

Lake Panasoffkee Bi-Weekly Conditions Report September 1, 2017

The Southwest Florida Water Management District (District) monitors environmental conditions at a number of water bodies in its 16-county area, including Lake Panasoffkee and the Withlacoochee River, to determine the health of our local waters and the results of restoration projects. The District also manages a number of local structures, including the Wysong-Coogler Water Conservation Structure as a means of water conservation. This update provides current information about the health of Lake Panasoffkee and the operation of the Wysong-Coogler Water Conservation Structure.

Lake Panasoffkee Water Level: 38.64 Feet * (see footnote below).

☐ Below Seasonal Average
Less than 37.14* Feet

☒ Seasonal Average
37.14–38.64* Feet

☐ Above Seasonal Average
More than 38.64* Feet

Lake Panasoffkee Dissolved Oxygen: 5.02 mg/l. This number, represented in milligrams per liter, indicates the amount of oxygen present in the water. This affects the lakes ability to support life.

☐ Below Average
Less than 5 mg/l

☒ Average
5–10 mg/l

☐ Above Average
More than 10 mg/l

Lake Panasoffkee Water Clarity 18.19% of available sunlight reaching the lake's bottom.

☐ Below Average
Less than 5% of light

☒ Average
5–20% of light

☐ Above Average
More than 20% light

Lake Panasoffkee Water Temperature: 83.71°

Lake Panasoffkee Period Rainfall (in inches):

Actual Rainfall		Historical Average Rainfall
8/18/2017 – 9/1/2017 (Past 14 Days)	1/1/2017 - 9/1/2017 (Year to Date)	1/1 - 9/1 (Year to Date)
2.45	33.53	39.81

Wysong-Coogler Structure Gate Positions, Discharge, and Water Level Elevations:

Main Gate (230 ft. in length)	Partially Inflated-Wysong Upstream 37.30* Feet Wysong Downstream 36.38* Feet
Independent Gate (19 ft. in length)	Fully Deflated Withlacoochee River Average Discharge 498.43 CFS (USGS) Outlet River Average Discharge 47 CFS (USGS)

*** This report has been upgraded to NAVD 88 elevations. To determine the NGVD 29 water level, add 0.86 feet to NAVD 88 water level. For more information about vertical datums, please visit: WaterMatters.org/DatumUpgrade.**