

Lake Panasoffkee Bi-Weekly Conditions Report October 14, 2016

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: 37.95 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
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Lake Panasoffkee Dissolved Oxygen: 9.68 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
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Lake Panasoffkee Water Clarity 37.57 % of available sunlight reaching the lake's bottom. *water is tannin stained, reducing water clarity. This is normal for the end of the rainy season

☐ Below Average Less than 5% of light	☐ Average 5–20% of light	☒ Above Average More than 20% light
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Lake Panasoffkee Water Temperature: 75.88°

Lake Panasoffkee Period Rainfall (in inches):

Actual Rainfall		Historical Average Rainfall
8/25/2016 – 10/14/2016 (Past 50 Days)	1/1/2016 – 10/14/2016 (Year to Date)	1/1 – 10/14 (Year to Date)
15.08	47.77	47.37

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

Main Gate (230 ft. in length)	Partially Deflated-Wysong Upstream 37.47* Feet Wysong Downstream 36.75* Feet
Independent Gate (19 ft. in length)	Fully Deflated Withlacoochee River Discharge 663.76 CFS (USGS) Outlet River Discharge 46.30 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.