

MEMORANDUM

TO: John Mitnik, Assistant Executive Director

THROUGH: Peter Kwiatkowski, Section Administrator, Resource Evaluation

FROM: SFWMD Staff Water Supply Advisory Team

DATE: July 5, 2023

SUBJECT: Water Supply Report

District-wide Conditions

About 70 percent the United States Geological Survey (USGS) real-time wells in the Kissimmee Basin (KB) are in the median and upper percentile ranges for this time of year. The wells in the Upper KB are mostly completed in the Floridan aquifer and the wells in the Lower KB are surficial aquifer system wells. Surface and groundwater levels decreased in approximately 80 percent of the KB stations over the last seven days.

Upper East Coast (UEC) surface water levels showed mixed trends, and groundwater levels decreased during the last week. Stages in UEC canals C-23, C-24, and C-25 are 20.50, 18.95, and 18.29 feet, all above the fourteen feet agricultural cut-off. About 80 percent of the UEC wells are in the median and upper percentile ranges for this time of year.

Approximately 75 percent of the surface and groundwater stations in the Lower East Coast recorded increases over the past seven days. About 80 percent of the LEC surficial aquifer system stations are in the median and upper percentile ranges for this time of year.

Groundwater levels increased in about 60 percent of the Lower West Coast (LWC) stations over the last week. Half of the surficial aquifer system wells are in the median and upper percentile ranges for this time of year. Approximately 70 percent of the Lower Tamiami aquifer wells are in the lower percentile ranges for this time of year. About 70 percent of the Sandstone aquifer wells are in the lower percentile ranges. Approximately 60 percent of the Mid-Hawthorn aquifer wells are in the lower percentile ranges for this time of year.

Figure 1 shows a statistical comparison between current groundwater levels and long-term historical monthly average groundwater levels at representative wells throughout the District.

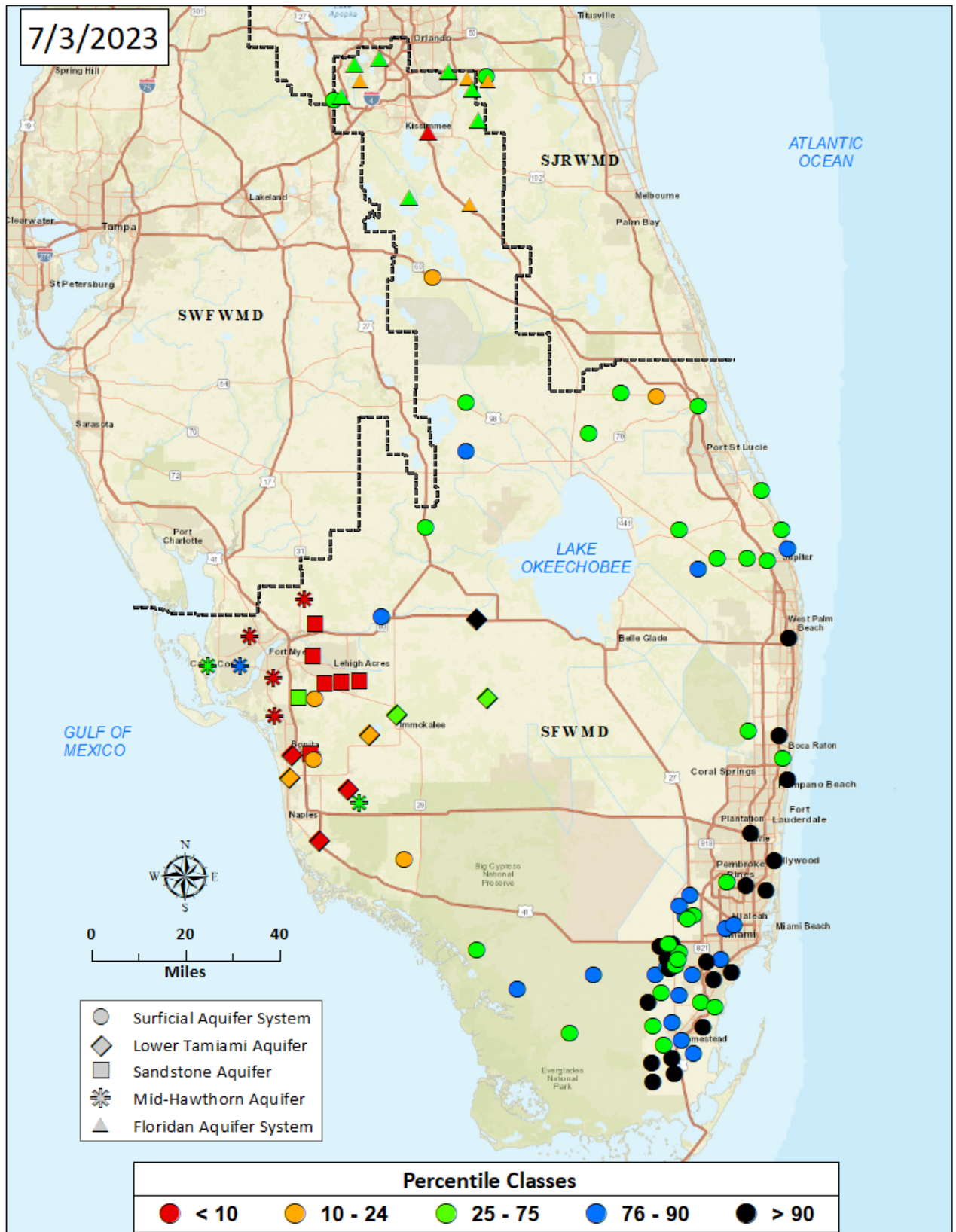


Figure 1. Current Groundwater Level Conditions

Water Supply Technical Input to LORS2008

No LORS data this week due to the July 4th holiday