Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 6/25/2018 (ENSO Neutral Condition)

Lake Okeechobee Net Inflow Outlook:

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method¹, the SFWMD empirical method², a sub-sampling of Neutral years³ and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with La Nina ENSO years⁴. The results for Croley's method and the SFWMD empirical method are based on the <u>CPC Outlook</u>.

Table of the Lake Okeechobee Net Inflow Outlooks in feet of equivalent depth. All methods are updated on a weekly basis with observed net inflow for the current month.

| Season | | oley's ethod ^{1*} | SFWMD Empirical Method ² | | mpirical Sub-sampling of ENSO Years ³ | | Sub-sampling of AMO Warm + ENSO Years ⁴ | |
|--------------------------------|---------------|-------------------------------|---|------------------|--|-----------|--|------------------|
| | Value (ft) | <u>Condition</u> | Value (ft) | <u>Condition</u> | Value (ft) | Condition | Value (ft) | <u>Condition</u> |
| Current (Jun- Nov) | N/A | N/A | 2.55 | Very Wet | 2.83 | Very Wet | 2.22 | Very Wet |
| Multi Seasonal (Jun-Apr) | N/A | N/A | 3.08 | Wet | 3.51 | Wet | 1.86 | Normal |

*Croley's Method Not Produced For This Report

See <u>Seasonal</u> and <u>Multi-Seasonal</u> tables for the classification of Lake Okeechobee Outlooks.

The recommended methods and values for estimating the Lake Okeechobee Net Inflow Outlook are shaded and should be used in the LORS2008 Release Guidance Flow Charts.

**Sub-sampling is a weighted average of ENSO conditions based on the ENSO forecast used.

Tributary Hydrologic Conditions Graph:

4100 cfs 14-day running average for Lake Okeechobee Net Inflow through 6/24/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Wet.

1.39 for Palmer Index on 6/23/2018.

According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

The wetter of the two conditions above is Wet.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 6/25/2018

Lake Okeechobee Stage: 14.05 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

| | ee Management | Bottom Elevation | Current |
|---------------------|--------------------------|------------------|------------|
| Zone | Band | (feet, NGVD) | Lake Stage |
| High Lake Manage | ement Band | 16.11 | |
| | High sub-band | 15.64 | |
| Operational Band | Intermediate sub-band | 15.17 | |
| | Low sub-band | 13.22 | ← 14.05 |
| Base Flow sub-ba | nd | 12.60 | |
| Beneficial Use sub | o-band | 10.98 | |
| Water Shortage M | anagement Band | | |

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to maximum practicable releases to the WCAs if desirable or with minimum everglades impacts; otherwise no releases.

Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: S-79 Up to 3000 cfs & S-80 Up to 1170 cfs.

Back to Lake Okeechobee Operations Main Page

Back to U.S. Army Corps of Engineers Homepage

LORS2008 Implementation on 6/25/2018 (ENSO Neutral Condition):

Status for week ending 6/25/2018:

District wide, Raindar rainfall was 1.58 inches for the week. Lake stage on 6/25/2018 was 14.05 ft, NGVD, down 0.05 ft from last week.

The updated June 2018 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Low Flow Sub-Band. The 2008 LORS Tributary Hydrologic Condition (THC) is classified as **Wet**. The PDSI indicates normal conditions and the LONIN is wet. The THC classification is based on the wetter of the two <u>indices</u>.

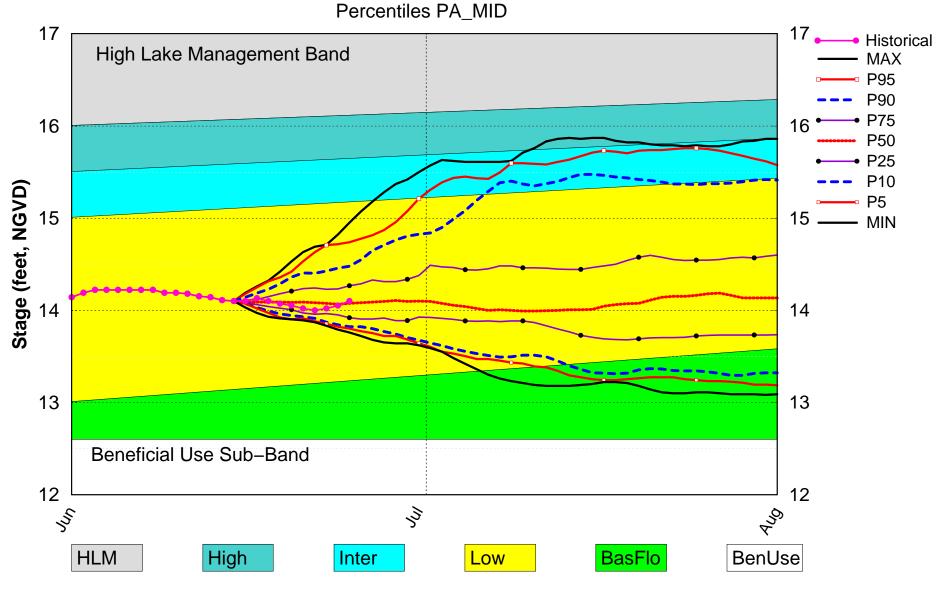
Water Supply Risk Evaluation

| Area | Indicator | Value | Color Coded Scoring Scheme |
|------|---|---|-------------------------------|
| | Projected LOK Stage for the next two months | Low Flow Sub Band | L |
| | Palmer Index for LOK Tributary Conditions | 1.39 (Normal to Extremely Wet) | L |
| | CPC Provinitation Outlook | 1 month: Normal | L |
| LOK | CPC Precipitation Outlook | 3 months: Normal | L |
| | LOK Seasonal Net Inflow Outlook ENSO Years | 2.83 ft (Normal to Extremely Wet) | L |
| | LOK Multi-Seasonal Net Inflow Outlook ENSO Conditions | 3.51 ft (Wet) | L |
| | WCA 1: Station Average (Site 1-7, Site 1-8T, Site 1-9) | Above Line 1 (16.35 ft) | L |
| WCAs | WCA 2A: Site 2-17 | Above Line 1 (12.95 ft) | L |
| | WCA-3A: 3 Station Average (Site 63, 64 and 65) | Above Line 1 (10.89 ft) | L |
| | Service Area 1 | Year-Round Irrigation Rule in effect | L |
| LEC | Service Area 2 | Year-Round Irrigation Rule in effect | L |
| | Service Area 3 | Year-Round Irrigation Rule in effect | L |

Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

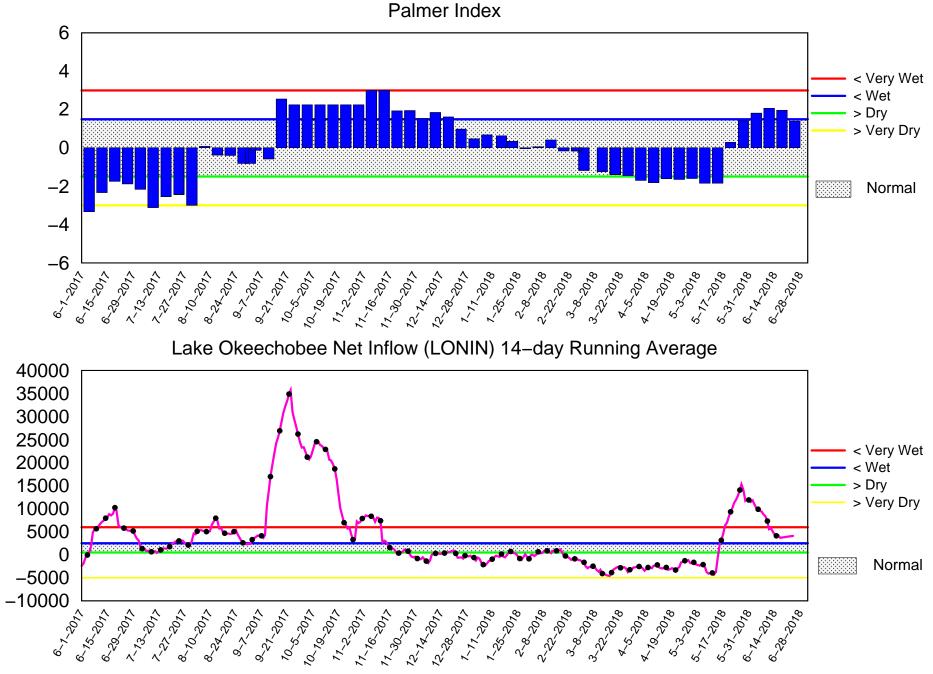
Back to Lake Okeechobee Operations Main Page Back to U.S. Army Corps of Engineers Lake Okeechobee Homepage

Lake Okeechobee SFWMM June Mid–Month 2018 Position Analysis



(See assumptions on the Position Analysis Results website)

Tue Jun 26 10:30:42 2018



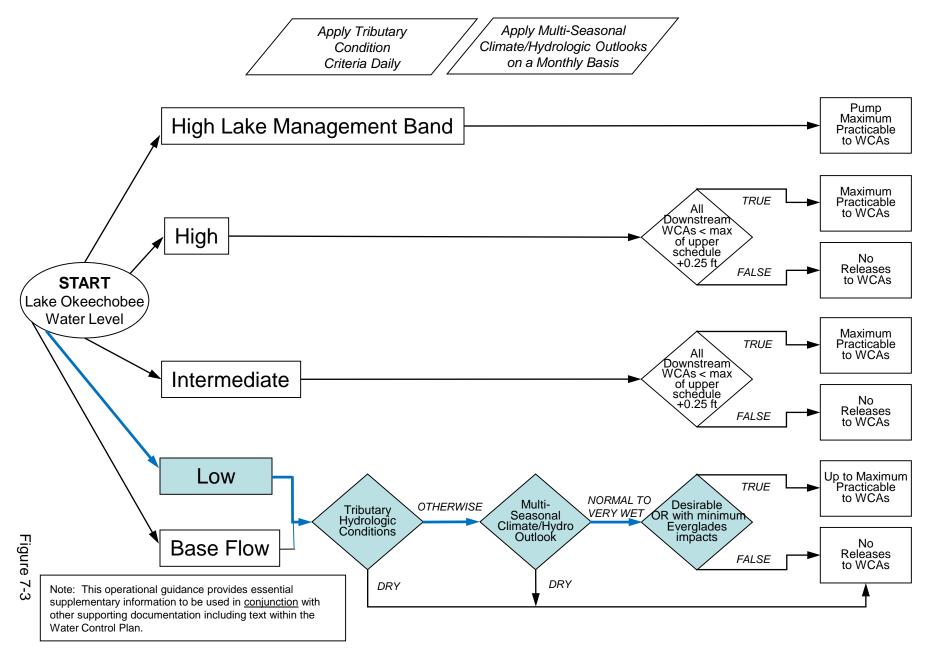
Tributary Basin Condition Indicators as of June 25 2018

Tue Jun 26 10:16:30 2018

Flow (cfs)

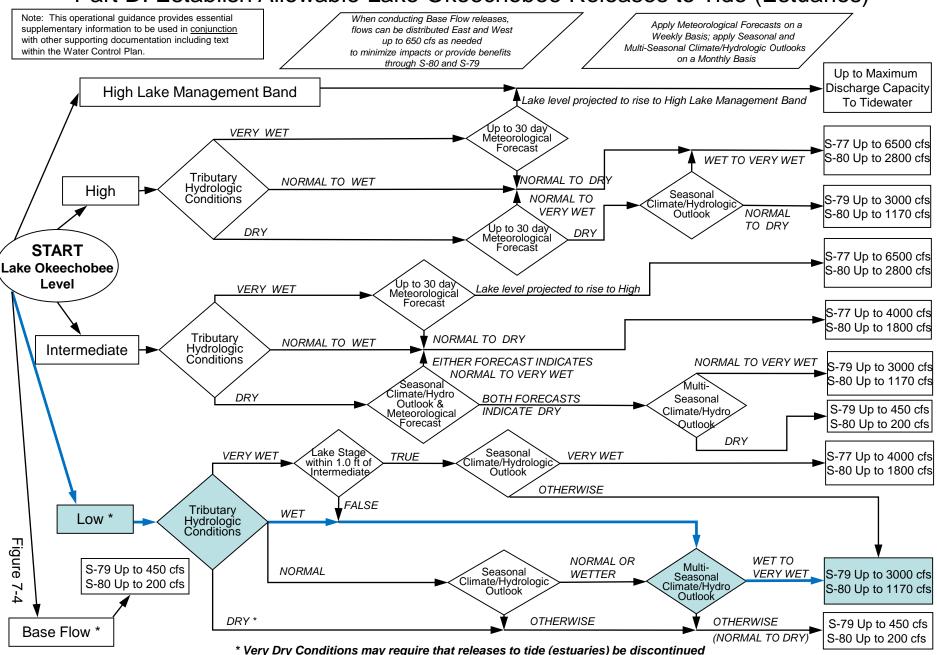
2008 LORS

Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas

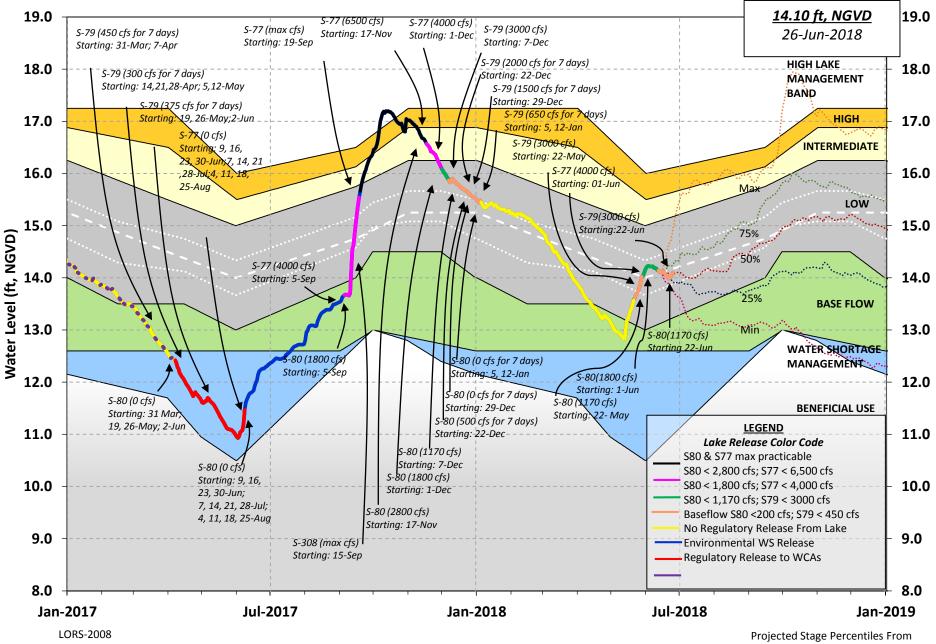


2008 LORS

Part D: Establish Allowable Lake Okeechobee Releases to Tide (Estuaries)



Lake Okeechobee Water Level History and Projected Stages



Adopted by USACE 28-April-2008

Projected Stage Percentiles From SFWMD-HESM Position Analysis

U. S. Army Corps of Engineers, Jacksonville District Lake Okeechobee and Vicinity Report ** Preliminary Data - Subject to Revision ** Data Ending 2400 hours 24 JUN 2018 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) *Okeechobee Lake Elevation 14.05 12.26 14.92 (Official Elv) Bottom of High Lake Mngmt= 16.11 Top of Water Short Mngmt= 10.98 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 12.13 Difference from Average LORS2008 1.92 24JUN (1965-2007) Period of Record Average 13.27 Difference from POR Average 0.78 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 7.99' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 6.19' Bridge Clearance = 48.78'4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 14.07 14.11 14.04 13.98 14.04 14.16 13.99 13.99 *Combination Okeechobee Avg-Daily Lake Average = 14.05 (*See Note) Okeechobee Inflows (cfs):
 2224
 Fisheating Cr
 786

 565
 S135 Pumps
 0

 181
 S2 Pumps
 0
 S65E 0 S65EX1 S191 105 S154 827 S133 Pumps S84 0 S127 Pumps S129 Pumps S131 Pumps 757 S84X S3 Pumps 0 S71 1082 0 S4 Pumps 0 0 S72 154 C5 0 Total Inflows: 6682 Okeechobee Outflows (cfs): S77 596 839 S135 Culverts 0 S354

 S127 Culverts
 0
 S351
 873

 S129 Culverts
 0
 S352
 375

 S131 Culverts
 0
 L8 Canal Pt
 2

 S308 873 -1 Total Outflows: 2684

```
****S77 structure flow is being used to compute Total Outflow.
****S308 structure flow is being used to compute Total Outflow.
Okeechobee Pan Evaporation (inches):
S77 0.19 S308 0.21
Average Pan Evap x 0.75 Pan Coefficient = 0.15" = 0.01'
Lake Average Precipitation using NEXRAD: = 0.49" = 0.04'
Evaporation - Precipitation: = -0.34" = -0.03'
Evaporation - Precipitation using Lake Area of 730 square miles
is equal to 6674 cfs into the lake.
Lake Okeechobee (Change in Storage) Flow is 6353 cfs or 12600 AC-FT
```

Headwater Tailwater ----- Gate Positions -----___ Elevation Elevation Disch #1 #2 #3 #4 #5 #6 #7 #8 (ft-msl) (ft-msl) (cfs) (ft) (ft) (ft) (ft) (ft) (ft) (ft) (I) see note at bottom North East Shore S133 Pumps: 13.57 13.86 181 56 0 50 55 25 (cfs) S193: 18.95 13.88 565 0.0 0.0 0.5 S191: 0 0 0 0 S135 Pumps: 13.19 13.79 0 (cfs) 0 0.0 0.0 S135 Culverts: North West Shore S65E:21.1313.650S65EX1:21.1313.652224S127 Pumps:13.5413.930 0 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 (cfs) S127 Culvert: 0 0.0 S129 Pumps: 12.86 14.05 0 0 0 0 (cfs) 0 0.0 S129 Culvert: S131 Pumps: 12.84 14.05 0 0 (cfs) S131 Culvert: 0 Fisheating Creek 32.77 786 nr Palmdale nr Lakeport -NR-0 C5: -NR- -NR- -NR-South Shore S4 Pumps:11.9614.190000S169:14.2511.9600.00.00.0S310:14.18-63 (cfs)

 S3 Pumps:
 10.22
 14.21
 0
 0
 0
 0

 S354:
 14.21
 10.22
 596
 0.1
 0.3

 S2 Pumps:
 10.40
 14.15
 0
 0
 0
 0

 S351:
 14.15
 10.40
 873
 0.5
 0.2
 0.6

 S352:
 14.25
 9.68
 375
 0.7
 0.7

 C10A:
 -NR 13.46
 8.0
 8.0
 8.0
 0.0

 L8 Canal PT
 13.30
 2
 2

 (cfs) (cfs) 8.0 8.0 8.0 0.0 0.0 S351 and S352 Temporary Pumps/S354 Spillway

 10.40
 14.15
 873
 -NR--NR--NR--NR--NR

 9.68
 14.25
 375
 -NR--NR--NR

 10.22
 14.21
 596
 -NR--NR--NR
 S351: S352: S354: Caloosahatchee River (S77, S78, S79) S47B:13.3411.380.0S47D:11.3711.38-56.5 0.0 0.0 S77: Spillway and Sector Flow: 14.01 11.27 836.00 0.0 2.5 0.0 0.0 Flow Due to Lockages+: 3 S77 Below USGS Flow Gage 1032 S78: Spillway and Sector Flow: 11.17 2.72 1738 0.0 2.5 2.5 0.0 Flow Due to Lockages+: 6 S79: Spillway and Sector Flow: 2.85 0.53 3470 1.0 2.0 2.0 2.0 2.0 2.0 1.0 1.0 Flow Due to Lockages+: 7 Percent of flow from S77 24% Chloride (ppm) 50 St. Lucie Canal (S308, S80) S308: Spillway and Sector Flow: 13.97 14.72 0.00 0.0 0.0 0.0 0.0 Flow Due to Lockages+: -1 S308 Below USGS Flow Gage Low USGS Flow Gage -58 18.95 14.54 202 1.0 1.0 S153: S80: Spillway and Sector Flow:

 14.67
 0.78
 0
 0.0
 0.0
 0.0
 0.0
 0.0
 0.0

 Flow Due to Lockages+:
 26

 Percent of flow from S308 NA % Steele Point Top Salinity (mg/ml) **** Steele Point Bottom Salinity (mg/ml) ****

Speedy Point Top Salinity (mg/ml) 6712 Speedy Point Bottom Salinity (mg/ml) ****

+ Flow Due to lockages is computed utilizing average daily headwater and tailwater along with total number of lockages for the day to calculate a volume which is then converted to an average discharge in cfs.

| | | | | Wi | nd |
|---------------------------|----------|----------|----------|----------|------|
| aily Precipitation Totals | 1-Day | 3-Day | 7-Day | Directio | n |
| peed | (| | | | |
| | (inches) | (inches) | (inches) | (Degø) | |
| mph) | ND | 0 00 | 0 00 | | |
| S133 Pump Station: | -NR- | | | | |
| \$193: | -NR- | | | -NR- | -NR- |
| Okeechobee Field Station: | -NR- | | 0.00 | | |
| S135 Pump Station: | -NR- | | | | |
| S127 Pump Station: | -NR- | 0.00 | 0.00 | | |
| S129 Pump Station: | -NR- | 0.00 | 0.00 | | |
| S131 Pump Station: | -NR- | 0.00 | 0.00 | | |
| S77: | 0.00 | 0.63 | 0.94 | 49 | 2 |
| S78: | 0.00 | 0.01 | 0.06 | 100 | 1 |
| S79: | 0.66 | 1.37 | 1.39 | 270 | 0 |
| S4 Pump Station: | -NR- | 0.00 | 0.00 | | |
| Clewiston Field Station: | -NR- | 0.00 | 0.00 | | |
| S3 Pump Station: | -NR- | 0.00 | 0.00 | | |
| S2 Pump Station: | -NR- | 0.00 | 0.00 | | |
| s308: | 0.00 | | 0.02 | 105 | 2 |
| S80: | 0.00 | | 0.00 | | 2 |
| Okeechobee Average | | | | 020 | - |
| (Sites S78, S79 and | | | 0.07 | | |
| Oke Nexrad Basin Avg | 0.49 | 0.97 | 1.46 | | |

| _ Okeechobee Lake Elevations 24JUN18 | 24 JUN 2018 | 14.05 Difference from |
|--|-------------|-----------------------|
| 24JUN18 -1 Day = | 23 JUN 2018 | 14.02 -0.03 |
| 24JUN18 -2 Days = | 22 JUN 2018 | 14.00 -0.05 |
| 24JUN18 -3 Days = | 21 JUN 2018 | 13.99 -0.06 |
| 24JUN18 -4 Days = | 20 JUN 2018 | 14.02 -0.03 |
| 24JUN18 -5 Days = | 19 JUN 2018 | 14.05 0.00 |
| 24JUN18 -6 Days = | 18 JUN 2018 | 14.07 0.02 |
| 24JUN18 -7 Days = | 17 JUN 2018 | 14.10 0.05 |
| 24JUN18 -30 Days = | 25 MAY 2018 | 13.75 -0.30 |
| 24JUN18 -1 Year = | 24 JUN 2017 | 12.26 -1.79 |
| 24JUN18 -2 Year = | 24 JUN 2016 | 14.92 0.87 |

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 4.79

Lake Okeechobee Net Inflow (LONIN)

_

| | Average | Flow ov | er the p | previous | 14 days | Avg-Daily Flow |
|-------------|----------|---------|----------|----------|---------|----------------|
| 24JUN18 | Today = | 24 JUN | 2018 | 3960 | MON | 9035 |
| 24JUN18 - | 1 Day = | 23 JUN | 2018 | 3558 | SUN | 9541 |
| 24JUN18 -2 | 2 Days = | 22 JUN | 2018 | 3277 | SAT | 8762 |
| 24JUN18 -3 | 3 Days = | 21 JUN | 2018 | 2584 | FRI | 1208 |
| 24JUN18 - | 4 Days = | 20 JUN | 2018 | 2877 | THU | 1413 |
| 24JUN18 - | 5 Days = | 19 JUN | 2018 | 3166 | WED | 2786 |
| 24JUN18 - | 6 Days = | 18 JUN | 2018 | 3308 | TUE | -217 |
| 24JUN18 - | 7 Days = | 17 JUN | 2018 | 3694 | MON | -1048 |
| 24JUN18 -8 | 8 Days = | 16 JUN | 2018 | 4131 | SUN | 12141 |
| 24JUN18 - | 9 Days = | 15 JUN | 2018 | 4065 | SAT | 6414 |
| 24JUN18 -10 |) Days = | 14 JUN | 2018 | 4547 | FRI | 3829 |
| 24JUN18 -11 | 1 Days = | 13 JUN | 2018 | 5195 | THU | -899 |
| 24JUN18 -12 | 2 Days = | 12 JUN | 2018 | 6016 | WED | 3487 |
| 24JUN18 -13 | 3 Days = | 11 JUN | 2018 | 5918 | TUE | -1016 |
| | | | | | | |

_

| | | | | | Se | 65E | | | | |
|---------|-----|-------|----|---------|------|--------|----------|---------|---|----------------|
| | | | | Average | Flov | v over | previous | 14 days | s | Avg-Daily Flow |
| 24JUN18 | | Today | Z= | 24 | JUN | 2018 | 0 | MON | | 0 |
| 24JUN18 | -1 | Day | = | 23 | JUN | 2018 | 0 | SUN | | 0 |
| 24JUN18 | -2 | Days | = | 22 | JUN | 2018 | 0 | SAT | | 0 |
| 24JUN18 | -3 | Days | = | 21 | JUN | 2018 | 0 | FRI | | 0 |
| 24JUN18 | -4 | Days | = | 20 | JUN | 2018 | 0 | THU | | 0 |
| 24JUN18 | -5 | Days | = | 19 | JUN | 2018 | 0 | WED | | 0 |
| 24JUN18 | -6 | Days | = | 18 | JUN | 2018 | 0 | TUE | 1 | 0 |
| 24JUN18 | -7 | Days | = | 17 | JUN | 2018 | 2 | MON | | 0 |
| 24JUN18 | -8 | Days | = | 16 | JUN | 2018 | 5 | SUN | | 0 |
| 24JUN18 | -9 | Days | = | 15 | JUN | 2018 | 8 | SAT | | 0 |
| 24JUN18 | -10 | Days | = | 14 | JUN | 2018 | 11 | FRI | 1 | 0 |
| 24JUN18 | -11 | Days | = | 13 | JUN | 2018 | 14 | THU | 1 | 0 |
| 24JUN18 | -12 | Days | = | 12 | JUN | 2018 | 17 | WED | I | 0 |
| 24JUN18 | -13 | Days | = | 11 | JUN | 2018 | 20 | TUE | I | 0 |
| | | | | | | | | | | |

| | | | | | | C E E 771 | | | | |
|---------|-----|-------|----|----|-----|-----------|----------|-----|---|--------------|
| | | | | _ | - | 65EX1 | | | | |
| | | | | 2 | | | previous | - | | Avg-Daily Fl |
| 24JUN18 | | Today | Z= | 24 | JUN | 2018 | 2303 | MON | | 2224 |
| 24JUN18 | -1 | Day | = | 23 | JUN | 2018 | 2297 | SUN | | 2398 |
| 24JUN18 | -2 | Days | = | 22 | JUN | 2018 | 2276 | SAT | | 2493 |
| 24JUN18 | -3 | Days | = | 21 | JUN | 2018 | 2256 | FRI | | 2372 |
| 24JUN18 | -4 | Days | = | 20 | JUN | 2018 | 2230 | THU | | 2469 |
| 24JUN18 | -5 | Days | = | 19 | JUN | 2018 | 2202 | WED | | 2241 |
| 24JUN18 | -6 | Days | = | 18 | JUN | 2018 | 2190 | TUE | | 2244 |
| 24JUN18 | -7 | Days | = | 17 | JUN | 2018 | 2181 | MON | | 2234 |
| 24JUN18 | -8 | Days | = | 16 | JUN | 2018 | 2167 | SUN | 1 | 2072 |
| 24JUN18 | -9 | Days | = | 15 | JUN | 2018 | 2178 | SAT | 1 | 2405 |
| 24JUN18 | -10 | Days | = | 14 | JUN | 2018 | 2156 | FRI | | 2488 |
| 24JUN18 | -11 | Days | = | 13 | JUN | 2018 | 2128 | THU | 1 | 2201 |
| 24JUN18 | -12 | Days | = | 12 | JUN | 2018 | 2122 | WED | 1 | 2310 |
| 24JUN18 | | - | | 11 | JUN | 2018 | 2093 | TUE | Í | 2096 |

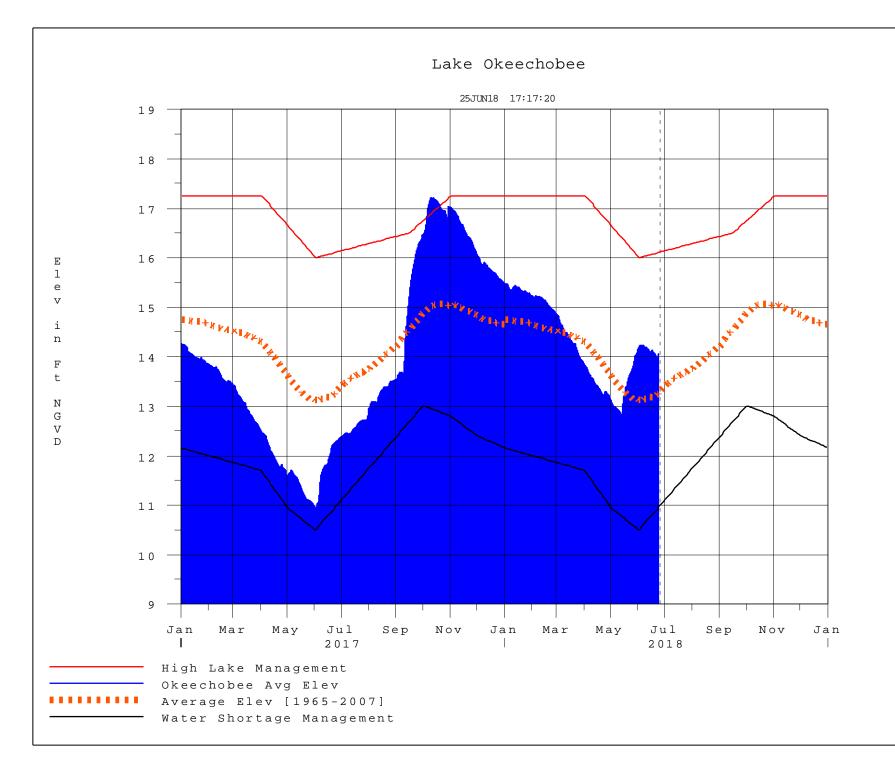
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Lake Okeechobee Outlets Last 14 Days

| S-77 Discha (ALL I DATE (AC-I 24 JUN 2018 163 23 JUN 2018 420 22 JUN 2018 642 21 JUN 2018 842 20 JUN 2018 843 19 JUN 2018 833 18 JUN 2018 803 17 JUN 2018 803 15 JUN 2018 833 14 JUN 2018 833 13 JUN 2018 833 14 JUN 2018 833 14 JUN 2018 833 13 JUN 2018 840 11 JUN 2018 850 | argeDischargeDAY)(ALL-DAY)FT)(AC-FT)L62046D24441206647498322208751L28919249145258903349030368726288938568934D28911 | S-78 Discharge (ALL DAY) (AC-FT) 3455 4215 5782 8468 9069 9892 10002 9617 9131 9172 9656 9740 9740 9868 | S-79 Discharge (ALL DAY) (AC-FT) 6906 7547 8658 11357 11945 12746 13610 13878 13184 12767 13340 13623 14468 14447 | |
|---|--|--|--|--|
| S-33 Discha (ALL 1 DATE (AC-1 24 JUN 2018 -12 23 JUN 2018 -12 23 JUN 2018 -12 24 JUN 2018 -12 25 JUN 2018 -12 20 JUN 2018 -2 19 JUN 2018 -2 18 JUN 2018 -2 18 JUN 2018 -18 16 JUN 2018 -16 15 JUN 2018 -16 15 JUN 2018 -16 | 10 S-351 arge Discharge DAY) (ALL DAY) FT) (AC-FT) 25 1732 46 2202 29 632 51 146 20 119 25 0 27 0 37 0 63 0 4 0 34 0 | S-352 Discharge (ALL DAY) (AC-FT) 642 730 773 750 478 0 0 0 0 0 0 0 | S-354 Discharge (ALL DAY) (AC-FT) 682 1686 1206 1412 1795 1844 997 131 399 1321 567 | L8 Canal Pt Discharge (ALL DAY) (AC-FT) 5 -4 51 82 73 63 -89 -271 -260 -236 -245 -335 |
| 11 JUN 2018 S-3(Discha (ALL I DATE (AC-1 24 JUN 2018 | argeDischargeDAY)(ALL-DAY)FT)(AC-FT)-2-11471461292780593434933233463362453222802892412394962919703138243121 | Discharge | 0 0 | -335 -380 -497 |

| 11 JUN 2018 | 2400 | 2890 | 3617 | | | | | | | |
|--|---|---|---|-----------------------------|--|--|--|--|--|--|
| *** NOTE: | Discharge | (ALL DAY) i | s computed using Spillway, | Sector Gate | | | | | | |
| and | and Lockages Discharges from 0015 hrs to 2400 hrs. | | | | | | | | | |
| _ | | | | | | | | | | |
| | (I) - Flows preceeded by "I" signify an instantaneous flow computed from the single value reported for the day | | | | | | | | | |
| Instanta | aneous 2400 v | value to an | Elevation was switched fr average-daily lake average ation of various gages wit | • | | | | | | |
| standard 10 stati as the I On 05 No mix of i | ons, the ave ake Okeechob ovember 2010, nterior and | erage of the bee Elevatio Lake Okee | interior 4 station gages | was used hed to a 9 gage | | | | | | |
| On 09 Ma mix of i of the l | of the lake level. On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels. Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge | | | | | | | | | |
| stations | information | a = a + b = T = | cheenwille Dictrict Novice | tion wohaita | | | | | | |
| | //www.saj.us | | cksonville District Naviga 1/ | tion website | | | | | | |
| \$ For info | - | - | Okeechobee Service Area wa | ter | | | | | | |
| restrictions please r | refer to www. | .sfwmd.gov | | | | | | | | |
| _ | | | | | | | | | | |

Report Generated 25JUN2018 @ 17:15 ** Preliminary Data - Subject to Revision **



Classification Tables

Supplemental Tables used in conjunction with the LORS2008 Release

Guidance Flow Charts

• Class Limits for Tributary Hydrologic Conditions

Table K-2 in the Lake Okeechobee Water Control Plan

• <u>6-15 Day Precipitation Outlook Categories</u>

Table ?? in the Lake Okeechobee Water Control Plan

<u>Classification of Lake Okeechobee Net Inflow for Seasonal</u>

<u>Outlook</u>

 Table K-3 in the Lake Okeechobee Water Control Plan

• Classification of Lake Okeechobee Net Inflow for Multi-

Seasonal Outlook

 Table K-4 in the Lake Okeechobee Water Control Plan

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Back to U.S. Army Corps of Engineers Lake Okeechobee Operations Homepage

| Tributary Hydrologic Classification* | Palmer Index Class Limits | 2-wk Mean L.O. Net Inflow Class Limits |
|---|------------------------------|---|
| Very Wet | 3.0 or greater | Greater >= 6000 cfs |
| Wet | 1.5 to 2.99 | 2500 - 5999 cfs |
| Near Normal | -1.49 to 1.49 | 500 - 2499 cfs |
| Dry | -2.99 to -1.5 | -5000 – 500 cfs |
| Very Dry | -3.0 or less | Less than -5000 cfs |

* use the wettest of the two indicators

Classification of Lake Okeechobee Net Inflow Seasonal Outlook*

| Lake Net Inflow Prediction | Equivalent Depth** | Lake Okeechobee |
|-------------------------------|-----------------------|------------------|
| [million acre-feet] | [feet] | Net Inflow |
| [] | [] | Seasonal Outlook |
| > 0.93 | > 2.0 | Very Wet |
| 0.71 to 0.93 | 1.51 to 2.0 | Wet |
| 0.35 to 0.70 | 0.75 to 1.5 | Normal |
| < 0.35 | < 0.75 | Dry |

**Volume-depth conversion based on average lake surface area of 467,000 acres

Classification of Lake Okeechobee Net Inflow Multi-Seasonal Outlook*

| Lake Net Inflow Prediction | Equivalent Depth** | Lake Okeechobee |
|-------------------------------|-----------------------|------------------------|
| [million acre-feet] | [feet] | Net Inflow |
| | [] | Multi-Seasonal Outlook |
| > 2.0 | > 4.3 | Very Wet |
| 1.18 to 2.0 | 2.51 to 4.3 | Wet |
| 0.5 to 1.17 | 1.1 to 2.5 | Normal |
| < 0.5 | < 1.1 | Dry |

**Volume-depth conversion based on average lake surface area of 467,000 acres

6-15 Day Precipitation Outlook Categories*

| 6-15 Day Precipitation Outlook Categories | WSE Decision Tree Categories |
|--|---------------------------------|
| Above Normal | Wet to Very Wet |
| Normal | Normal |
| Below Normal | Dry |

* Corresponds to Table 7-6 in the Lake Okeechobee Water Control Plan

Under Construction