPSAIL BEACH PROPERTY OWNERS and RESIDENTS

- Season Pass - \$50
- Weekly Pass - \$20

ALL OTHERS

- Season Pass - \$100
- Weekly Pass - \$40

# RIP CURRENTS

## the danger of rip currents

Rip currents are powerful, channeled currents of water flowing away from shore. They typically extend from the shoreline, through the surf zone, and past the line of breaking waves. Rip currents can occur at any beach with breaking waves.

If you become caught in a rip current, yell for help and remain calm. Do not exhaust yourself and stay afloat while waiting for help. If you have to swim out of a rip current, swim parallel to shore and back toward the beach when possible. Do not attempt to swim directly against a rip current as you will tire quickly.

## risk levels

### LOW

The risk of rip currents is low, however, life threatening rip currents may still occur especially near groins, jetties, reefs, and piers. Always swim near a lifeguard and remember to heed the advice of the local beach patrol and flag warning systems.

### MODERATE

Life threatening rip currents are possible. Always swim near a lifeguard and remember to heed the advice of the local beach patrol and flag warning systems.

### HIGH

Life threatening rip currents are likely. The surf zone is dangerous for all levels of swimmers. Stay out of the water. Remember to heed the advice of the local beach patrol and flag warning systems.



# KING TIDES

## PREDICTED 2023 NORTH CAROLINA KING TIDES

- JUNE 4-5
- JULY 2-5
- JULY 30 - AUG 3
- AUG 27 - SEP 4
- SEP 25 - OCT 4
- OCT 27 - NOV 1
- NOV 26 - NOV 28

## WHAT IS A KING TIDE?

A King Tide is a non-scientific term people often use to describe exceptionally high tides. Tides are long-period waves that roll around the planet as the ocean is "pulled" back and forth by the gravitational pull of the moon and the sun as these bodies interact with the Earth in their monthly and yearly orbits. Higher than normal tides typically occur during a new or full moon and when the Moon is at its perigee, or during specific seasons around the country.

## IMPACT

Minor tidal flooding along the coast, in particular in low-lying areas.

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If a storm occurs at this time, increased levels of tidal flooding and coastal erosion may occur.

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Lower than normal low tides will also occur.



These king tide events are important because they show what average water levels might look like in the future based on sea-level rise projections. As water levels rise along the coastline, high tides can extend further inland and lead to local flooding. This is of particular concern when a king tide occurs under storm conditions, causing extreme storm surges that can lead to significant damage to property and coastline.

## HELPFUL DEFINITIONS

### SYZGY

Linear alignment of the sun, moon, and Earth, which occurs during the new and full moon, causes the respective gravitational pulls of the sun and moon to reinforce each other.

### SPRING TIDE

The effect of syzygy causes an increase in the tidal range.

### PERIGEE

Occurs when the moon reaches the closest point to the Earth during its elliptical orbit.

### PERIGEAN SPRING TIDE

Occurs when the moon is closest to the Earth during a spring tide.

### PERIHELION

Occurs when the Earth is closest to the sun in its elliptical orbit.

