

# Lake Panasoffkee Bi-Weekly Conditions Report

## October 5, 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: 40.9 Feet \* (see footnote below).**

<input type="checkbox"/> <b>Below Seasonal Average</b> Less than 37.14* Feet	<input type="checkbox"/> <b>Seasonal Average</b> 37.14–38.64* Feet	<input checked="" type="checkbox"/> <b>Above Seasonal Average</b> More than 38.64* Feet
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**Lake Panasoffkee Dissolved Oxygen: 1.92 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.

<input checked="" type="checkbox"/> <b>Below Average</b> Less than 5 mg/l	<input type="checkbox"/> <b>Average</b> 5–10 mg/l	<input type="checkbox"/> <b>Above Average</b> More than 10 mg/l
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**Lake Panasoffkee Water Clarity 0.17%** of available sunlight reaching the lake's bottom.

<input checked="" type="checkbox"/> <b>Below Average</b> Less than 5% of light	<input type="checkbox"/> <b>Average</b> 5–20% of light	<input type="checkbox"/> <b>Above Average</b> More than 20% light
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**Lake Panasoffkee Water Temperature: 77.41°**

**Lake Panasoffkee Period Rainfall (in inches):**

Actual Rainfall		Historical Average Rainfall
9/22/2017 – 10/5/2017 (Past 14 Days)	1/1/2017 - 10/5/2017 (Year to Date)	1/1 - 10/5 (Year to Date)
0.90	47.54	46.26

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

Main Gate (230 ft. in length)	Fully Deflated-Wysong Upstream 40.03* Feet Wysong Downstream 39.9* Feet
Independent Gate (19 ft. in length)	Fully Deflated Withlacoochee River Average Discharge 3030 CFS (USGS) Outlet River Average Discharge 206.2 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](http://WaterMatters.org/DatumUpgrade).**