Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 10/16/2017 (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 Neutral 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 | | roley's ethod ^{1*} | En | WMD npirical ethod ² | Sub-sampling of Neutral ENSO Years ³ | | Sub-sampling of AMO Warm + Neutral ENSO Years ⁴ | |
|--------------------------------|---------------|--------------------------------|---------------|---------------------------------------|---|------------------|---|-----------|
| | Value (ft) | Condition | Value (ft) | <u>Condition</u> | Value (ft) | <u>Condition</u> | Value (ft) | Condition |
| Current (Oct- Mar) | N/A | N/A | 1.96 | Wet | 1.89 | Wet | 3.03 | Very Wet |
| Multi Seasonal (Oct-Apr) | N/A | N/A | 1.92 | Normal | 1.78 | Normal | 2.97 | Wet |

*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.

Tributary Hydrologic Conditions Graph:

20510 cfs 14-day running average for Lake Okeechobee Net Inflow through 10/15/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

2.24 for Palmer Index on 10/14/2017.

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

The wetter of the two conditions above is Very Wet.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 10/16/2017

Lake Okeechobee Stage: 17.18 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

| | ee Management /Band | Bottom Elevation (feet, NGVD) | Current Lake Stage |
|---------------------|--------------------------|----------------------------------|-----------------------|
| High Lake Manage | ement Band | 16.98 | ← 17.18 |
| Onerational | High sub-band | 16.61 | |
| Operational Band | Intermediate sub-band | 16.07 | |
| | Low sub-band | 14.50 | |
| Base Flow sub-ba | nd | 12.94 | |
| Beneficial Use sub | o-band | 12.91 | |
| Water Shortage M | lanagement Band | | |

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to maximum practicable 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: Up to maximum discharge capacity to tidewater.

Technical Input Summaries from:

- Lake Okeechobee Division
- <u>Coastal Ecosystems</u>
- <u>Everglades Ecosystems Division</u>
- Water Supply Department
- Water Resource Management Release Recommendation
- Kissimmee Watershed Environmental Conditions
- Environmental Conditions for Systems Operations

Back to Lake Okeechobee Operations Main Page

Back to U.S. Army Corps of Engineers LORSS Homepage

LORS2008 Implementation on 10/16/2017 (ENSO Neutral Condition):

Status for week ending 10/16/2017:

District wide, Raindar rainfall was 2.26 inches for the week. Lake stage on 10/16/2017 was 17.18 ft, up 0.02 ft from last week.

The updated October 2017 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the High Lake Management Operational Sub-Band.

The 2008 LORS Tributary Hydrologic Condition (THC) tributary is classified as **Very Wet**. The PDSI indicates Wet condition and the LONIN is Very Wet. The THC classification is based on the wetter of the two <u>indices</u>.

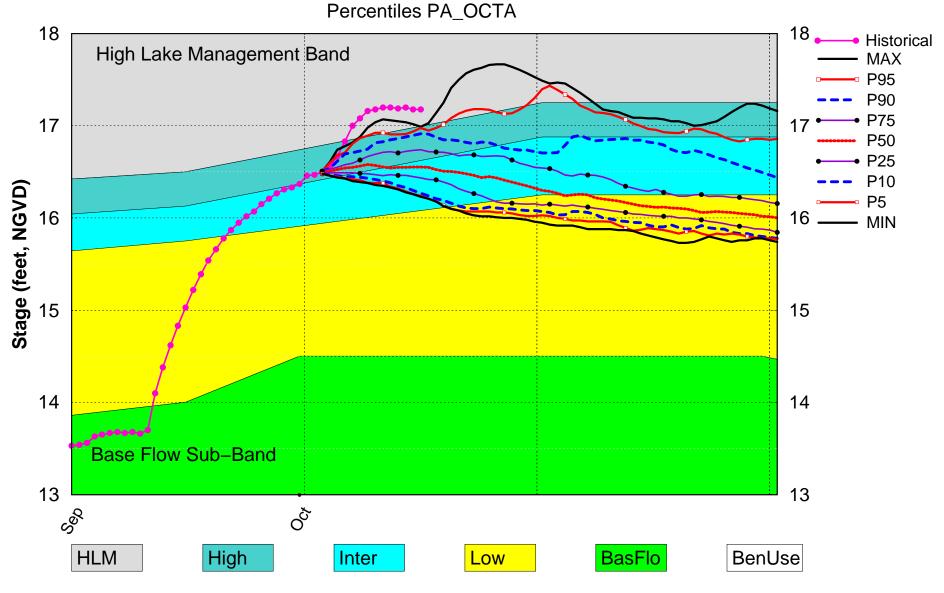
| Area | Indicator | Value | Color Coded Scoring Scheme |
|------|---|---|-------------------------------|
| | Projected LOK Stage for the next two months | High Sub Band | L |
| | Palmer Index for LOK Tributary Conditions | 2.24 (Normal) | L |
| | CDC Presinitation Outlack | 1 month: Above Normal | L |
| LOK | CPC Precipitation Outlook | 3 months: Normal | L |
| | LOK Seasonal Net Inflow Outlook ENSO La Nina Years | 1.89 ft (Normal) | L |
| | LOK Multi-Seasonal Net Inflow Outlook | 1.78 ft (Normal) | М |
| | ENSO La Nina Years | | |
| | WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average | Above Line 1 (17.57 ft) | L |
| WCAs | WCA 2A: Site 2-17 HW | Above Line 1 (14.07 ft) | L |
| | WCA-3A: 3 Station Average (Site 63, 64 and 65) | Above Line 1 (12.56 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 |

Water Supply Risk Evaluation

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.

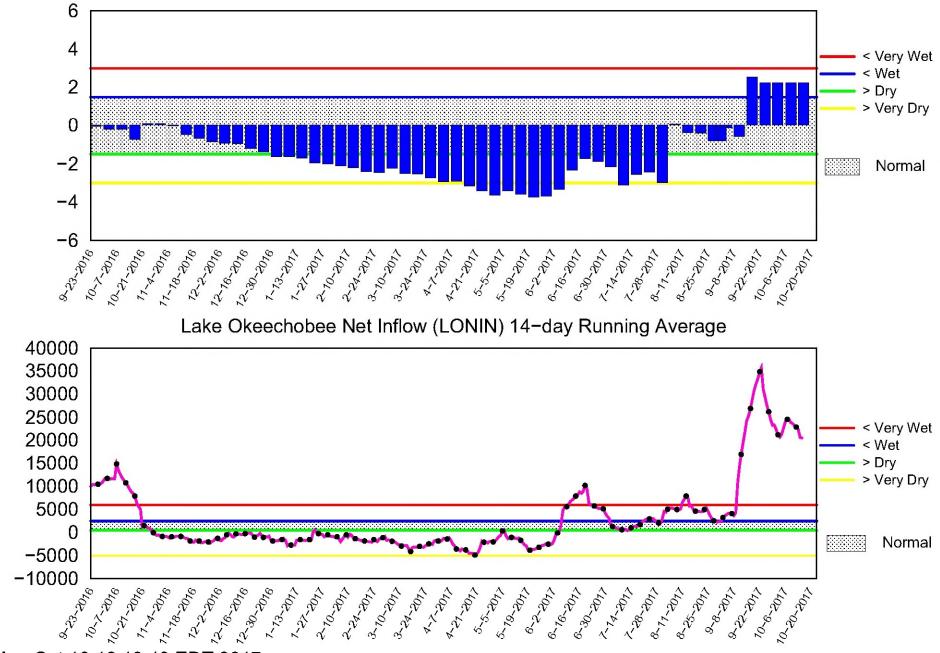
Back to Lake Okeechobee Operations Main Page Back to U.S. Army Corps of Engineers LORSS Homepage

Lake Okeechobee SFWMM Oct 2017 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

Mon Oct 16 12:45:24 EDT 2017



Tributary Basin Condition Indicators as of October 16 2017

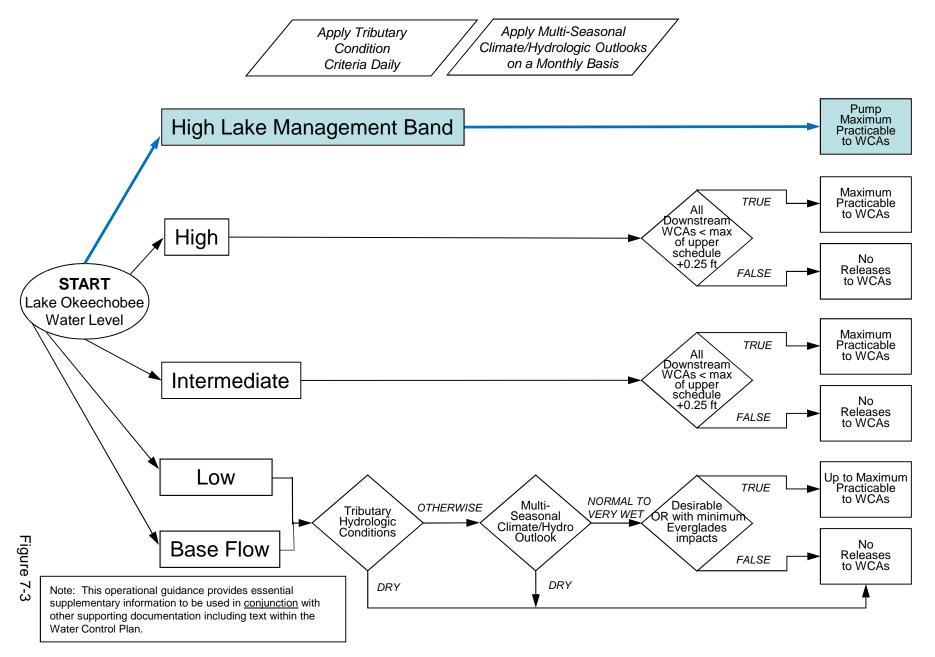
Palmer Index

Mon Oct 16 12:18:43 EDT 2017

Flow (cfs)

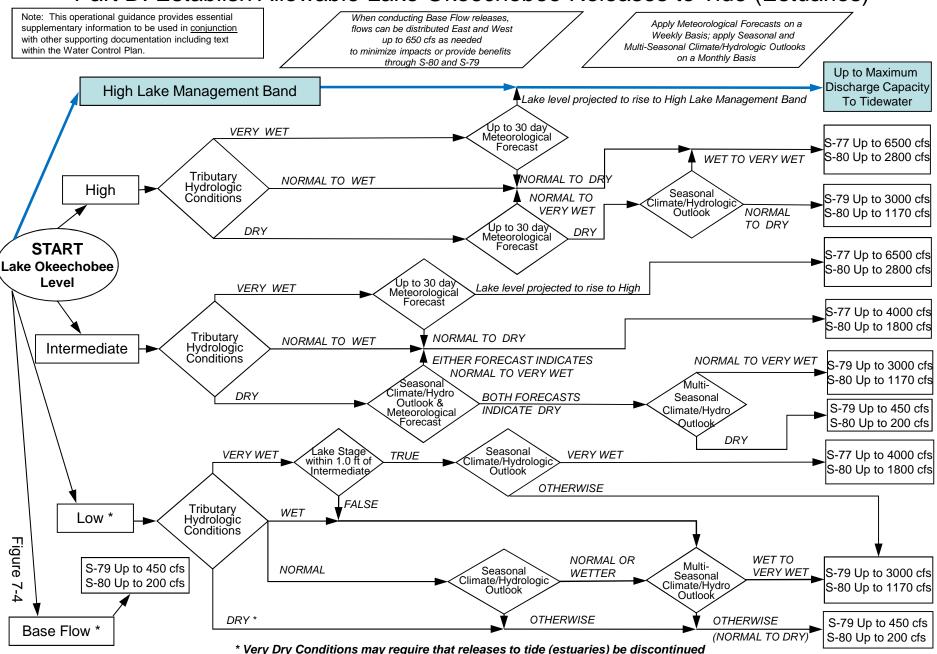
2008 LORS

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

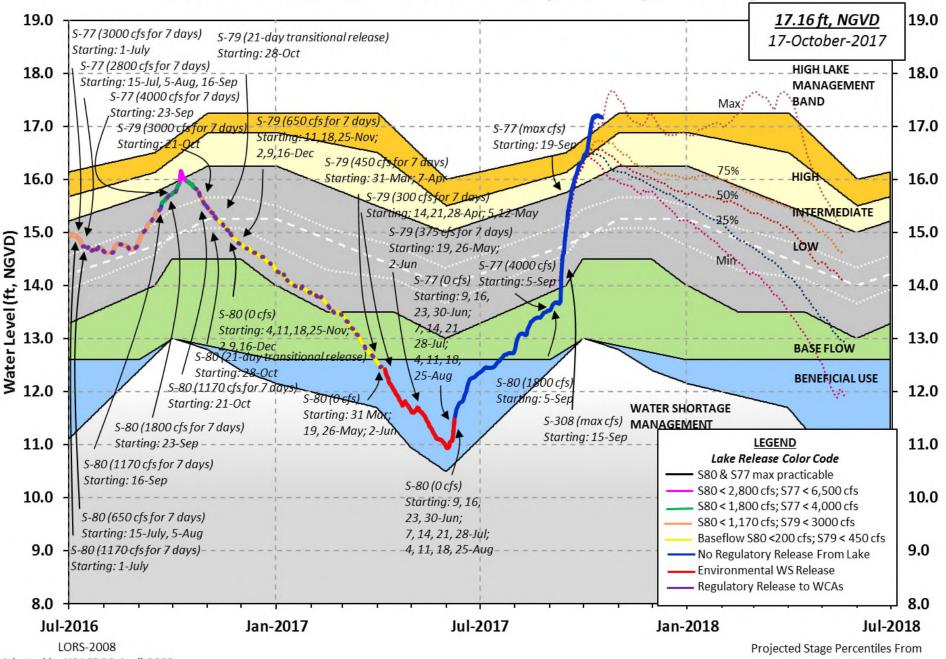


2008 LORS

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



Lake Okeechobee Water Level History and Projected Stages



Adopted by USACE 28-April-2008

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 08 OCT 2017 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) *Okeechobee Lake Elevation 17.16 16.10 14.75 (Official Elv) Bottom of High Lake Mngmt= 16.87 Top of Water Short Mngmt= 12.95 Currently in High Lake Management Band Simulated Average LORS2008 [1965-2000] 13.89 Difference from Average LORS2008 3.27 080CT (1965-2007) Period of Record Average 15.00 Difference from POR Average 2.16 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 11.10' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 9.30' Bridge Clearance = 46.65' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 17.19 -NR- 17.17 17.13 17.14 17.28 17.10 17.10 *Combination Okeechobee Avg-Daily Lake Average = 17.16 (*See Note) Okeechobee Inflows (cfs): S65E 5527 S65EX1 5556 Fisheating Cr 1434 S135 Pumps S154 420 S191 1474 143 S84 1989 S133 Pumps 225 S2 Pumps 0 248 0 S84X 154 S127 Pumps S3 Pumps S71 228 S129 Pumps 95 S4 Pumps 0 S72 341 S131 Pumps 42 C5 0 Total Inflows: 17875 Okeechobee Outflows (cfs): 6808 0 S77 S135 Culverts 0 S354 0 S127 Culverts S351 0 S308 2272 S129 Culverts 0 S352 0 S131 Culverts 0 L8 Canal Pt -384 Total Outflows: 8696

```
****S77 below flow meter is being used to compute Total Outflow.
****S308 below flow meter is being used to compute Total Outflow.
Okeechobee Pan Evaporation (inches):
S77 0.20 S308 0.27
Average Pan Evap x 0.75 Pan Coefficient = 0.18" = 0.01'
Lake Average Precipitation using NEXRAD: = -NR-" = -NR-'
Evaporation - Precipitation: = -NR-" = -NR-'
Evaporation - Precipitation using Lake Area of 730 square miles
is equal to -NR-
Lake Okeechobee (Change in Storage) Flow is 18856 cfs or 37400 AC-FT
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| | Headwater | Tailwater | | | | Gat | ce Pos | sitio | ns | |
|-----------------------|-----------|-----------|---------|--------|--------|--------|--------|-------|------|------|
| | Elevation | Elevation | Disch | #1 | #2 | #3 | #4 | #5 | #6 | #7 |
| #8 | (ft-msl) | (ft-msl) | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft) | (ft) | (ft) |
| (ft) | | | | | | | | | | |
| North East S | hawa | (1 |) see n | ote at | t bott | com | | | | |
| S133 Pumps | | 17.35 | 225 | 48 | 60 | 72 | 41 | 10 | (cf: | -) |
| S133 Pullips S193: | • 13.40 | 17.35 | 220 | 40 | 00 | 12 | 41 | ΤZ | (CI; | 5) |
| S191: | 18.08 | 17.31 | 1474 | 3.0 | 2.8 | 3.0 | | | | |
| S135 Pumps | : 13.39 | 17.08 | 143 | 36 | 30 | 36 | 42 | | (cf: | з) |
| S135 Culve | rts: | | 0 | 0.0 | 0.0 | | | | | |
| North West S | hore | | | | | | | | | |
| S65E: | 21.00 | 17.69 | 5527 | 3.0 | 3 0 | 3 0 | 25 | 2.5 | 25 | |
| S65EX1: | | 17.69 | | 5.0 | 5.0 | 5.0 | 2.5 | 2.5 | 2.5 | |
| S127 Pumps | | 17.18 | 248 | 52 | 78 | 18 | 66 | 47 | (cf: | 3) |
| S127 Culve | | | 0 | 0.0 | | 20 | 00 | | (01) | |
| | | | | | | | | | | |
| S129 Pumps | : 12.90 | 17.23 | 95 | 0 | 30 | 59 | | | (cf: | з) |
| S129 Culve | rt: | | 0 | 0.0 | | | | | | |
| S131 Pumps | : 12 78 | 17.32 | 42 | 0 | 47 | | | | (cf: | 3) |
| S131 Culve | | 1,101 | 0 | Ũ | - / | | | | (01) | |
| | | | | | | | | | | |
| Fisheating | | 22.00 | 1 4 2 4 | | | | | | | |
| nr Palmd nr Lakep | | 33.22 | 1434 | | | | | | | |
| C5: | OIL | | 0 | – NF | R− −NF | ?– −NF | 2 – | | | |
| | | 1110 | Ŭ | 141 | | . 101 | - | | | |
| South Shore | | | | | | | | | | |
| S4 Pumps: | 11.95 | 17.18 | 0 | 0 | | 0 | | | (cf: | з) |
| S169: | 14.81 | 11.99 | 17 | 1.0 | 1.0 | 0.5 | | | | |
| S310: | 17.05 | | 9 | | | | | | | |

 S3 Pumps:
 9.68
 17.15
 0
 0
 0
 0
 (cfs)

 S354:
 17.15
 9.68
 0
 0.0
 0.0
 0
 (cfs)

 S2 Pumps:
 9.80
 17.22
 0
 0
 0
 0
 (cfs)

 S351:
 17.22
 9.80
 0
 0.0
 0.0
 0.0
 (cfs)

 S352:
 17.25
 10.23
 0
 0.0
 0.0
 0.0
 0.0

 C10A:
 -NR -NR 8.0
 8.0
 8.0
 0.0
 0.0

 17.38 -384 L8 Canal PT S351 and S352 Temporary Pumps/S354 Spillway 9.8017.2210.2317.259.6817.15

 17.22
 0
 -NR--NR--NR--NR--NR

 17.25
 0
 -NR--NR--NR

 17.15
 0
 -NR--NR--NR
 S351: S352: S354: Caloosahatchee River (S77, S78, S79) S47B: 13.30 11.36 1.0 1.0 S47D: -NR- -NR- -NR-S77: Spillway and Sector Flow: 16.82 11.67 ***** 5.5 5.5 5.5 5.5 Flow Due to Lockages+: 3 S77 Below USGS Flow Gage 6805 S78: Spillway and Sector Flow: 10.67 4.10 8164 6.0 6.5 8.0 7.5 Flow Due to Lockages+: 2 S79: Spillway and Sector Flow: 18.0 Flow Due to Lockages+: 0 Percent of flow from S77 47% Chloride (ppm) 55 St. Lucie Canal (S308, S80) S308: Spillway and Sector Flow: 17.09 16.85 ***** 8.0 8.0 8.0 8.0 Flow Due to Lockages+: 0 S308 Below USGS Flow Gage2271S153:18.6416.56478 478 1.5 1.5 S80: Spillway and Sector Flow: 12.72 2.89 4227 4.5 2.5 0.0 4.5 2.5 4.5 4.5 Flow Due to Lockages+: 11 Percent of flow from S308 54% Steele Point Top Salinity (mg/ml) 1197 Steele Point Bottom Salinity (mg/ml) 5537

Speedy Point Top Salinity (mg/ml) 533 Speedy Point Bottom Salinity (mg/ml) 689

+ 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 |
|--|--------------|----------|--------------|-----------|------|
| - 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: | 0.00 | 0.07 | 2.13 | 144 | 2 |
| S78: | 0.00 | 0.00 | 1.79 | 138 | 2 |
| s79: | 0.00 | 0.18 | 2.50 | 211 | 2 |
| 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 | 0.00 | 0.00 | 121 | 4 |
| S80: | 0.00 | 0.00 | 0.00 | 157 | 1 |
| Okeechobee Average | 0.00 | | 0.16 | | |
| (Sites S78, S79 and | S80 not incl | | | | |
| Oke Nexrad Basin Avg | | | | | |
| | | | | | |
| _ Okeechobee Lake Elevations 080CT17 | 08 OCT 2017 | | 17.16 Differ | ence from | 1 |
| 080CT17 -1 Day = | 07 OCT 2017 | | 17.08 | -0.0 | 8 |
| 080CT17 -2 Days = | | | 17.00 | -0.1 | .6 |
| 080CT17 -3 Days = | 05 OCT 2017 | | 16.83 | -0.3 | 3 |
| | 04 OCT 2017 | | 16.67 | -0.4 | 9 |
| 080CT17 -5 Days = | | | 16.56 | -0.6 | |
| | 02 OCT 2017 | | 16.50 | -0.6 | |
| 080CT17 -7 Days = | 01 OCT 2017 | | 16.47 | -0.6 | |
| - | 08 SEP 2017 | | 13.66 | -3.5 | |
| 080CT17 -1 Year = | 08 OCT 2016 | | 16.10 | -1.0 | |
| 080CT17 -2 Year = | 08 OCT 2015 | | 14.75 | -2.4 | |
| | | | | | |

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Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 3.77

Lake Okeechobee Net Inflow (LONIN)

—

| | A | verage | Flov | v ove | er the | previous | 14 day | /s | Avg-Daily Flow |
|---------|----------|--------|------|-------|--------|----------|--------|----|----------------|
| 080CT17 | Today | = | 08 | OCT | 2017 | 24553 | MON | ĺ | 27933 |
| 080CT17 | -1 Day | = | 07 | OCT | 2017 | 24384 | SUN | ĺ | 27122 |
| 080CT17 | -2 Days | = | 06 | OCT | 2017 | 23779 | SAT | ĺ | 45288 |
| 080CT17 | -3 Days | = | 05 | OCT | 2017 | 22094 | FRI | ĺ | 42893 |
| 080CT17 | -4 Days | = | 04 | OCT | 2017 | 20660 | THU | ĺ | -NR- |
| 080CT17 | -5 Days | = | 03 | OCT | 2017 | 20954 | WED | ĺ | 20867 |
| 080CT17 | -6 Days | = | 02 | OCT | 2017 | 21563 | TUE | | 15563 |
| 080CT17 | -7 Days | = | 01 | OCT | 2017 | 22514 | MON | ĺ | 13126 |
| 080CT17 | -8 Days | = | 30 | SEP | 2017 | 24090 | SUN | ĺ | 31156 |
| 080CT17 | -9 Days | = | 29 | SEP | 2017 | 24707 | SAT | ĺ | 19200 |
| 080CT17 | -10 Days | = | 28 | SEP | 2017 | 26394 | FRI | | 13720 |
| 080CT17 | -11 Days | = | 27 | SEP | 2017 | 28475 | THU | | 17862 |
| 080CT17 | -12 Days | = | 26 | SEP | 2017 | 30386 | WED | ĺ | 21873 |
| 080CT17 | -13 Days | = | 25 | SEP | 2017 | 32490 | TUE | Í | 22581 |
| | | | | | | | | | |

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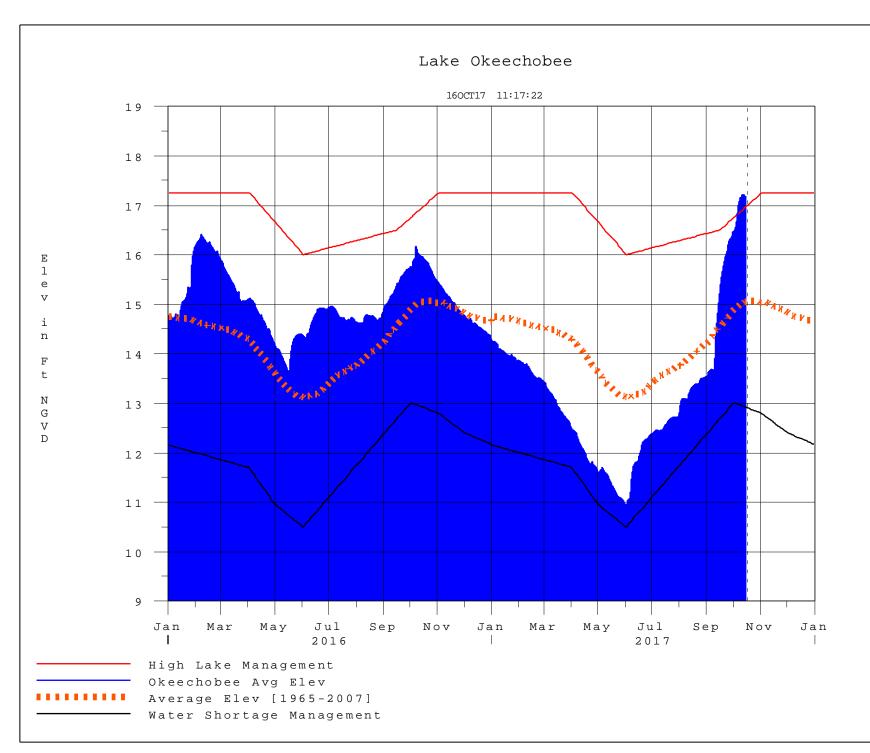
| | S65E | | |
|--------------------|-------------------|------------------|----------------|
| | Average Flow over | previous 14 days | Avg-Daily Flow |
| 080CT17 Today= | 08 OCT 2017 | 7103 MON | 5573 |
| 080CT17 -1 Day = | 07 OCT 2017 | 7225 SUN | 6387 |
| 080CT17 -2 Days = | 06 OCT 2017 | 7270 SAT | 7487 |
| 080CT17 -3 Days = | 05 OCT 2017 | 7210 FRI | 7388 |
| 080CT17 -4 Days = | 04 OCT 2017 | 7160 THU | 7134 |
| 080CT17 -5 Days = | 03 OCT 2017 | 7150 WED | 7177 |
| 080CT17 -6 Days = | 02 OCT 2017 | 7163 TUE | 7194 |
| 080CT17 -7 Days = | 01 OCT 2017 | 7206 MON | 7179 |
| 080CT17 -8 Days = | 30 SEP 2017 | 7277 SUN | 7239 |
| 080CT17 -9 Days = | 29 SEP 2017 | 7349 SAT | 7323 |
| 080CT17 -10 Days = | 28 SEP 2017 | 7414 FRI | 7332 |
| 080CT17 -11 Days = | 27 SEP 2017 | 7397 THU | 7368 |
| 080CT17 -12 Days = | 26 SEP 2017 | 7180 WED | 7341 |
| 080CT17 -13 Days = | 25 SEP 2017 | 6850 TUE | 7326 |
| | | | |

| | | | | | ~ | | | | |
|---------|-----|-------|----|----|-----|-------|----------|-------|---------------|
| | | | | - | | 55EX1 | | 1 4] | |
| | | _ | | 5 | | | previous | - | Avg-Daily Flo |
| 080CT17 | | Today | /= | 08 | OCT | 2017 | 5956 | MON | 5556 |
| 080CT17 | -1 | Day | = | 07 | OCT | 2017 | 6034 | SUN | 5551 |
| 080CT17 | -2 | Days | = | 06 | OCT | 2017 | 6119 | SAT | 5576 |
| 080CT17 | -3 | Days | = | 05 | OCT | 2017 | 6199 | FRI | 5946 |
| 080CT17 | -4 | Days | = | 04 | OCT | 2017 | 6253 | THU | 6312 |
| 080CT17 | -5 | Days | = | 03 | OCT | 2017 | 6279 | WED | 5965 |
| 080CT17 | -6 | Days | = | 02 | OCT | 2017 | 6333 | TUE | 5827 |
| 080CT17 | -7 | Days | = | 01 | OCT | 2017 | 6402 | MON | 5648 |
| 080CT17 | -8 | Days | = | 30 | SEP | 2017 | 6491 | SUN | 5970 |
| 080CT17 | -9 | Days | = | 29 | SEP | 2017 | 6566 | SAT | 5824 |
| 080CT17 | -10 | Days | = | 28 | SEP | 2017 | 6672 | FRI | 6056 |
| 080CT17 | -11 | Days | = | 27 | SEP | 2017 | 6815 | THU | 6192 |
| 080CT17 | | Days | | 26 | SEP | 2017 | 6955 | WED | 6322 |
| | | Days | | 25 | SEP | 2017 | 7087 | TUE | 6639 |

Lake Okeechobee Outlets Last 14 Days

| 2 | | a n o | | |
|----------------------------|---|----------------------|------------------------|-------------|
| | -77 Below S-77 | S-78 | S-79 | |
| | charge Discharge DAY) (ALL-DAY) | - | Discharge (ALL DAY) | |
| - | L DAY) (ALL-DAY) C-FT) (AC-FT) | (ALL DAY) (AC-FT) | (ALL DAY) (AC-FT) | |
| | 2698 13495 | (AC-F1) 16199 | (AC-F1) 28570 | |
| | L967 12882 | 16240 | 28335 | |
| | L870 12998 | 16280 | 20335 | |
| | L754 13074 | 16552 | 27847 | |
| | 3778 15605 | 16619 | 27784 | |
| | 157 14386 | 16016 | 24854 | |
| | 3909 15122 | 15837 | 24884 | |
| | 3486 14798 | 15934 | 25623 | |
| | 3269 14649 | 15667 | 25931 | |
| | 13235 | 14008 | 21948 | |
| |)405 8988 | 10308 | 17752 | |
| | 10708 | 11029 | 18071 | |
| | 2918 10504 | 11789 | 18595 | |
| | 2188 10511 | 11699 | 18648 | |
| | | | | |
| S- | -310 S-351 | S-352 | S-354 | L8 Canal Pt |
| | charge Discharge | | Discharge | Discharge |
| - | L DAY) (ALL DAY) | | (ALL DAY) | (ALL DAY) |
| | C-FT) (AC-FT) | (AC-FT) | (AC-FT) | (AC-FT) |
| 08 OCT 2017 | 18 0 | 0 | 0 | -762 |
| 07 OCT 2017 | 21 0 | 0 | 0 | -1098 |
| 06 OCT 2017 | 22 0 | 0 | 0 | -1334 |
| 05 OCT 2017 | 21 0 | 0 | 0 | -975 |
| 04 OCT 2017 | 36 0 | 0 | 0 | -NR- |
| 03 OCT 2017 | 33 0 | 0 | 0 | -579 |
| 02 OCT 2017 01 OCT 2017 | 10 0 1 0 | 0 | 0 | -380 |
| 30 SEP 2017 | 1 0 6 0 | 0 0 | 0 0 | -98 -112 |
| 29 SEP 2017 | 16 0 | 0 | 0 | 29 |
| 29 SEP 2017 28 SEP 2017 | 26 0 | 0 | 0 | 11 |
| 27 SEP 2017 | 11 0 | 0 | 0 | -13 |
| 26 SEP 2017 | 18 0 | 0 | 0 | 44 |
| 25 SEP 2017 | 9 0 | 0 | 0 | -40 |
| | 5 | U U | 0 | 10 |
| S- | -308 Below S-3 | 08 S-80 | | |
| Disc | charge Discharge | e Discharge | | |
| (ALI | L DAY) (ALL-DAY |) (ALL-DAY) | | |
| DATE (AC | C-FT) (AC-FT) | (AC-FT) | | |
| | 3739 4504 | 8678 | | |
| | 4268 3547 | 6857 | | |
| 06 OCT 2017 | 258 -229 | 6050 | | |
| | -723 -795 | 3456 | | |
| 04 OCT 2017 | 446 44 | 3004 | | |
| 03 OCT 2017 | -0 116 | 2381 | | |
| | 2028 1767 | 5600 | | |
| | 3787 6731 0025 6642 | 6677 | | |
| | 3835 6643 770 6814 | 6649 | | |
| | 3779 6814 0126 7167 | 6684 6541 | | |
| | 9126 7167 8871 6717 | 6541 7229 | | |
| | 3871671778155833 | 5626 | | |
| ZU DEF ZUI/ / | CT0 2022 | 2020 | | |

| 25 SEP 2017 | -NR- | 5743 | 6147 |
|--|--|--|---|
| *** NOTE: and | Discharge | (ALL DAY) is | s computed using Spillway, Sector Gate |
| anu | Lockages I | ischarges fi | rom 0015 hrs to 2400 hrs. |
| _ | | | |
| - | - | | an instantaneous value reported for the day |
| Instantar On 14 Mar standard 10 static as the La On 05 Nov mix of ir of the la On 09 May mix of ir of the la | neous 2400 w 2001, due ons, the ave ake Okeechok vember 2010, nterior and ake level. 2011, Lak nterior and ake level du | alue to an a to the isola rage of the pee Elevation Lake Okeed edge gages to edge gages to edge gages to edge gages to | Elevation was switched from average-daily lake average. ation of various gages within the interior 4 station gages was used h. chobee Elevation was switched to a 9 gage to obtain a more reliable representation e Elevation was switched to a 8 gage to obtain a more reliable representation ion of S135 from low lake levels. is determined from the 4 Int & 4 Edge |
| stations | | | cksonville District Navigation website |
| at http:/ | //www.saj.us | ace.army.mi | L/ |
| \$ For infor restrictions | rmation rega | rding Lake (| Dkeechobee Service Area water |
| | efer to www. | sfwmd.gov | |
| | | | |



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

<u>Classification of Lake Okeechobee Net Inflow for Multi-</u>

Seasonal Outlook

 Table K-4 in the Lake Okeechobee Water Control Plan

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| 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] | | | | |
| [] | [] | 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