

North Carolina King Tide Project

New Bern Parks and Recreation works with North Carolina King Tides Project for coastal water level monitoring and data collection. North Carolina King Tide Project placed a measuring stick at Lawson Creek Park boat launch 1 located at 1309 Country Club Road. Each morning Monday-Friday a staff member takes a picture of the measuring stick at 8:00 am to collect the water level for the day. Once the pictures are collected, they are posted on a Water Level Reporter found at

<https://noaa.maps.arcgis.com/apps/MapSeries/index.html?appid=8e4a278576964f47b4fc050e51f344ca>.

Additional information is added to the report such as, the area affected by the water level and the cause of observed water level (tide, wind, rain, etc.). Data is entered daily, and at the end of each month a spreadsheet is sent to the North Carolina King Tide Project with the water level, weather conditions, wind speed, and temperature each day the water level was recorded.

This information collected gives the City and North Carolina King Tide Project information needed to visualize what sea levels and river levels might look like in the future and help improve community planning efforts. The results can be viewed at

<http://NCKingtides.web.unc.edu/>.