Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 9/17/2018 (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 CPC Outlook.

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 | | | ampling of O Years ³ | Sub-sampling of AMO Warm + ENSO Years ⁴ | | |
|--------------------------------|---------------|-------------------------------|---|-----------|------------|------------------------------------|--|-----------|--|
| | Value (ft) | Condition | Value (ft) | Condition | Value (ft) | Condition | Value (ft) | Condition | |
| Current (Sep-Feb) | N/A | N/A | 1.70 | Wet | 2.33 | Very Wet | 1.32 | Normal | |
| Multi Seasonal (Sep-Apr) | N/A | N/A | 1.89 | Normal | 2.65 | Wet | 1.07 | Dry | |

^{*}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:

6214 cfs 14-day running average for Lake Okeechobee Net Inflow through 9/17/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

0.36 for Palmer Index on 9/15/2018.

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

The wetter of the two conditions above is Very Wet.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 9/17/2018

Lake Okeechobee Stage: 14.80 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

| Lake Okeechobe Zone | ee Management /Band | Bottom Elevation (feet, NGVD) | Current Lake Stage |
|------------------------|------------------------|-------------------------------|-----------------------|
| High Lake Manage | ement Band | 16.52 | |
| 0 " 1 | High sub-band | 16.15 | |
| Operational Band | Intermediate sub-band | 15.76 | |
| | Low sub-band | 14.03 | ←14.80 |
| Base Flow sub-ba | nd | 12.80 | |
| Beneficial Use sub | o-band | 12.71 | |
| Water Shortage M | lanagement 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-77 Up to 4000 cfs & S-80 Up to 1800 cfs.

Back to Lake Okeechobee Operations Main Page

Back to U.S. Army Corps of Engineers Homepage

LORS2008 Implementation on 9/17/2018 (ENSO Neutral Condition):

Water Supply Risk Evaluation

Status for week ending 9/17/2018:

District wide, Raindar rainfall was 1.08 inches for the week. Lake stage on 9/17/2018 was 14.80 ft, NGVD, up 0.10 ft from last week.

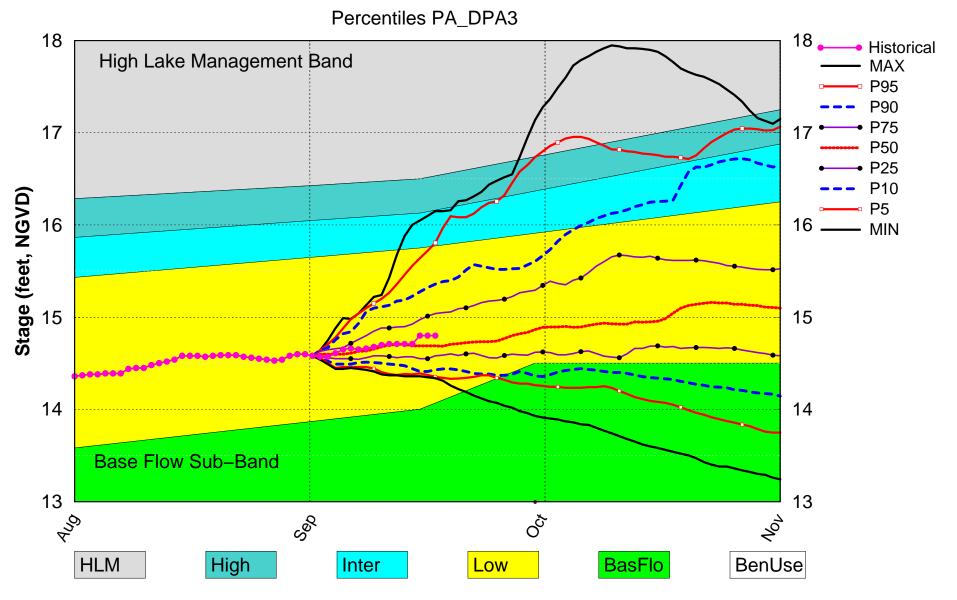
The updated September 2018 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Low Sub-Band.

The 2008 LORS Tributary Hydrologic Condition (THC) is classified as **Very Wet**. The PDSI indicates normal conditions and the LONIN is very wet. The THC classification is based on the wetter of the two indices .

| Area | Indicator | Value | Color Coded Scoring Scheme |
|------|---|--------------------------------------|-------------------------------|
| | Projected LOK Stage for the next two months | Low Sub Band | L |
| | Palmer Index for LOK Tributary Conditions | 0.36 (Normal to Extremely Wet) | L |
| | CDC Procinitation Outlook | 1 month: Above Normal | L |
| LOK | CPC Precipitation Outlook | 3 months: Above Normal | L |
| | LOK Seasonal Net Inflow Outlook ENSO Years | 2.33 ft (Normal to Extremely Wet) | L |
| | LOK Multi-Seasonal Net Inflow Outlook ENSO Conditions | 2.65 ft (Wet) | L |
| | WCA 1: Station Average (Site 1-7, Site 1-8T, Site 1-9) | Above Line 1 (16.55 ft) | L |
| WCAs | WCA 2A: Site 2-17 | Above Line 1 (13.36 ft) | L |
| | WCA-3A: 3 Station Average (Site 63, 64 and 65) | Above Line 1 (10.74 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 |

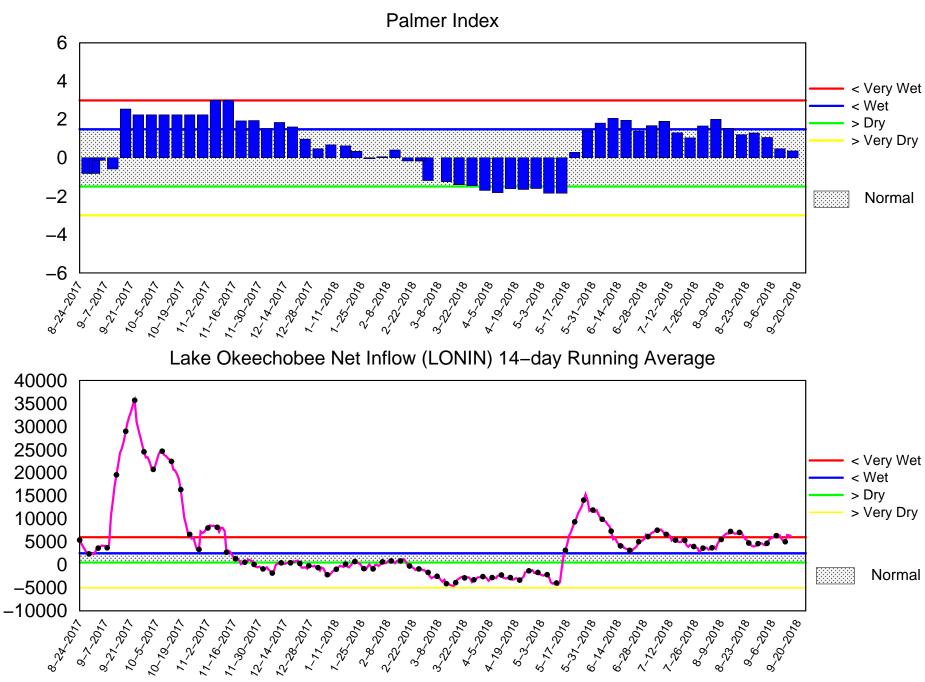
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM Sep 2018 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of September 17 2018

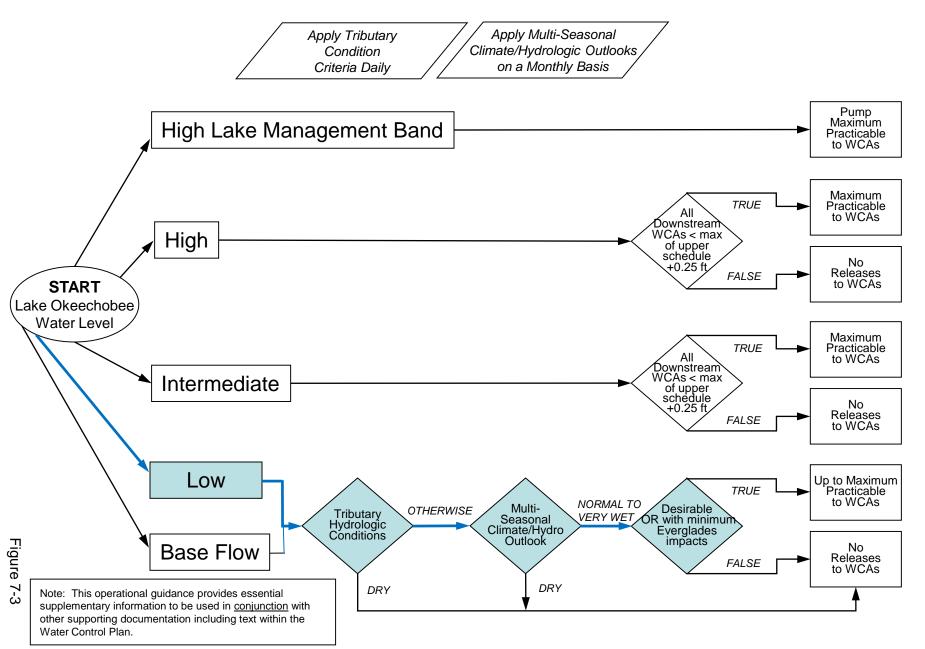


Mon Sep 17 14:58:05 EDT 2018

-low (cfs)

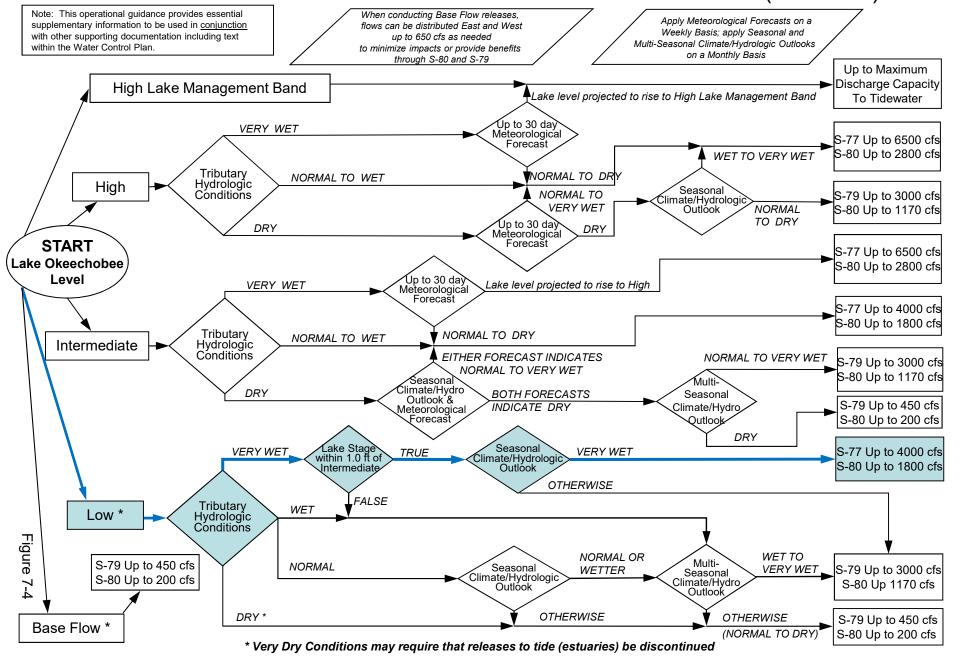
2008 LORS

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

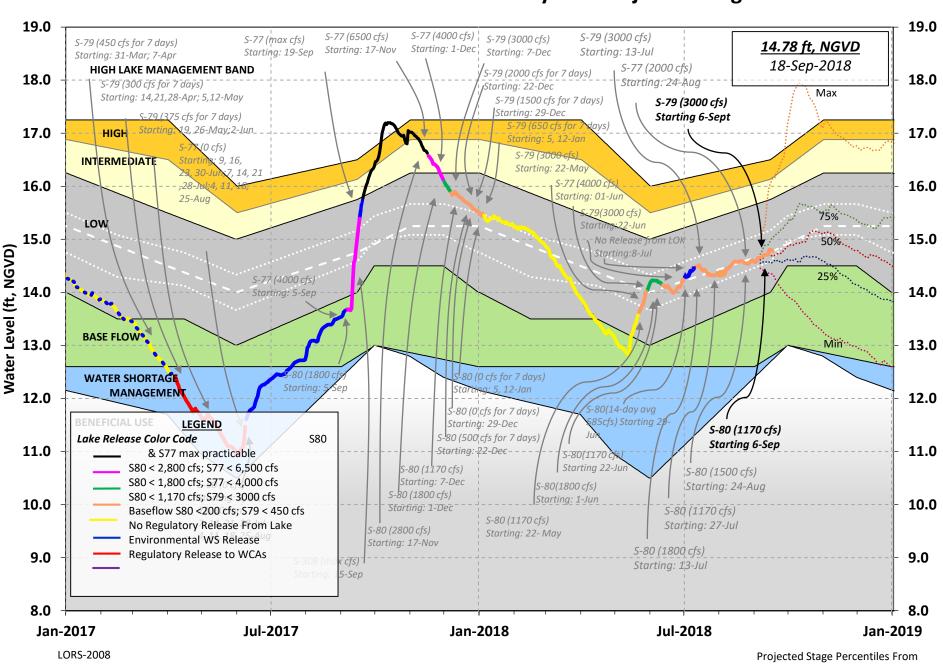


2008 LORS

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



Lake Okeechobee Water Level History and Projected Stages



LORS-2008 Adopted by USACE 28-April-2008 Projected Stage Percentiles From SFWMD-HESM Position Analysis

| Okeechobee Lake Re | egulatio | | | Year 2YRS Ago GVD) (ft-NGVD | | |
|---|--|---|-------------------------------|--|------------------|------|
| *Okeechobee Lake Bottom of High L Currently in Ope | _ake Mng | ion 14.80 gmt= 16.52 Top | 15 of Water S | .39 15.41 (| Official El | v) |
| Simulated Averag Difference from | | | 13.51 1.29 | | | |
| 16SEP (1965-2007 Difference from | | | _ | 4.57 .23 | | |
| Today Lake Okeed | chobee e | elevation is det | ermined f | rom the 4 Int | & 4 Edge st | atio |
| ++Navigation Dep ++Navigation Dep Bridge Clearance | oth (Bas | sed on 2008 Chan | | | | |
| Interior and 4 E | Edge Oke | eechobee Lake Av | erage (Av | g-Daily values |): | |
| | | 240 S4 S35 | | S133 | | |
| 14.81 14.83 14 | 1.79 14 | 1.76 14.76 14. | 93 14.7 | 5 14.77 | | |
| | | | | | | |
| *Combination Okee | | | | | | |
| | echobee | Avg-Daily Lake | | = 14.80 | | |
| *Combination Oke | echobee | Avg-Daily Lake | | = 14.80 (*See Note) | Cr 393 | |
| *Combination Okee | echobee | Avg-Daily Lake S65EX1 S191 | Average : | = 14.80 (*See Note) Fisheating S135 Pumps | Cr 393 0 | |
| *Combination Okee keechobee Inflows S65E S154 S84 | echobee s (cfs): 0 30 0 | Avg-Daily Lake S65EX1 S191 S133 Pumps | Average : | = 14.80 (*See Note) Fisheating S135 Pumps S2 Pumps | | |
| *Combination Okee Okeechobee Inflows S65E S154 S84 S84X | echobee s (cfs): 0 30 0 | Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps | Average : 2548 | Fisheating S135 Pumps S2 Pumps S3 Pumps | 0 0 0 | |
| *Combination Okee Okeechobee Inflows S65E S154 S84 S84X S71 | echobee s (cfs): 0 30 0 107 241 | Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps | 2548 0 0 0 | Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps | 0 0 0 0 | |
| *Combination Okee Okeechobee Inflows S65E S154 S84 S84X | echobee s (cfs): 0 30 0 107 241 20 | Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps | Average : 2548 | Fisheating S135 Pumps S2 Pumps S3 Pumps | 0 0 0 | |
| *Combination Okee Okeechobee Inflows S65E S154 S84 S84X S71 S72 | echobee s (cfs): 0 30 0 107 241 20 3338 | S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps | 2548 0 0 0 | Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps | 0 0 0 0 | |
| *Combination Okee Okeechobee Inflows S65E S154 S84 S84X S71 S72 Total Inflows: | echobee s (cfs): 0 30 0 107 241 20 3338 | S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps | 2548 0 0 0 | Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps | 0 0 0 0 | |
| *Combination Okee keechobee Inflows S65E S154 S84 S84X S71 S72 otal Inflows: 3 | echobee s (cfs): 0 30 0 107 241 20 3338 ws (cfs) | Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps | 2548 0 0 0 0 | Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 | 0 0 0 0 | |
| *Combination Okee Okeechobee Inflows S65E S154 S84 S84X S71 S72 Total Inflows: S135 Culverts S127 Culverts S129 Culverts | echobee s (cfs): 0 30 0 107 241 20 3338 ws (cfs) | Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 | 2548 0 0 0 0 | Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 | 0 0 0 0 | |
| *Combination Okee keechobee Inflows S65E S154 S84 S84X S71 S72 otal Inflows: 3 keechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts | echobee s (cfs): 0 30 0 107 241 20 3338 vs (cfs) 0 | Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 | 2548 0 0 0 0 | Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 | 0 0 0 0 | |
| *Combination Okee keechobee Inflows S65E S154 S84 S84X S71 S72 otal Inflows: 3 keechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts | echobee s (cfs): 0 30 0 107 241 20 3338 vs (cfs) 0 0 | Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 | 2548 0 0 0 0 0 | Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 | 0 0 0 0 | |
| *Combination Okee Okeechobee Inflows S65E S154 S84 S84X S71 S72 Total Inflows: 3 Okeechobee Outflow S135 Culverts S127 Culverts S129 Culverts | echobee s (cfs): 0 30 0 107 241 20 3338 vs (cfs) 0 0 0 344 flow is | Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps C: S354 S351 S352 L8 Canal Pt S being used to | Average : 2548 | Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 | 0 0 0 0 | |

Lake Average Precipitation using NEXRAD: = 0.02" = 0.00'

Evaporation - Precipitation: = 0.19" = 0.02'
Evaporation - Precipitation using Lake Area of 730 square miles is equal to 3656 cfs out of the lake.
Lake Okeechobee (Change in Storage) Flow is 0 cfs or 0

0 AC-FT

| | Headwater | Tailwater | | | | - Gat | e Pos | sitio | ns | | |
|-----------------------|------------|---------------|----------|-----------|-------|--------|---------------|--------|------|------------|-----|
| | | Elevation | | | | #3 | #4 | #5 | #6 | #7 | #8 |
| | | (ft-msl) | | | | | (ft) | (ft) | | (ft) | |
| | (| | i) see r | | | | () | () | (, | (, | () |
| North East S | Shore | (- | ., 500 . | | 5555 | ···· | | | | | |
| S133 Pumps | | 14.92 | 0 | 0 | 0 | 0 | 0 | a | (cf | =) | |
| S193: | . 13.01 | 14.52 | · · | Ū | Ū | Ū | Ū | Ŭ | (0) | -, | |
| S191: | 18.83 | 14.88 | 0 | 0.0 | 0.0 | 0.0 | | | | | |
| S135 Pumps | | 14.77 | 0 | 0.0 | 0.0 | 0.0 | 0 | | (cf | =) | |
| S135 Culve | | 14.77 | 0 | 0.0 | _ | Ü | U | | (01. | ٠, | |
| JIJJ CUIVE | | | O | 0.0 | 0.0 | | | | | | |
| North West S | Shore | | | | | | | | | | |
| S65E: | 20.90 | 15.02 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.0 | 0.0 | | |
| S65EX1: | 20.90 | 15.02 | 2548 | | | | | | | | |
| S127 Pumps | : 13.38 | 14.78 | 0 | 0 | 0 | 0 | 0 | 0 | (cf | s) | |
| S127 Culve | | | 0 | 0.0 | | | | | • | , | |
| | | | | | | | | | | | |
| S129 Pumps | : 13.14 | 14.76 | 0 | 0 | 0 | 0 | | | (cf | 5) | |
| S129 Culve | | | 0 | 0.0 | - | | | | (| - / | |
| | | | | | | | | | | | |
| S131 Pumps | : 13.15 | 14.84 | 0 | 0 | 0 | | | | (cf | 5) | |
| S131 Culve | | 11.01 | 0 | Ŭ | Ū | | | | (0). | -, | |
| 3131 64116 | | | Ū | | | | | | | | |
| Fisheating | Creek | | | | | | | | | | |
| nr Palmo | | 32.29 | 393 | | | | | | | | |
| nr Lakep | | 32.23 | 333 | | | | | | | | |
| C5: | , or c | -NR- | 0 | - NR | NR | NF | ? _ | | | | |
| cs. | | | Ū | | | | • | | | | |
| South Shore | | | | | | | | | | | |
| S4 Pumps: | 11.40 | 14.69 | 0 | 0 | 0 | 0 | | | (cf | 5) | |
| S169: | 14.69 | 11.38 | 0 | | 0.0 | | | | (0). | -, | |
| S310: | 14.60 | 11.50 | -177 | 0.0 | 0.0 | 0.0 | | | | | |
| S3 Pumps: | 10.23 | 14.65 | 0 | 0 | 0 | 0 | | | (cf | :) | |
| S354: | 14.65 | 10.23 | 0 | 0.0 | | U | | | (01. | • / | |
| S2 Pumps: | 10.11 | 14.69 | 0 | 0.0 | 0.0 | 0 | 0 | | (cf | - \ | |
| 5351: | 14.69 | 10.11 | 0 | 0.0 | _ | 0.0 | Ð | | (01: | >) | |
| S351: | 14.87 | 9.51 | 0 | 0.0 | | 0.0 | | | | | |
| | | 13.60 | Ø | | | 0 | 0 (| 2 0 | 0 0 | | |
| C10A: | -NR- | | _ | 8.0 | 8.0 | 8. | | 0.0 | 0.0 | | |
| L8 Canal P | ' I | 13.43 | 6 | | | | | | | | |
| | | | | | | | | | | | |
| | S35 | 1 and S352 | Tempora | ry Pum | ps/S3 | 54 Sp | illwa | ау | | | |
| S351: | 10.11 | 14.69 | 0 | -NRN | R NID | NR = | . . NP | - NR - | | | |
| S351: | 9.51 | 14.87 | 0 | -NRN | | | | MIX- | | | |
| S352: | | 14.65 | 0 | -NRN | | | | | | | |
| 3334. | 10.23 | 14.00 | <u>v</u> | - ININ IN | INK | INIK - | | | | | |
| Caloocahatch | oo Piyon (| C77 C70 C | 70) | | | | | | | | |
| Caloosahatch S47B: | | | 177 | 0.0 | 0 0 | | | | | | |
| | 13.46 | 12.26 | 16 | 0.0 | 0.0 | | | | | | |
| S47D: | 11.38 | 11.38 | 16 | 6.5 | | | | | | | |

```
S77:
   Spillway and Sector Preferred Flow:
              14.92
                        11.28
                                  334 0.0 0.0 2.5 0.0
   Flow Due to Lockages+:
                                    4
 S78:
   Spillway and Sector Flow:
                                  859
                                         0.0 2.5 0.0 0.0
              11.17
                       3.00
   Flow Due to Lockages+:
                                   12
 S79:
   Spillway and Sector Flow:
                                         2.0 2.0 0.0 1.0 1.0 3.0 2.0 1.0
               3.20
                         2.11
                                 2838
   Flow Due to Lockages+:
                                   7
   Percent of flow from S77
                                   12%
   Chloride
                       (ppm)
                                 42
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              14.73
                        14.32
                                    0 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                    1
 S153:
                                  114
              18.69
                        14.13
                                         0.0 0.0
 S80:
   Spillway and Sector Flow:
              14.41
                                   89
                                         0.0 0.0 0.0 0.0 0.0 0.0 0.0
                         0.15
   Flow Due to Lockages+:
                                   16
   Percent of flow from S308
                                    0%
                              (mg/ml) ****
 Steele Point Top Salinity
 Steele Point Bottom Salinity (mg/ml) ****
                              (mg/ml) ****
 Speedy Point Top Salinity
 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.
- ++ Preferred flow is determined from either the spillway discharge or the below flow meter daily

| | | | | Wi | nd |
|----------------------------|----------|----------|----------|----------|---------|
| Daily Precipitation Totals | 1-Day | 3-Day | 7-Day | Directio | n Speed |
| | (inches) | (inches) | (inches) | (Degø) | (mph) |
| S133 Pump Station: | -NR- | 0.00 | 0.00 | | |
| S193: | -NR- | 0.00 | 0.00 | - NR - | -NR- |
| Okeechobee Field Station: | - NR - | 0.00 | 0.00 | | |
| S135 Pump Station: | -NR- | 0.00 | 0.00 | | |
| 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: | 15.62 | 15.73 | 16.00 | 123 | 3 |
| S78: | 2.82 | 2.82 | 3.49 | 87 | 2 |
| S79: | -8.94 | -8.76 | -6.27 | 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: | 1.95 | 2.02 | 2.69 | 184 | 7 |
| S80: | 0.00 | 0.00 | 0.00 | 155 | 2 |
| Okeechobee Average | 8.78 | 1.37 | 1.44 | | |

(Sites S78, S79 and S80 not included)

| Oke Nexrad Basin Avg | 0.02 | 0.07 | 1.35 | |
|----------------------|------|------|------|--|
| | | | | |

| Okeechobee Lake Elevations | 16 SEP 2018 | 14.80 Differe | ence from 16SEP18 |
|----------------------------|-------------|---------------|-------------------|
| 16SEP18 -1 Day = | 15 SEP 2018 | 14.80 | 0.00 |
| 16SEP18 -2 Days = | 14 SEP 2018 | 14.80 | 0.00 |
| 16SEP18 -3 Days = | 13 SEP 2018 | 14.71 | -0.09 |
| 16SEP18 -4 Days = | 12 SEP 2018 | 14.71 | -0.09 |
| 16SEP18 -5 Days = | 11 SEP 2018 | 14.71 | -0.09 |
| 16SEP18 -6 Days = | 10 SEP 2018 | 14.71 | -0.09 |
| 16SEP18 -7 Days = | 09 SEP 2018 | 14.70 | -0.10 |
| 16SEP18 -30 Days = | 17 AUG 2018 | 14.57 | -0.23 |
| 16SEP18 -1 Year = | 16 SEP 2017 | 15.39 | 0.59 |
| 16SEP18 -2 Year = | 16 SEP 2016 | 15.41 | 0.61 |
| | | | |

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 4.12

| Lake Okeechobee Net Inflow (LONIN) | | | | | | | | | | |
|------------------------------------|----------------------|------------|----------------|--|--|--|--|--|--|--|
| A | verage Flow over the | · '. | Avg-Daily Flow | | | | | | | |
| 16SEP18 Today | • | . 6246 MON | 340 | | | | | | | |
| 16SEP18 -1 Day | = 15 SEP 2018 | 6465 SUN | 434 | | | | | | | |
| 16SEP18 -2 Days | = 14 SEP 2018 | 6582 SAT | 21175 | | | | | | | |
| 16SEP18 -3 Days | = 13 SEP 2018 | 5145 FRI | 3161 | | | | | | | |
| 16SEP18 -4 Days | = 12 SEP 2018 | 5319 THU | 3148 | | | | | | | |
| 16SEP18 -5 Days | = 11 SEP 2018 | 5744 WED | 2793 | | | | | | | |
| 16SEP18 -6 Days | = 10 SEP 2018 | 6499 TUE | 3949 | | | | | | | |
| 16SEP18 -7 Days | = 09 SEP 2018 | 6700 MON | 5987 | | | | | | | |
| 16SEP18 -8 Days | = 08 SEP 2018 | 6504 SUN | 7301 | | | | | | | |
| 16SEP18 -9 Days | = 07 SEP 2018 | 6115 SAT | 6295 | | | | | | | |
| 16SEP18 -10 Days | = 06 SEP 2018 | 5880 FRI | 2522 | | | | | | | |
| 16SEP18 -11 Days | = 05 SEP 2018 | 5879 THU | 6230 | | | | | | | |
| 16SEP18 -12 Days | = 04 SEP 2018 | 5457 WED | 12021 | | | | | | | |
| 16SEP18 -13 Days | = 03 SEP 2018 | 4864 TUE | 12089 | | | | | | | |
| | | | | | | | | | | |

| S65E | | | | | | | | | | |
|------|---------|-----|-------|----|---------|------|--------|----------|---------|----------------|
| | | | | | Average | Flov | v over | previous | 14 days | Avg-Daily Flow |
| | 16SEP18 | | Today | /= | 16 | SEP | 2018 | 0 | MON | 0 |
| | 16SEP18 | -1 | Day | = | 15 | SEP | 2018 | 0 | SUN | 0 |
| | 16SEP18 | -2 | Days | = | 14 | SEP | 2018 | 0 | SAT | 0 |
| | 16SEP18 | -3 | Days | = | 13 | SEP | 2018 | 0 | FRI | 0 |
| | 16SEP18 | -4 | Days | = | 12 | SEP | 2018 | 0 | THU | 0 |
| | 16SEP18 | -5 | Days | = | 11 | SEP | 2018 | 4 | WED | 0 |
| | 16SEP18 | -6 | Days | = | 10 | SEP | 2018 | 4 | TUE | 0 |
| | 16SEP18 | -7 | Days | = | 09 | SEP | 2018 | 4 | MON | 0 |
| | 16SEP18 | -8 | Days | = | 08 | SEP | 2018 | 4 | SUN | 0 |
| | 16SEP18 | -9 | Days | = | 07 | SEP | 2018 | 4 | SAT | 0 |
| | 16SEP18 | -10 | Days | = | 06 | SEP | 2018 | 4 | FRI | 0 |
| | 16SEP18 | -11 | Days | = | 05 | SEP | 2018 | 4 | THU | 0 |
| | 16SEP18 | -12 | Days | = | 04 | SEP | 2018 | 4 | WED | 0 |
| | 16SEP18 | -13 | Days | = | 03 | SEP | 2018 | 4 | TUE | 0 |
| | | | - | | | | | | | |

| | | | S65EX1 | | | |
|---------|-----------|---------|-----------|----------|---------|----------------|
| | | Average | Flow over | previous | 14 days | Avg-Daily Flow |
| 16SEP18 | Today= | 16 | SEP 2018 | 3965 | MON | 2548 |
| 16SEP18 | -1 Day = | 15 | SEP 2018 | 4023 | SUN | 2717 |
| 16SEP18 | -2 Days = | 14 | SEP 2018 | 4038 | SAT | 3108 |

| 16SEP18 | -3 | Days | = | 13 | SEP | 2018 | 4040 | FRI | 3264 |
|---------|-----|------|---|----|-----|------|------|-----|------|
| 16SEP18 | -4 | Days | = | 12 | SEP | 2018 | 3998 | THU | 3917 |
| 16SEP18 | -5 | Days | = | 11 | SEP | 2018 | 3914 | WED | 4168 |
| 16SEP18 | -6 | Days | = | 10 | SEP | 2018 | 3810 | TUE | 4529 |
| 16SEP18 | -7 | Days | = | 09 | SEP | 2018 | 3676 | MON | 4702 |
| 16SEP18 | -8 | Days | = | 98 | SEP | 2018 | 3530 | SUN | 4696 |
| 16SEP18 | -9 | Days | = | 07 | SEP | 2018 | 3387 | SAT | 4566 |
| 16SEP18 | -10 | Days | = | 06 | SEP | 2018 | 3272 | FRI | 4563 |
| 16SEP18 | -11 | Days | = | 05 | SEP | 2018 | 3174 | THU | 4428 |
| 16SEP18 | -12 | Days | = | 04 | SEP | 2018 | 3100 | WED | 4482 |
| 16SEP18 | -13 | Days | = | 03 | SEP | 2018 | 3048 | TUE | 3819 |
| | | | | | | | | | |

Lake Okeechobee Outlets Last 14 Days

| S-77 | Below S-77 | S-78 | S-79 | |
|------------------|------------|-----------|-----------|-------------------|
| | Discharge | Discharge | Discharge | |
| (ALL DAY) | (ALL-DAY) | (ALL DAY) | (ALL DAY) | |
| DATE (AC-FT) | `(AC-FT) | `(AC-FT) | `(AC-FT)´ | |
| 16 SEP 2018 707 | 1088 | 1711 | 5613 | |
| 15 SEP 2018 406 | 1185 | 1853 | 6891 | |
| 14 SEP 2018 1810 | 1923 | 1467 | 6768 | |
| 13 SEP 2018 1988 | 2016 | 2052 | -NR- | |
| 12 SEP 2018 922 | 1337 | 2063 | 5481 | |
| 11 SEP 2018 426 | 1005 | 2062 | 5726 | |
| 10 SEP 2018 305 | 951 | 2064 | 5293 | |
| 09 SEP 2018 986 | 1703 | 2495 | 5306 | |
| 08 SEP 2018 3542 | 3238 | 3290 | -NR- | |
| 07 SEP 2018 4162 | 3668 | 3853 | 5731 | |
| 06 SEP 2018 4483 | 3935 | 4454 | 6549 | |
| 05 SEP 2018 4573 | 4135 | 4849 | 8065 | |
| 04 SEP 2018 4498 | 4068 | 5178 | 9181 | |
| 03 SEP 2018 4613 | 4180 | 5121 | 10455 | |
| 03 321 2010 4013 | 4100 | 7121 | 10455 | |
| S-310 | S-351 | S-352 | S-354 | L8 Canal Pt |
| Discharge | Discharge | Discharge | Discharge | Discharge |
| (ALL DAY) | (ALL DAY) | (ALL DAY) | (ALL DAY) | (ALL DAY) |
| DATE (AC-FT) | (AC-FT) | (AC-FT) | (AC-FT) | (AC-FT) |
| 16 SEP 2018 -350 | ` o´ | ` 0 ´ | ` o´ | ` 12 [^] |
| 15 SEP 2018 -309 | 0 | 0 | 0 | -4 |
| 14 SEP 2018 -251 | 0 | 0 | 228 | -11 |
| 13 SEP 2018 -59 | 0 | 0 | 839 | -7 |
| 12 SEP 2018 -45 | 531 | 0 | 1005 | 11 |
| 11 SEP 2018 -91 | 1198 | 0 | 1350 | 10 |
| 10 SEP 2018 23 | 1117 | 0 | 1227 | -13 |
| 09 SEP 2018 -40 | 1202 | 0 | 1029 | -23 |
| 08 SEP 2018 -85 | 1110 | 0 | 900 | -6 |
| 07 SEP 2018 7 | 825 | 0 | 936 | -78 |
| 06 SEP 2018 18 | 876 | 0 | 436 | -198 |
| 05 SEP 2018 -75 | 93 | 0 | 341 | -272 |
| 04 SEP 2018 -172 | 0 | 0 | 129 | -317 |
| 03 SEP 2018 -155 | 0 | 0 | 0 | -126 |
| | | | | |
| S-308 | Below S-30 | | | |
| Discharge | Discharge | Discharg | e | |
| (ALL DAY) | (ALL-DAY) | |) | |
| DATE (AC-FT) | (AC-FT) | (AC-FT) | | |
| 16 SEP 2018 1 | 7 | 242 | | |
| 15 SEP 2018 412 | 252 | 968 | | |
| 14 SEP 2018 2107 | 2005 | 2578 | | |
| 13 SEP 2018 3278 | 3402 | 3469 | | |
| 12 SEP 2018 3646 | 3913 | 3851 | | |
| 11 SEP 2018 2419 | 2041 | 3489 | | |
| | | | | |

| 10 | SEP | 2018 | 1183 | 799 | 1781 |
|----|-----|------|------|------|------|
| 09 | SEP | 2018 | 0 | -260 | 706 |
| 80 | SEP | 2018 | 443 | 332 | 981 |
| 07 | SEP | 2018 | 2163 | 2392 | 3337 |
| 06 | SEP | 2018 | 3383 | 3698 | 5429 |
| 05 | SEP | 2018 | 3155 | 3344 | 5249 |
| 04 | SEP | 2018 | 2412 | 2200 | 4946 |
| 03 | SEP | 2018 | 2369 | 2012 | 2721 |

*** NOTE: Discharge (ALL DAY) is computed using Spillway, Sector Gate and Lockages Discharges from 0015 hrs to 2400 hrs.

(I) - Flows preceded by "I" signify an instantaneous flow computed from the single value reported for the day

* On 11 May 1999, Lake Okeechobee Elevation was switched from Instantaneous 2400 value to an average-daily lake average.

On 14 Mar 2001 due to the isolation of various gages within

On 14 Mar 2001, due to the isolation of various gages within the standard 10 stations, the average of the interior 4 station gages was used as the Lake Okeechobee Elevation.

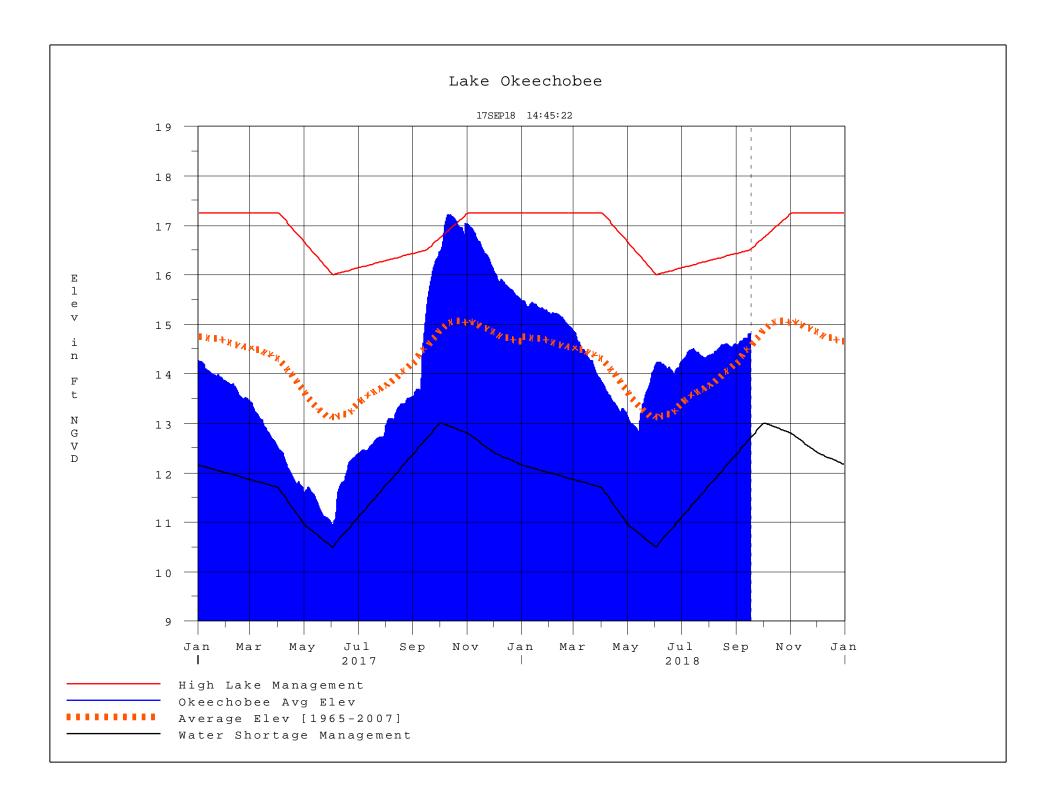
On 05 November 2010, Lake Okeechobee Elevation was switched to a 9 gage mix of interior and edge gages to obtain a more reliable representation of the lake level.

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 ++ For more information see the Jacksonville District Navigation website at http://www.saj.usace.army.mil/

\$ For information regarding Lake Okeechobee Service Area water restrictions
please refer to www.sfwmd.gov

Report Generated 17SEP2018 @ 23:38 ** 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

• 6-15 Day Precipitation Outlook Categories

Table ?? in the Lake Okeechobee Water Control Plan

• Classification of Lake Okeechobee Net Inflow for Seasonal

Outlook

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

Back to Lake Okeechobee Operations Main Page

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

| Tributary Hydrologic | Palmer Index | 2-wk Mean L.O. Net |
|----------------------|----------------|---------------------|
| Classification* | Class Limits | 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 |
| | 2000 | 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