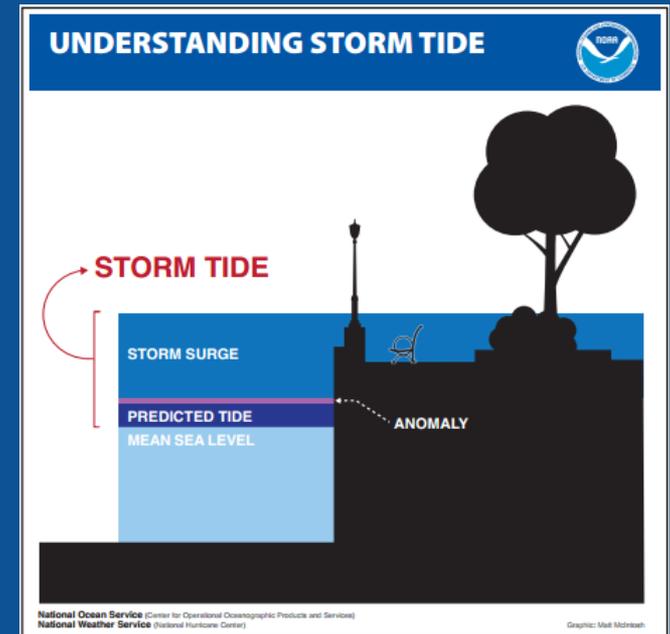


Clarifying Water Levels and Datums

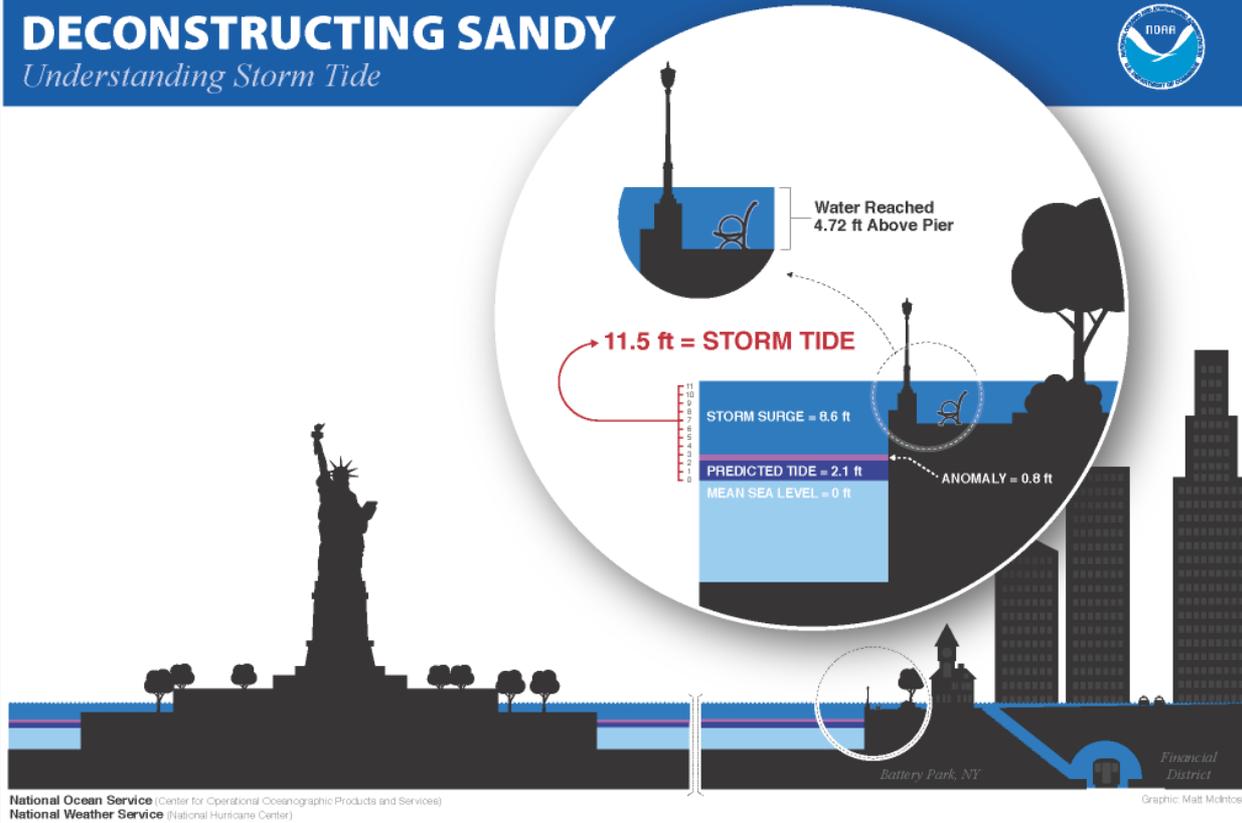
National Ocean Service working with the National Hurricane Center (NHC) to alleviate confusion regarding tidal datums

- Inundation occurs when storm tide levels reach normally dry ground, and NHC forecasts describe flooding above ground
- Mean Higher High Water (MHHW) is being used to approximate where inundation could begin
- *Storm Quicklook* and NOS web services include water level data relative to MHHW



DECONSTRUCTING SANDY

Understanding Storm Tide



DEMYSTIFYING DATUMS

(Measurement in Feet)

	Ground Level	Mean Higher High Water	Mean Sea Level	Mean Lower Low Water
Storm Tide (total Inundation)	4.72	9.01	11.49	14.06
Surge	8.56	8.56	8.56	8.56
Anomaly	0.85	0.85	0.85	0.85
Predicted Tide	-4.69	-0.40	2.08	4.65

