Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 3/7/2016 (El Nino 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 El Nino years³ and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with El Nino 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*} | En | FWMD npirical ethod ² | El Nir | ampling of no ENSO ears ³ | Sub-sampling of AMO Warm + El Nino ENSO Years ⁴ | | |
|------------------------------------|---------------|-------------------------------|---------------|--|---------------|--|---|-----------|--|
| | Value (ft) | Condition | Value (ft) | Condition | Value (ft) | Condition | Value (ft) | Condition | |
| Current (Mar- Aug) | N/A | N/A | 1.44 | Normal | 1.49 | Normal | 2.31 | Very Wet | |
| Multi Seasonal (Mar- Oct) | N/A | N/A | 2.55 | Wet | 2.83 | Wet | 4.38 | Very 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:

2428 cfs 14-day running average for Lake Okeechobee Net Inflow through 3/7/2016. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

1.15 for Palmer Index on 3/6/2016.

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

The wetter of the two conditions above is Normal.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 3/7/2016

Lake Okeechobee Stage: **15.68 feet**

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

| | ee Management /Band | Bottom Elevation (feet, NGVD) | Current |
|---------------------|--------------------------|----------------------------------|------------|
| ZONE/ | Dallu | (1001, 1007D) | Lake Stage |
| High Lake Manage | ement Band | 17.25 | |
| | High sub-band | 16.61 | |
| Operational Band | Intermediate sub-band | 15.71 | |
| | Low sub-band | 13.50 | ← 15.68 |
| Base Flow sub-ba | nd | 12.60 | |
| Beneficial Use sub | o-band | 11.83 | |
| Water Shortage M | lanagement Band | | |

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to Maximum Releases to the WCAs if Desirable or with Minimum Everglades Impacts

Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: S-79 up to 3000 cfs and S-80 up to 1170 cfs

Technical Input Summaries from:

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

Back to Lake Okeechobee Operations Main Page

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

LORS2008 Implementation on 3/7/2016 (ENSO El Nino Condition):

Water Supply Department Technical Input

Water Supply Outlook:

District wide, Raindar rainfall 0.01 inches for the week ending 3/7/2016. Lake stage on 3/7/2016 is 15.68 ft, down 0.24 ft from last week.

The updated March 2016 SFWMM Dynamic Position Analysis <u>percentile graph</u> and <u>tracking chart</u> for Lake Okeechobee show that the lake stage is in the Low Operational Sub-Band.

The LORS2008 tributary <u>indices</u> are classified as **Normal**. The PDSI indicates normal condition and the LONIN is Normal. The classification is based on the wetter of the two.

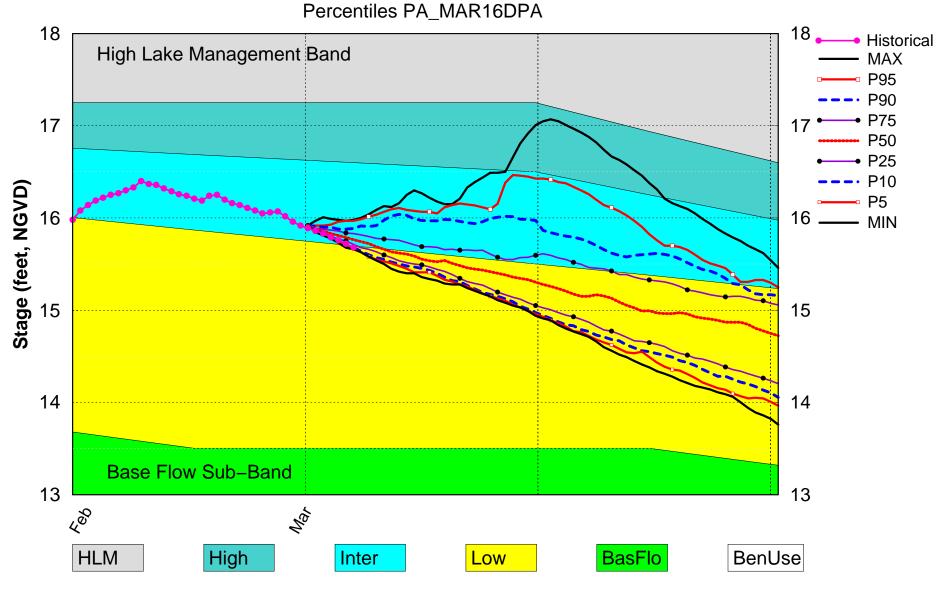
Water Supply Risk Evaluation

| Area | Indicator | Value | Color Coded Scoring Scheme |
|------|---|---|-------------------------------|
| | Projected LOK Stage for the next two months | Low Flow Sub-Band | М |
| LOK | Palmer Index for LOK Tributary Conditions | 1.15 (Normal) | L |
| | CPC Precipitation Outlook | 1 month: Above Normal | L |
| | CPC Precipitation Outlook | 3 months: Above Normal | L |
| | LOK Seasonal Net Inflow Forecast AMO warm/El Nino | 1.49 ft (Normal to Extremely Wet) | L |
| | LOK Multi-Seasonal Net Inflow Forecast AMO warm/El Nino | 2.83 ft (Normal) | М |
| | WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average | Above Line 1 (16.68 ft) | L |
| WCAs | WCA 2A: Site 2-17 HW | Above Line1 (12.74 ft) | L |
| | WCA-3A: 3 Station Average (Site 63, 64 and 65) | Above Line 1 (11.38 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 forecasts use slightly different classification intervals than those used by the 2008-LORS for classifying the tributary hydrologic condition (THC).

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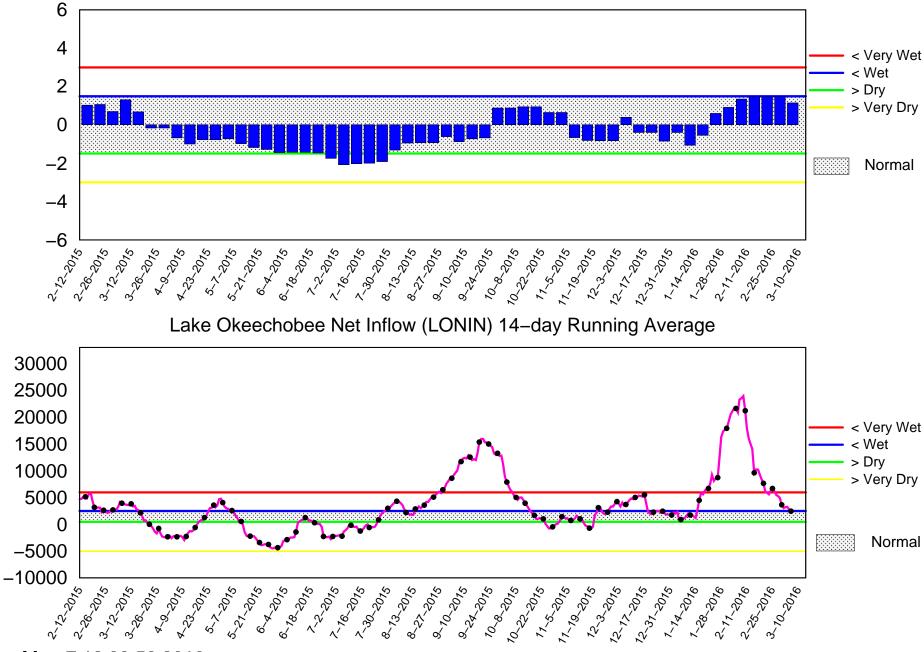
Lake Okeechobee SFWMM Mar 2016 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of March 7 2016

Palmer Index

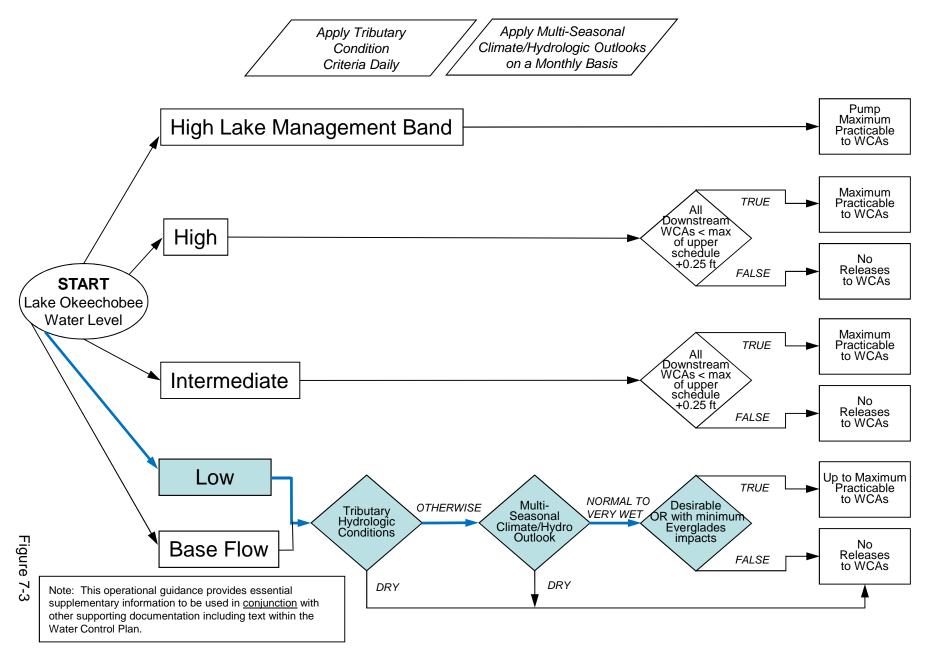


Mon Mar 7 12:33:56 2016

Flow (cfs)

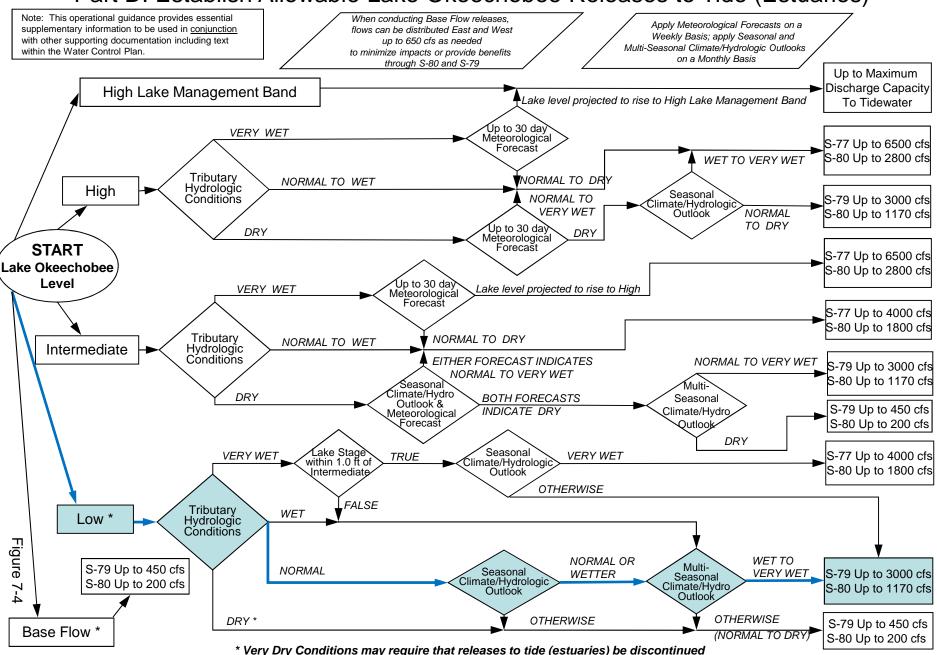
2008 LORS

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



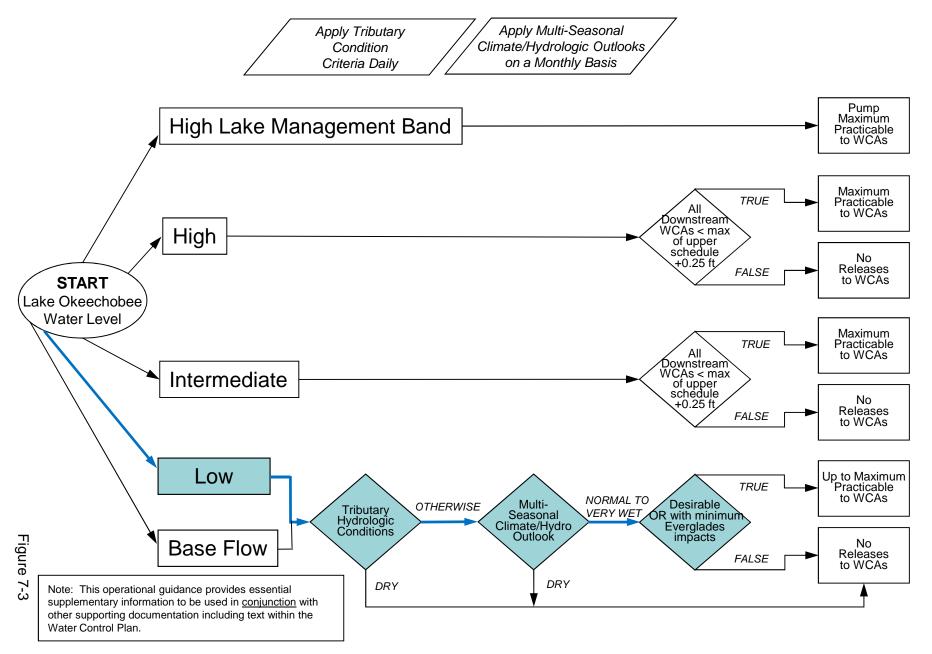
2008 LORS

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



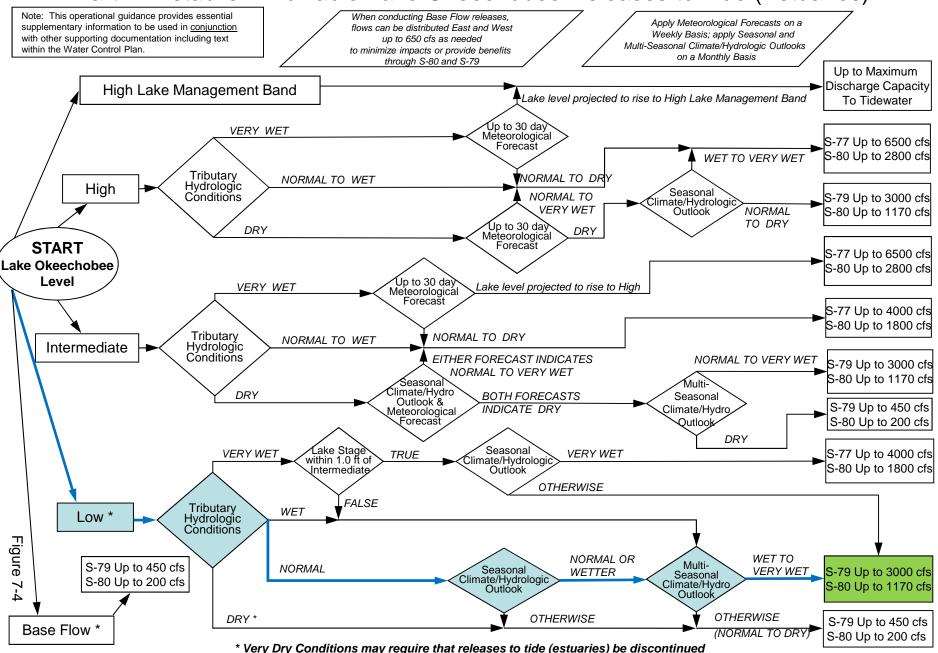
2008 LORS FORECAST

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

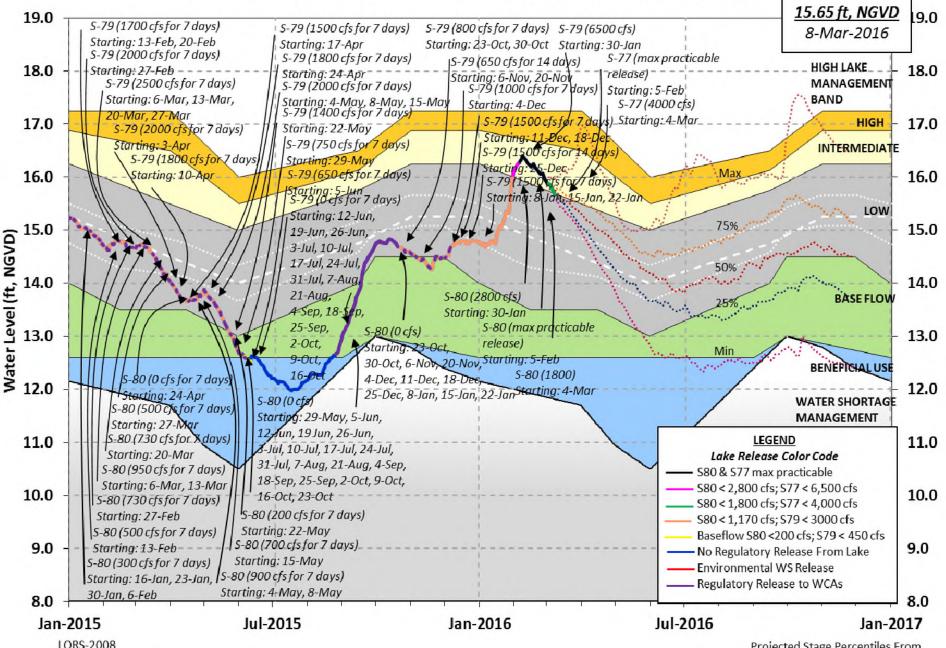


2008 LORS FORECAST

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 06 MAR 2016 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) *Okeechobee Lake Elevation 15.68 14.73 13.89 (Official Elv) Bottom of High Lake Mngmt= 17.25 Top of Water Short Mngmt= 11.82 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 13.27 Difference from Average LORS2008 2.41 06MAR (1965-2007) Period of Record Average 14.49 Difference from POR Average 1.19 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 9.62' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 7.82' Bridge Clearance = 49.10' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 15.40 15.75 15.80 15.68 15.87 15.90 15.62 15.44 *Combination Okeechobee Avg-Daily Lake Average = 15.68 (*See Note) Okeechobee Inflows (cfs): S65E 2311 C5 -123 Fisheating Cr 558 0 S135 Pumps S154 17 S191 0 0 S84 0 S133 Pumps S2 Pumps 0 375 0 S84X S127 Pumps S3 Pumps 0 83 0 0 S71 S129 Pumps S4 Pumps 0 S72 141 S131 Pumps Total Inflows: 3362 Okeechobee Outflows (cfs): S135 Culverts 0 S354 246 S77 (Not Used) S127 Culverts 0 S351 581 S77Below 3894 (USED) S129 Culverts 0 S352 117 S308 (Not Used)

S131 Culverts -NR- L8 Canal Pt 179 S308Below 1709 (USED) Total Outflows: No Report Due To Missing S77 or S308 Discharge Data ****S77 Structure outflow is being used to compute Total Outflow. ****S308 Structure outflow is being used to compute Total Outflow. Okeechobee Pan Evaporation (inches): S77 0.15 S308 0.27 Average Pan Evap x 0.75 Pan Coefficient = 0.16" = 0.01' Lake Average Precipitation using NEXRAD: = 0.00" = 0.00' Evaporation - Precipitation: = 0.16" = 0.01'Evaporation - Precipitation using Lake Area of 730 square miles is equal to 3092 cfs out of the lake. Lake Okeechobee (Change in Storage) Flow is -8672 cfs or -17200 AC-FT

Note: Headwater, tailwater, and stage values below are instantaneous values unless otherwise specified.

| | Headwater | Tailwater | | | | Gat | ce Pos | sition | ns | |
|---------------------|-----------|-----------|-------------|---------|--------|------|--------|--------|------|------|
| | Flevation | Elevation | Diech | #1 | #2 | #3 | #4 | #5 | #6 | #7 |
| #8 | LIEVACION | Elevacion | DISCH | #1 | #4 | #3 | #7 | #J | #0 | # / |
| | (ft-msl) | (ft-msl) | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft) | (ft) | (ft) |
| (ft) | | | • • • • • • | | . 1 | | | | | |
| North East S | hore | (1 | I) see 1 | note at | L DOLL | 2011 | | | | |
| S133 Pumps S193: | | 15.41 | 0 | 0 | 0 | 0 | 0 | 0 | (cfs | ;) |
| S191: | 18.25 | 15.44 | 0 | 0.0 | 0.0 | 0.0 | | | | |
| S135 Pumps | | -NR- | | 0 | | 0 | 0 | | (cfs | 3) |
| S135 Culve | rts: | | 0 | -NR- | -NR- | | | | | |
| North West S | hore | | | | | | | | | |
| S65E: | 20.96 | 15.21 | 2311 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | |
| S127 Pumps | | 15.51 | 0 | 0 | 0 | 0 | 0 | 0 | (cfs | 3) |
| S127 Culve | rt: | | 0 | 0.0 | | | | | | |
| S129 Pumps | : 13.10 | 15.70 | 0 | 0 | 0 | 0 | | | (cfs | 5) |
| S129 Culve | rt: | | 0 | 0.0 | | | | | | |
| S131 Pumps | : 13.05 | 15.69 | 0 | 0 | 0 | | | | (cfs | ;) |
| S131 Culve | | 20107 | -NR- | Ũ | Ū | | | | (012 | , |
| Fisheating | Crook | | | | | | | | | |
| nr Palmd | | 32.18 | 558 | | | | | | | |
| nr Lakep | | | 000 | | | | | | | |
| C5: | 15.68 | 15.68 - | 123 | 8.0 0 | 0.0 8 | 3.0 | | | | |

| South Shore | | | | | | | | |
|-------------|-------|-------|-----|-----|-----|-----|-----|-------|
| S4 Pumps: | 11.34 | 15.92 | 0 | 0 | 0 | 0 | | (cfs) |
| S169: | 15.16 | 11.33 | 0 | 0.0 | 0.0 | 0.0 | | |
| S310: | 15.81 | | 82 | | | | | |
| S3 Pumps: | 10.37 | 15.98 | 0 | 0 | 0 | 0 | | (cfs) |
| S354: | 15.98 | 10.37 | 246 | 0.4 | 0.4 | | | |
| S2 Pumps: | 10.22 | 15.93 | 0 | 0 | 0 | 0 | 0 | (cfs) |
| S351: | 15.93 | 10.22 | 581 | 0.6 | 0.6 | 0.7 | | |
| S352: | 15.84 | 10.15 | 117 | 0.1 | 0.2 | | | |
| C10A: | -NR- | 13.81 | | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 |
| L8 Canal PT | | 13.60 | 179 | | | | | |

| | S351 | and S352 | Tempora | ary Pur | nps/S | 354 Sr | pillwa | ıу | | |
|-------------------------|-------------------------|-------------------------|-------------------|---------|-------|--------|--------|-----|-----|-----|
| S351: S352: S354: | 10.22 10.15 10.37 | 15.93 15.84 15.98 | 581 117 246 | -NR1 | NRN | RNR- | - | NR- | | |
| | 10.57 | 15.90 | 240 | | | | | | | |
| Caloosahatch | nee River (S | 77, S78, | S79) | | | | | | | |
| S47B: | 12.09 | 11.18 | | 0.0 | 0.0 | | | | | |
| S47D: S77: | 11.23 | 11.23 | 8 | 5.0 | | | | | | |
| Spillway | , and Sector | Flow: | | | | | | | | |
| opiiiway | 15.39 | 11.39 | 3894 | 4.0 | 4 0 | 4 0 | 4 0 | | | |
| Flow Due | e to Lockage | | 9 | 1.0 | 1.0 | 1.0 | 1.0 | | | |
| S77 Below | USGS Flow G | age | 3894 | | | | | | | |
| s78: | | | | | | | | | | |
| Spillway | , and Sector | Flow: | | | | | | | | |
| | 11.01 | 2.94 | -NR- | 2.0 | 3.0 | 3.0 | 2.5 | | | |
| Flow Due | e to Lockage | | 17 | | | | | | | |
| S79: | | | | | | | | | | |
| | , and Sector | Flow: | | | | | | | | |
| | 2.96 | 1.02 | -NR- | 2.0 | 2.0 | 2.0 | 2.5 | 2.0 | 2.0 | 2.0 |
| 1.0 | e to Lockage | a. • | 14 | | | | | | | |
| | of flow fro | | -NR-% | | | | | | | |
| Chloride | | | -NR-% | | | | | | | |
| CIITOLIAE | 2 | (mqq) | 40 | | | | | | | |
| St. Lucie Ca S308: | nal (S308, | S80) | | | | | | | | |
| Spillway | [,] and Sector | Flow: | | | | | | | | |
| | 15.60 | 14.40 | 1709 | 2.5 | 3.0 | 3.0 2 | 2.5 | | | |
| Flow Due | e to Lockage | s+: | 4 | | | | | | | |
| S308 Below | USGS Flow | Gage | 1709 | | | | | | | |
| S153: | 18.78 | 14.20 | 47 | 0.0 | 0.0 | | | | | |
| S80: | | | | | | | | | | |
| | , and Sector | Flow: | | | | | | | | |
| - ···· | -NR- | -NR- | 1258 | 1.2 | 1.2 | 1.2 | 0.0 | 1.2 | 1.2 | 0.0 |
| Flow Due | to Lockage | | -NR- | | | | | | | |
| | of flow fro | | -NR-% | | | | | | | |

| Steele Point | Top Salinity | (mg/ml) | * * * * |
|--------------|-----------------|---------|---------|
| Steele Point | Bottom Salinity | (mg/ml) | * * * * |
| | | | |
| Speedy Point | Top Salinity | (mg/ml) | 5734 |
| 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 |
|----------------------------|---------------|---------------|---------------|----------|------|
| Daily Precipitation Totals | 1-Day | 3-Day | 7-Day | Directio | on |
| | (inches | s) (inches) | (inches) | (Deqø) | |
| mph) | 、 | | (· -) | (2)27, | |
| S133 Pump Station: | 0.00 | 0.00 | 0.00 | | |
| s193: | -NR- | 0.00 | 0.00 | -NR- | -NR- |
| Okeechobee Field Station: | -NR- | 0.00 | 0.00 | | |
| S135 Pump Station: | 0.00 | 0.00 | 0.00 | | |
| S127 Pump Station: | 0.00 | 0.00 | 0.00 | | |
| S129 Pump Station: | 0.00 | 0.00 | 0.00 | | |
| S131 Pump Station: | 0.00 | 0.00 | 0.00 | | |
| s77: | 0.00 | 0.00 | 0.00 | 69 | 2 |
| S78: | 0.00 | 0.00 | 0.00 | 359 | 1 |
| S79: | 0.00 | 0.00 | 0.00 | 135 | 4 |
| S4 Pump Station: | -NR- | 0.00 | 0.00 | | |
| Clewiston Field Station: | -NR- | 0.00 | 0.00 | | |
| S3 Pump Station: | 0.00 | 0.00 | 0.00 | | |
| S2 Pump Station: | 0.00 | 0.00 | 0.00 | | |
| S308: | * * * * * * * | * * * * * * * | * * * * * * * | 330 | 0 |
| S80: | 0.00 | 0.00 | 0.00 | -NR- | -NR- |
| Okeechobee Average | 2854.89 | 5971.23 | * * * * * * * | | |
| (Sites S78, S79 and | | | | | |
| Oke Nexrad Basin Avg | 0.00 | 0.00 | 0.00 | | |

Okeechobee Lake Elevations 06 MAR 2016 15.68 Difference from 06MAR16 06MAR16 -1 Day = 05 MAR 2016 15.72 0.04 06MAR16 -2 Days = 04 MAR 2016 15.76 0.08 06MAR16 -3 Days = 03 MAR 2016 15.79 0.11 06MAR16 -4 Days = 02 MAR 2016 15.83 0.15 01 MAR 2016 06MAR16 -5 Days = 15.86 0.18 06MAR16 -6 Days = 29 FEB 2016 15.89 0.21 15.92 28 FEB 2016 0.24 06MAR16 -7 Days = 05 FEB 2016 06MAR16 -30 Days = 16.30 0.62 06MAR16 -1 Year = 06 MAR 2015 14.73 -0.95 06MAR16 -2 Year = 06 MAR 2014 13.89 -1.79 Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = -NR-

| _ | | | | | Lake | Okeed | chobee | Net In | flc | w (LONIN) | |
|----|-------|-----|-------|-------|--------|-------|--------|--------|-----|-----------|----------------|
| | | | 1 | Avera | ge Flo | w ove | er the | previo | us | 14 days | Avg-Daily Flow |
| 06 | MAR16 | 5 | Гoday | = | 06 | MAR | 2016 | 24 | 35 | MON | -1946 |
| 06 | MAR16 | -1 | Day | = | 05 | MAR | 2016 | 27 | 90 | SUN | -1898 |
| 06 | MAR16 | -2 | Days | = | 04 | MAR | 2016 | 31 | 51 | SAT | 1842 |
| 06 | MAR16 | -3 | Days | = | 03 | MAR | 2016 | 30 | 96 | FRI | 1765 |
| 06 | MAR16 | -4 | Days | = | 02 | MAR | 2016 | 28 | 64 | THU | 3409 |
| 06 | MAR16 | -5 | Days | = | 01 | MAR | 2016 | 35 | 55 | WED | 2541 |
| 06 | MAR16 | -6 | Days | = | 29 | FEB | 2016 | 49 | 57 | TUE | 3140 |
| 06 | MAR16 | -7 | Days | = | 28 | FEB | 2016 | 51 | 07 | MON | 1346 |
| 06 | MAR16 | -8 | Days | = | 27 | FEB | 2016 | 52 | 22 | SUN | -3056 |
| 06 | MAR16 | -9 | Days | = | 26 | FEB | 2016 | 58 | 61 | SAT | -1370 |
| 06 | MAR16 | -10 | Days | = | 25 | FEB | 2016 | 61 | 93 | FRI | 11324 |
| 06 | MAR16 | -11 | Days | = | 24 | FEB | 2016 | 55 | 48 | THU | 10901 |
| 06 | MAR16 | -12 | Days | = | 23 | FEB | 2016 | 47 | 30 | WED | 3080 |
| 06 | MAR16 | -13 | Days | = | 22 | FEB | 2016 | 50 | 17 | TUE | 3016 |
| | | | | | | | | | | | |

—

| | | | | | Se | 55E | | | |
|---------|-----|-------|----|---------|------|--------|----------|---------|----------------|
| | | | | Average | Flow | v over | previous | 14 days | Avg-Daily Flow |
| 06MAR16 | | Today | /= | 06 | MAR | 2016 | 3089 | MON | 2311 |
| 06MAR16 | -1 | Day | = | 05 | MAR | 2016 | 3104 | SUN | 2699 |
| 06MAR16 | -2 | Days | = | 04 | MAR | 2016 | 3090 | SAT | 2446 |
| 06MAR16 | -3 | Days | = | 03 | MAR | 2016 | 3103 | FRI | 2439 |
| 06MAR16 | -4 | Days | = | 02 | MAR | 2016 | 3146 | THU | 3279 |
| 06MAR16 | -5 | Days | = | 01 | MAR | 2016 | 3148 | WED | 3385 |
| 06MAR16 | -б | Days | = | 29 | FEB | 2016 | 3169 | TUE | 3695 |
| 06MAR16 | -7 | Days | = | 28 | FEB | 2016 | 3172 | MON | 3740 |
| 06MAR16 | -8 | Days | = | 27 | FEB | 2016 | 3184 | SUN | 3850 |
| 06MAR16 | -9 | Days | = | 26 | FEB | 2016 | 3205 | SAT | 2925 |
| 06MAR16 | -10 | Days | = | 25 | FEB | 2016 | 3318 | FRI | 3576 |
| 06MAR16 | -11 | Days | = | 24 | FEB | 2016 | 3403 | THU | 3430 |
| 06MAR16 | -12 | Days | = | 23 | FEB | 2016 | 3503 | WED | 2842 |
| 06MAR16 | -13 | Days | = | 22 | FEB | 2016 | 3695 | TUE | 2624 |
| | | | | | | | | | |

______ Lake Okeechobee Outlets Last 14 Days

| | S-77 | S-77 | Below S-77 | S-78 | S-78 | S-79 |
|--------|---------|-----------------|------------|---------------|-----------|-----------|
| | Discha | arge Discharge | Discharge | Discharge | Discharge | Discharge |
| | (0700-2 | 2100) (ALL DAY) | (ALL-DAY) | (0700 - 2100) | (ALL DAY) | (ALL DAY) |
| DATI | E (AC-F | T) (AC-FT) | (AC-FT) | (AC-FT) | (AC-FT) | (AC-FT) |
| 06 MAR | 2016 | | 7721 | -NR- | 6677 | 9627 |
| 05 MAR | 2016 | | 7599 | -NR- | 6305 | 8761 |
| 04 MAR | 2016 | | 8721 | -NR- | 7113 | 9315 |
| 03 MAR | 2016 | | 11331 | -NR- | 9946 | 12720 |
| 02 MAR | 2016 | | 11315 | -NR- | 9899 | 13102 |
| 01 MAR | 2016 | | 11720 | -NR- | 10790 | 13971 |
| 29 FEB | 2016 | | 12194 | -NR- | 11506 | 14865 |
| 28 FEB | 2016 | | 12248 | -NR- | 11672 | 14631 |
| 27 FEB | 2016 | | 12197 | -NR- | 11570 | 15189 |
| 26 FEB | 2016 | | 12059 | -NR- | 11489 | 14725 |

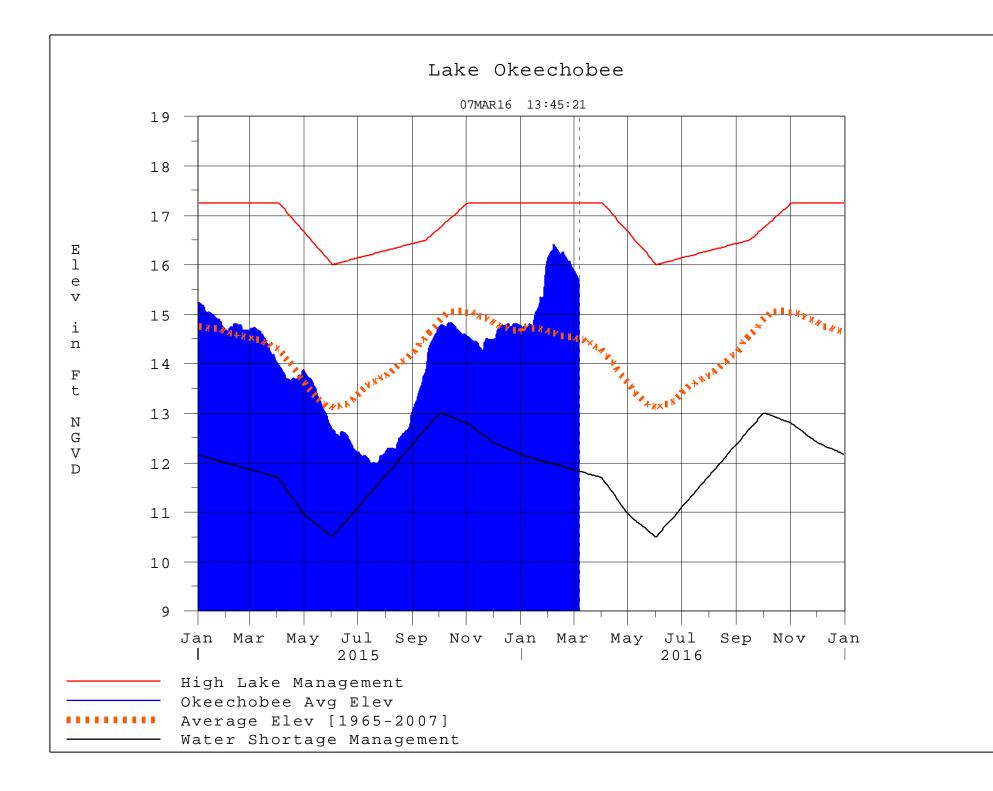
| 25 FEB 2016 | | 10316 | -NR- | 10227 | 13322 |
|----------------------------|---------------------|---------------------|-------------|----------------|---------|
| 24 FEB 2016 | | 10055 | -NR- | 10310 | 14934 |
| 23 FEB 2016 | | 12462 | -NR- | 12303 | 16326 |
| 22 FEB 2016 | | 12338 | -NR- | 12291 | 16144 |
| | | 11000 | | | |
| S-32 | 10 S-351 | S-352 | S-354 | L8 Canal Pt | |
| Discha | | Discharge | Discharge | Discharge | |
| (ALL I | | (ALL DAY) | (ALL DAY) | (ALL DAY) | |
| DATE (AC-1 | | (AC-FT) | (AC-FT) | (AC-FT) | |
| 06 MAR 2016 10 | 62 1152 | 232 | 488 | 355 | |
| 05 MAR 2016 14 | 45 1263 | 355 | 391 | 356 | |
| 04 MAR 2016 12 | 21 1317 | 401 | 365 | 352 | |
| 03 MAR 2016 1 | 59 1220 | 40 | 292 | 362 | |
| 02 MAR 2016 | 79 859 | 0 | 303 | 286 | |
| 01 MAR 2016 | 63 0 | 0 | 0 | 88 | |
| 29 FEB 2016 | 28 0 | 333 | 0 | 35 | |
| 28 FEB 2016 | 77 0 | 280 | 0 | 25 | |
| 27 FEB 2016 12 | 22 0 | 182 | 0 | 14 | |
| 26 FEB 2016 | 18 0 | 0 | 0 | 7 | |
| 25 FEB 2016 | 9 0 | 0 | 0 | 14 | |
| | 11 0 | 5 | 0 | 22 | |
| | 11 0 | 0 | 0 | 59 | |
| 22 FEB 2016 -NH | R- 0 | 0 | 0 | 94 | |
| | | | | | |
| S-30 | | | | | |
| Discha | | - | | | |
| (ALL I DATE (AC-1 | | (ALL-DAY (AC-FT) |) | | |
| DATE (AC-1 06 MAR 2016 | FT) (AC-FT) 3390 | (AC-FI) -NR- | | | |
| 05 MAR 2016 | 3469 | 2538 | | | |
| 05 MAR 2010 04 MAR 2016 | 5393 | 4358 | | | |
| 03 MAR 2016 | 7453 | 8150 | | | |
| 02 MAR 2016 | 6894 | 8115 | | | |
| 01 MAR 2016 | 6128 | 7423 | | | |
| 29 FEB 2016 | 6561 | 8064 | | | |
| 28 FEB 2016 | 7313 | 8125 | | | |
| 27 FEB 2016 | 7741 | 8427 | | | |
| 26 FEB 2016 | 7712 | 8690 | | | |
| 25 FEB 2016 | 7627 | 9028 | | | |
| 24 FEB 2016 | 7035 | 8459 | | | |
| 23 FEB 2016 | 7083 | 8175 | | | |
| 22 FEB 2016 | 7046 | 8172 | | | |
| | | | | | |
| *** NOTE: 1) D: | ischarge from (O | 700-2100) i | s computed | using Spillway | y and |
| Sector | | | | | |
| | ate Discharges f | | | | |
| _ | ischarge (ALL DA | Y) is compu | ted using S | pillway, Secto | or Gate |
| and | 1 | F | | 00.1 | |
| Lo | ockages Discharg | es irom 001 | 5 hrs to 24 | UU hrs. | |
| | | | | | |
| _ | | | | | |

(I) - Flows preceeded 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 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 07MAR2016 @ 14:39 ** 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