

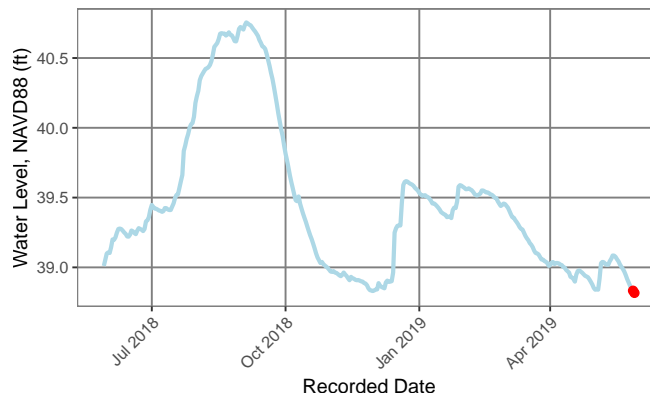
# Lake Panasoffkee Conditions Report

2019-05-29

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

	Current	Last Month	Last Year
Water Level (ft)	38.82	38.9	39.01
Creek InFlow (ft <sup>3</sup> /s)	57	77.4	124.1
Lake Outflow (ft <sup>3</sup> /s)	72.3	102	164
Dissolved Oxygen	11.15	8.26	8.26
Light Penetration	71%	NA	NA



Dissolved Oxygen (DO), and Light Penetration are recorded at Lake Panasoffkee. These parameters are taken from the North and South side of the lake, the middle of the lake, and the outlet canal of the lake. DO indicates the amount of oxygen present in the water. This affects the lakes ability to support life. Light Penetration indicates the available sunlight reaching the lake bottom as a percentage.

## Wysong Structure

The Wysong Structure consists of two operable gates. The main gage is 230 feet wide while the independent gate is 19 feet wide. These gates are typically operated to conserve water and their position depends on available water levels and flows upstream. The Main Gate is currently fully raised and the Independent Gate is partially raised.

	Current	Last Month	Last Year
Upstream Wysong Structure Water Level	38.52	38.59	38.57
Downstream Wysong Structure Water Level	35.67	35.84	36.17
Flow (ft <sup>3</sup> /s)	176	282	342

## Summary of Rainfall Information

The rainfall station located at Lake Panasoffkee has recorded **0** inches of rainfall the past two weeks. That brings the yearly total to **12.86**, Which is below the historic average of **14.19**.