Lake Fact Sheet
Lake Bessye

Lake Location Data

Latitude: 28° 36' 16" N
Northing: 1,552,817
STR: 01-22-28

Longitude: 81° 28' 18" W
Easting: 504,801

Major Drainage Basin: Wekiva River Drainage Basin
Water Management District: SJRWMD
Commissioner District: 2
Maintenance District: Apopka

General Information

Contributing Area (ac): N/A
NHWE (ft NAVD): N/A
Surface Area @NHWE (ac): N/A
Datum Conversion (ft): -0.922
Datum Conversion Source: USACE Corpscon (based on lake centroid)

Receiving Water Body: Sanchez Lake
Flowpath: Lake overtops to the west and flows overland to Sanchez Lake

Correlation of Associated Data IDs

Lake Index ID: 3072
EPD Lake ID: N/A
Major Basin Model Node: N/A
Alias: N/A

Landuse Distribution Within Contributing Area

Contributing Drainage Area Not Delineated
Lake Fact Sheet
Lake Bessye

**FEMA Information**

1% Chance Flood El. (ft NAVD): Floodplain Not Mapped
1% Chance Flood El. Source: FEMA
FEMA Datum Conversion (ft): -0.94
FEMA FIRM Effective Date: 9/25/2009
FEMA FIRM Panel: 12095C0230F

**Primary Outfall Data**

Outfall Type: Natural Overflow
Public Works (PW) ID: N/A
EPD ID: N/A
Orlando ID: N/A
Landlocked: Yes
Outfall Control El. (ft NAVD): N/A
Major Basin Model Link: N/A
Source: N/A

**Additional Outfall Structures**

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<tr>
<th>Type</th>
<th>PW ID</th>
<th>Control Elev (ft)</th>
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**Outfall & Floodplain Map**

- Primary Lake Outfall
- 100yr FEMA Floodplains
- 1% Chance Flood El. Source: FEMA

**Lake Photograph**

No Structural Outfall
Natural Overflow
Lake Bessye

1 of 4
Lake Fact Sheet
Lake Bessye

Historical Lake Levels

Lake Stage Data Not Available

Monthly Data

Lake Stage Data Not Available
General Notes:

1. All elevations are referenced to the North American Vertical Datum of 1988 (NAVD 88) unless otherwise noted.
2. Local datum conversion factors represent conversion from NGVD 29 to NAVD 88. Local conversion factors are County-established and are based on conversion factors for local County benchmarks, as recorded by Orange County Survey Department. Where benchmark conversions are not available, datum conversion factors were obtained from NOAA VertCon or USACE Corpson based on the centroid of each lake. Note that the Local Datum Conversion Factor may differ from that used in FEMA FIS Reports and FIRM Maps.
3. Lake Location Data is based on the centroid of the subject lake.
4. "Contributing Area" is based on existing drainage basin delineations from major drainage basin master stormwater models provided by the County.
5. "Surface Area at NHWE" was determined using Orange County terrain data where available. Where “N/A” is indicated, terrain data was not available at the NHWE or appeared suspect.
6. “Receiving Water” and “Flowpath” are estimated based on available lake outfall, aerial, and terrain data.
7. "Lake Index ID" is the ID associated with the County’s Lake Index feature class (Feature class field: LINKFIELD).
8. “EPD ID” designates nomenclature used by the Orange County Environmental Protection Division.
10. Land Use designations were assigned by St. Johns River Water Management District (SJRWMD, 2009) and South Florida Water Management District (SFWM, 2008). The Landuse Distribution chart includes the lake feature in the water percentage shown.

Notes Related to Lake Stage Graphs:

1. “Lake Stage Data Not Available” indicates that the lake stage is not monitored by Orange County.
2. Rainfall data is from Orange County Lake Orlando rainfall gage and from the NOAA rainfall gage at Orlando International Airport.
3. Average Monthly Rainfall is the historical average of the total monthly rainfall as recorded by the NOAA Orlando International Airport rainfall gage.
4. Lake stage data is from SFWM and Orange County.
5. Average Annual Lake Stage is the average of periodically recorded stages within a given year.
6. High-Low bars indicate the maximum and minimum stage recorded within a given year.
7. Recorded Stages indicate the measured stage at a given time and may not represent the actual trend between measurements.
8. Historical Average Stage is based on the arithmetic average of past stage data provided by the County from the period of record for each lake.
9. Historical Maximum Stage is the highest recorded stage within the lake, provided by the County.
10. Graphs are current as of August 2013.