



Caribbean-Florida Water Science Center (CFWSC)

Home

The CFWSC has an active presence in support of hydrologic research and monitoring across the Florida, Puerto Rico, and the U.S. Virgin Islands region. We look forward to expanding our work with partner organizations throughout this region and identifying new projects of mutual interest relevant to our water-resources. For questions related to water resources, please feel free to:

[Contact Us](#)

Latest Highlights



Publication: Monitoring Storm Tide, Flooding, and Precipitation From Hurricane Maria in Puerto Rico and the U.S. Virgin Islands, September 2017

[Science Highlights](#)

Real-Time/Historical Data



We provide current and historical surface-water, groundwater, water quality, water use, and ecological data in various formats.

[Access Data](#)

Additional Topics

[Strategic Science Plan](#)

[Water Level and Salinity Analysis Mapper](#)

[Watercams for Florida](#)

[Educational Resources](#)

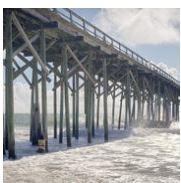
[Learn about Surface Water](#)

[Learn about Groundwater](#)

[Learn about Water Quality](#)

[Director's Message](#)

News



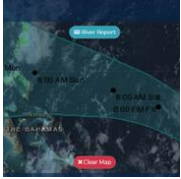
Date published: SEPTEMBER 5, 2019

[USGS Scientists Document Hurricane Dorian's Impacts](#)

Editor's Note: This story was revised Sept. 10, 2019 to include the later phases of USGS' response to Hurricane Dorian.

To learn more about USGS' role providing science to decision makers before, during and after Hurricane Dorian, visit the USGS Hurricane Dorian page at www.usgs.gov/dorian.

Attribution: Core Science Systems, Natural Hazards, Water Resources, Coastal and Marine Hazards and Resources Program, States and Territories, Region 2: South Atlantic-Gulf (Includes Puerto Rico and the U.S. Virgin Islands), Region 7: Upper Colorado Basin, Caribbean-Florida Water Science Center, South Atlantic Water Science Center (SAWSC), St. Petersburg Coastal and Marine Science Center, Virginia and West Virginia Water Science Center



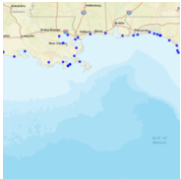
Date published: AUGUST 29, 2019

USGS deploying 175 storm-tide sensors in Fla., Ga.

Editor's Note: This story was originally published Aug. 29 and was updated Aug. 30 and Aug. 31 to reflect changes in the number and locations of sensor deployments as Hurricane Dorian's forecast track changed.

To learn more about USGS' role providing science to decision makers before, during and after Hurricane Dorian, visit the USGS Hurricane Dorian page at www.usgs.gov/dorian.

Attribution: Water Resources, States and Territories, Region 2: South Atlantic-Gulf (Includes Puerto Rico and the U.S. Virgin Islands), Caribbean-Florida Water Science Center, South Atlantic Water Science Center (SAWSC)



Date published: OCTOBER 10, 2018

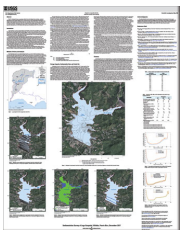
New USGS Network Leads to Fast Preparations for Hurricane Michael

To learn more about USGS' role providing science to decision makers before, during and after Hurricane Michael, visit the USGS Hurricane Michael page at <https://usgs.gov/hurricane-michael>.

Attribution: States and Territories, Region 2: South Atlantic-Gulf (Includes Puerto Rico and the U.S. Virgin Islands), Caribbean-Florida Water Science Center

[View All News](#)

Publications



Year Published: 2019

Sedimentation survey of Lago Guayabal, Villalba, Puerto Rico, December 2017

The U.S. Geological Survey, in cooperation with the Puerto Rico Electric Power Authority, conducted a sedimentation survey of Lago Guayabal in 2017 to determine reservoir infill sedimentation rates, generate a bathymetric map of the bottom elevations of the reservoir, and create a stage-volume relation. The original (1913) capacity of Lago...

Gómez-Fragoso, Julieta M.; Rosario, Manuel

Attribution: [Caribbean-Florida Water Science Center](#)

[View Citation](#) ✓

Year Published: 2019

[Catalog of microscopic organisms of the Everglades, part 2—The desmids of the Arthur R. Marshall Loxahatchee National Wildlife Refuge](#)

The Arthur R. Marshall Loxahatchee National Wildlife Refuge (refuge), Boynton Beach, Florida, contains approximately 147,000 acres southeast of Lake Okeechobee. Water quality in the interior portion of the refuge is strongly influenced by rainfall, resulting in slightly acidic waters with low dissolved ions. Desmids, a unique, ornate group of...

Rosen, Barry H.; Stahlhut, Katherine N.; Hall, John D.

Attribution: [Wetland and Aquatic Research Center](#), [Caribbean-Florida Water Science Center](#), [Ecosystems](#)

[View Citation](#) ✓



Year Published: 2019

[The hydrologic system of the south Florida peninsula—Development and application of the Biscayne and Southern Everglades Coastal Transport \(BISECT\) model](#)

The Biscayne and Southern Everglades Coastal Transport (BISECT) model was developed by the U.S. Geological Survey under the Greater Everglades Priority Ecosystem Studies Initiative to evaluate, both separately and in conjunction, the likely effects on surface-water stages and flows, hydroperiod, and groundwater levels and salinity in south Florida...

Swain, Eric D.; Lohmann, Melinda A.; Goodwin, Carl R.

Attribution: [Caribbean-Florida Water Science Center](#)

[View Citation](#) ✓

[View All Publications](#)