

DANGER

Beach stairway is
CLOSED

for your protection and
the preservation of the
fragile dunes

Other beach access
is at your own risk.

You may not be able to
climb off the shoreline.

Beach Erosion Issues

Wildewood, Golf Lane and CSA

July 25, 2019

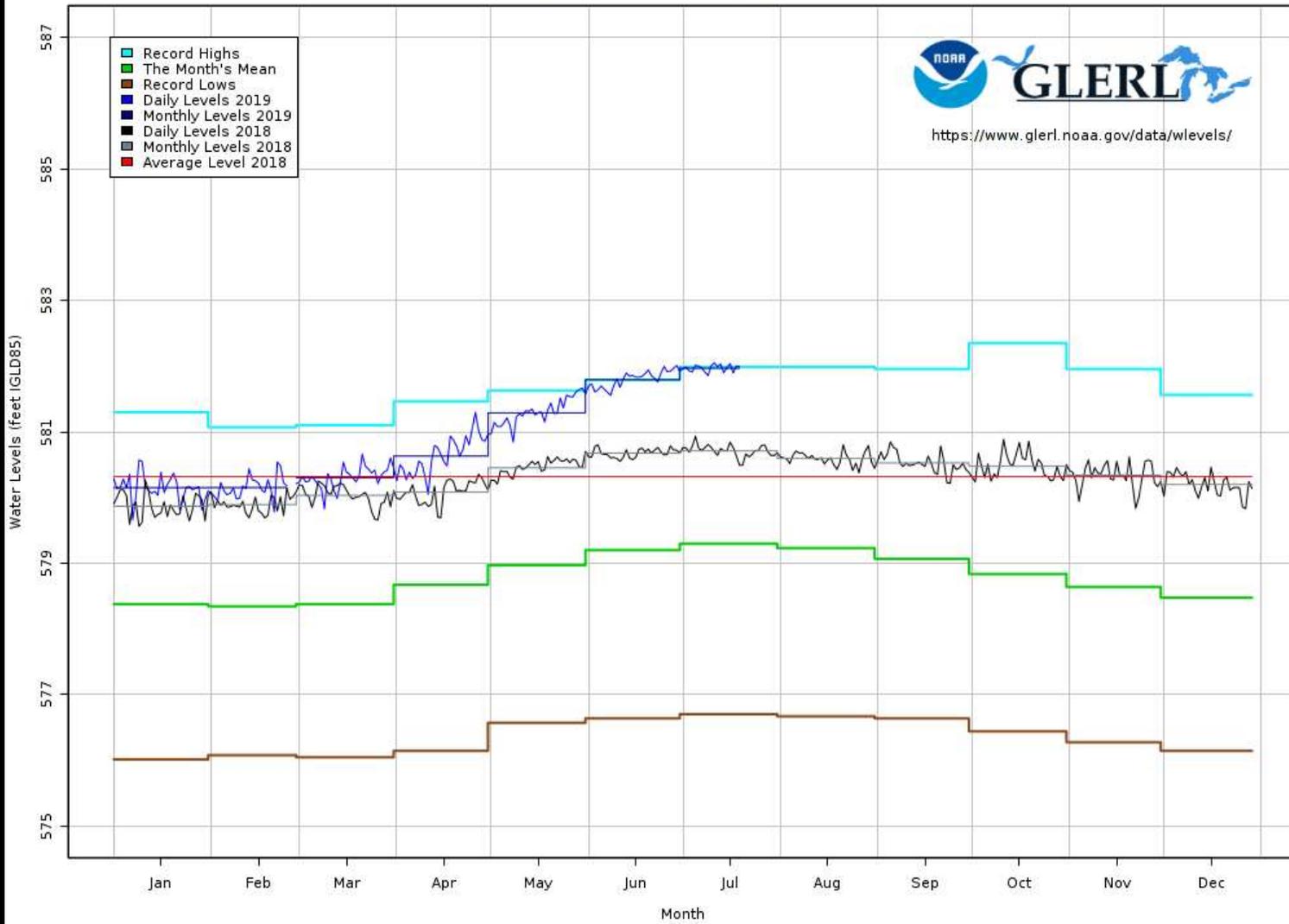
Resolution

- The CSA Board of Trustees expresses sympathy and support for residents of Wildewood and Golf Lane and are committed to getting appropriate documentation to Members to enable them to consider their request for permission to cross the Michigan dunes in connection with erosion mitigation, with the understanding that they will restore the dune and will bear the associated costs.



2012
Plenty of CSA Beach for a campfire

Lake Michigan-Huron Water Levels from Harbor Beach, MI - 9075014 2018 - 2019
As of End of Day 07/20/2019 (Refresh your browser to ensure plot is up to date)



<https://www.glerl.noaa.gov/data/wlevels/>

Current Status

Due to the high level of water, and the intense wind and rain on Lake Michigan, the dunes in front of Wildewood, Golf Lane and the CSA Lake Michigan beach are eroding significantly.

The CSA Board of Trustees has already closed the stairs to the CSA Michigan Beach.

Wildewood and Golf Lane bluff owners want to take action to save the bluff in front of their homes.

1986
Wildewood
Wall Today



1986
Wildewood
Wall Today



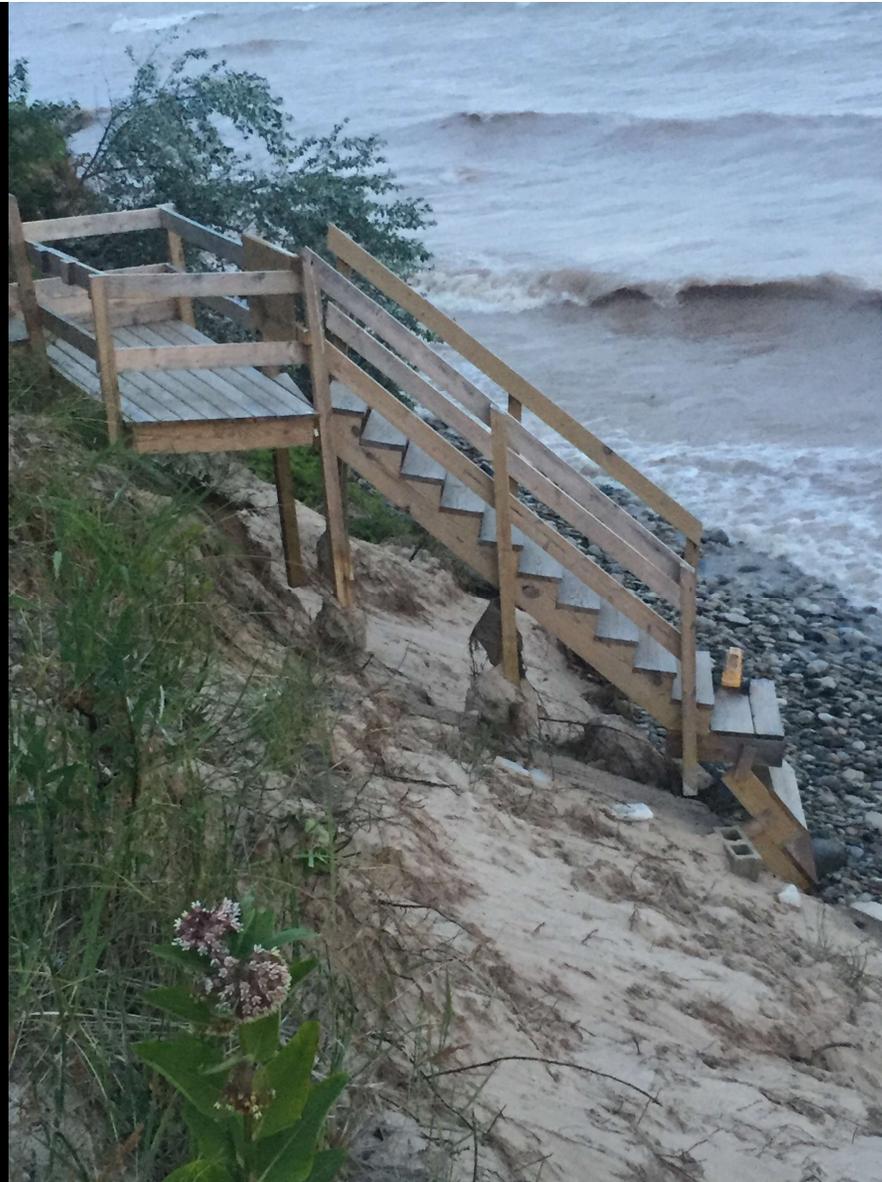


Border of
Wildewood
and CSA





July 27, 2019
8 PM



Wildewood & Golf Lane Request

- Wildewood requests temporary contractor access to its bluff from the CSA through CSA common property. The purpose is to construct a retaining wall to protect the Wildewood bluff, and potentially Golf Lane, from rising lake levels.
- CSA approved a similar request in 1986/87 by CSA and Wildewood lot owners who then constructed wooden retention walls.
- Wildewood is actively seeking bids to do the work.
- The contractor chosen would restore the CSA dune.
- The Wildewood and Golf Lane homes on bluff would shoulder the cost.



Retention Wall Styles

Facts

- A retention wall captures spoils from the bluffs to allow vegetation to reestablish.
- 9 of 11 Wildewood bluff owners are in favor of building a retention wall, pending cost estimates.
- Several Golf Lane owners are interested.
- The current estimates for a retention wall range from \$400/lineal foot to \$800.
 - Wood
 - Boulders
 - Corrugated steel sheeting
 - Corrugated steel sheeting with boulders

CSA Considerations

Issues

- The dunes are eroding quickly.
- The selection of a contractor is being urgently addressed by Wildewood bluff owners. CSA is not yet participating in this process.
- The permitting will take 6-9 months.
- The Army Corp of Engineers may require boulders in front of a corrugated metal retention wall.