

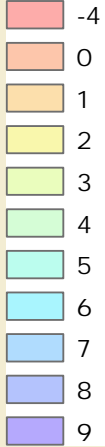
WM 2.3
2070 Future Conditions

Palm Beach County

F

Groundwater Elevation

Feet NAVD 1988



Water Conservation Areas

Atlantic Ocean

Miami-Dade County



USGS - United States Geological Survey
 COAPS - Center for Ocean-Atmospheric Prediction Studies
 CCSM - Community Climate System Model
 NOAA - National Oceanic and Atmospheric Administration
 NAVD 88 - North American Vertical Datum 1988

Department Name - Resilient Environment Department

The map represents the predicted future average wet season groundwater elevations in Broward County based on model outputs for the months of May through October for the year 2070. The models used are MODFLOW-based Broward County Inundation Models Phase 1 and Phase 2, and the Broward County Northern Variable Density Model developed by the USGS. The modeled future conditions are precipitation and sea level rise. The future precipitation pattern is based on the COAPS downscaled CCSM global model and represents an increase of 9.1% from the base case of 1990-1999 (53.4 to 58.2 in/yr). This map is an update to Plate WM 2.1 - Future Conditions, in accordance with the 2017 NOAA Intermediate-High Sea Level Rise Scenario for 2070 with a predicted increase of 40 inches relative to the year 2000. Final results are presented in Feet NAVD88.

Effective July 1, 2024

This map is for planning purposes and should not be used for legal boundary determinations.