

## HOW 'STACKING' OF BACK BAYS INCREASES FLOODING

Any onshore wind will push waters from the Atlantic Ocean onto the shores and back bays.

MAINLAND

Back bay flooding more severe

Slow draining

Barnegat Bay

Long Beach Island

Little Egg Harbor

Great Bay

Brigantine

Atlantic City

Great Egg Harbor Bay

Ocean City

Atlantic Ocean

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Days of onshore winds will 'stack' the water, not allowing water to effectively drain out during high tides.

This can happen in any land form, but the back bays and towns on the mainland are the most susceptible to 'stacking'

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