

Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 8/5/2019 (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 | Croley's Method ^{1*} | | SFWMD Empirical Method ² | | Sub-sampling of Neutral ENSO Years ³ | | Sub-sampling of AMO Warm + Neutral ENSO Years ⁴ | |
|--------------------------|-------------------------------|---------------------------|-------------------------------------|---------------------------|---|---------------------------|--|---------------------------|
| | Value (ft) | Condition | Value (ft) | Condition | Value (ft) | Condition | Value (ft) | Condition |
| Current (Aug-Jan) | N/A | N/A | 2.12 | Very Wet | 2.61 | Very Wet | 3.90 | Very Wet |
| Multi Seasonal (Aug-Apr) | N/A | N/A | 2.48 | Wet | 2.87 | Wet | 4.67 | Very Wet |

*Croley's Method Not Produced for This Report

See [Seasonal](#) and [Multi-Seasonal](#) 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:](#)

5009 cfs 14-day running average for Lake Okeechobee Net Inflow through 8/4/2019. According to the classification in [Tributary Hydrologic Conditions](#) table, this condition is Wet.

0.99 for Palmer Index on 8/3/2019.

According to the classification in [Tributary Hydrologic Conditions](#) table, this condition is Normal.

The wetter of the two conditions above is **Wet**.

[LORS2008 Classification Tables:](#)

Lake Okeechobee Stage on 8/5/2019

Lake Okeechobee Stage: **11.92 feet**

[USACE Report for Lake Okeechobee](#)

[Lake Okeechobee Stage Hydrograph](#)

| Lake Okeechobee Management Zone/Band | | Bottom Elevation (feet, NGVD) | Current Lake Stage |
|--------------------------------------|-----------------------|-------------------------------|--------------------|
| High Lake Management Band | | 16.30 | |
| Operational Band | High sub-band | 15.88 | |
| | Intermediate sub-band | 15.46 | |
| | Low sub-band | 13.61 | |
| Base Flow sub-band | | 12.60 | |
| Beneficial Use sub-band | | | ← 11.92 |
| Water Shortage Management Band | | 11.82 | |

Part C of LORS2008: Discharge to WCA's

Lake Okeechobee stage is below the Base-Flow Sub-Band therefore, no releases to the WCAs to manage lake stages

Part D of LORS2008: Discharge to Tidewater

Lake Okeechobee stage is below the Base-Flow Sub-Band therefore, no releases to the St. Lucie or Caloosahatchee Estuaries to manage lake stages.

Adaptive Protocol's Release Guidance: Caloosahatchee Estuary

Release Guidance Flow Chart Outcome: No releases.

[Back to Lake Okeechobee Operations Main Page](#)

[Back to U.S. Army Corps of Engineers LORSS Homepage](#)

LORS2008 Implementation on 08/05/2019 (ENSO El Niño Condition):

Status for week ending 08/05/2019:

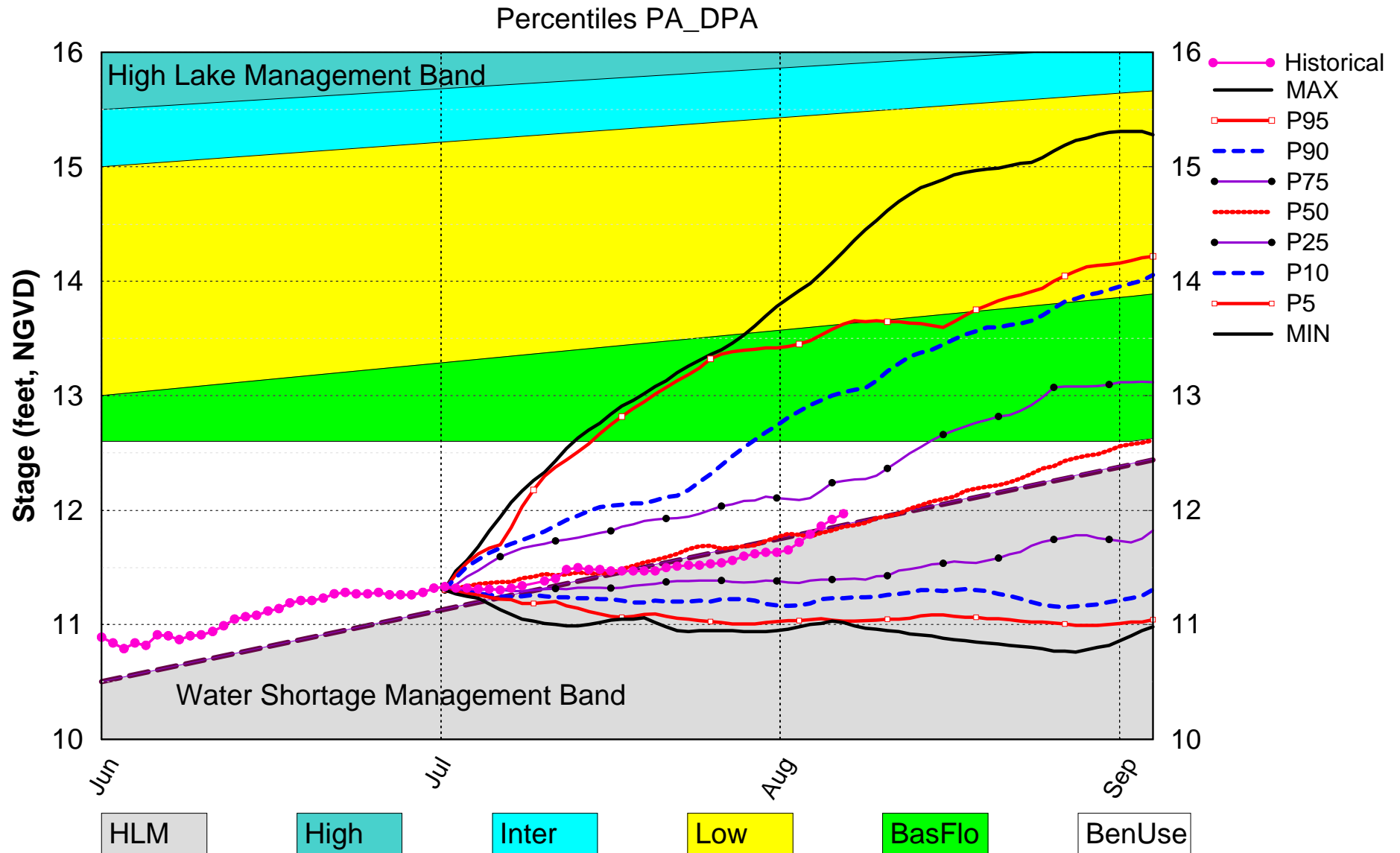
District wide, Raindar rainfall was 2.74 inches for the week. Lake stage on 8/5/2019 was 11.92 ft, NGVD, up 0.30 ft from last week. The updated July 2019 SFWMM Dynamic Position Analysis [percentile graph](#) for Lake Okeechobee show that the current lake stage is in the Beneficial Use Sub-Band. The LORS2008 Tributary Hydrologic Conditions (THC) are classified as **Wet**. The PDI indicates normal conditions and the LONIN is wet. The THC classification is based on the wetter of the two [indices](#).

Water Supply Risk Evaluation

| Area | Indicator | Value | Color Coded Scoring Scheme |
|-------------|---|--------------------------------------|-----------------------------------|
| LOK | Projected LOK Stage for the next two months | Beneficial Use Sub-Band | M |
| | Palmer Index for LOK Tributary Conditions | 0.99 (Normal to Extremely Wet) | L |
| | CPC Precipitation Outlook | 1 month: Above Normal | L |
| | | 3 months: Normal | L |
| | LOK Seasonal Net Inflow Outlook | 2.61 ft | L |
| | ENSO Forecast (positive) | (Normal to Extremely Wet) | |
| | LOK Multi-Seasonal Net Inflow Outlook | 2.87 ft (Normal) | M |
| | ENSO Forecast (positive) | | |
| WCAs | WCA 1: Canal Gauge (Site 1-8C) | Above Line 1 (16.41 ft) | L |
| | WCA 2A: Site 2-17 HW | Above Line 1 (12.20 ft) | L |
| | WCA-3A: 3 Station Average (Site 63, 64, and 65) | Above Line 1 (9.67 ft) | L |
| LEC | Service Area 1 | Year-Round Irrigation Rule in effect | L |
| | 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.

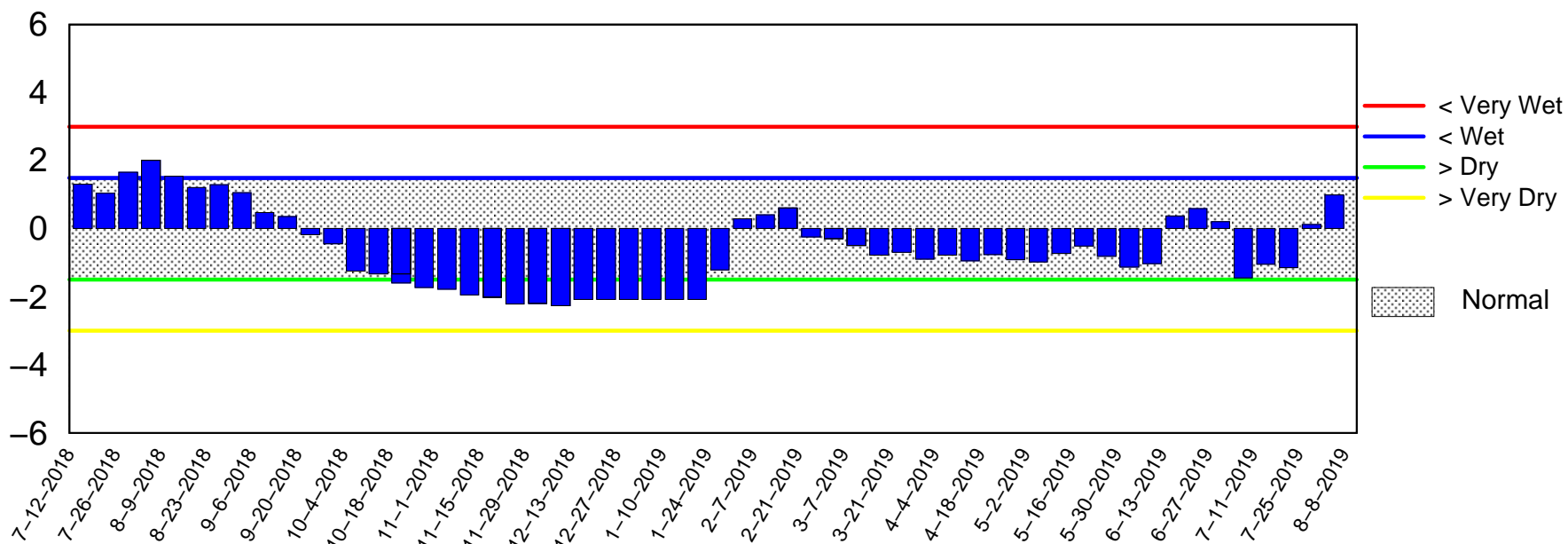
Lake Okeechobee SFWMM July 2019 Position Analysis



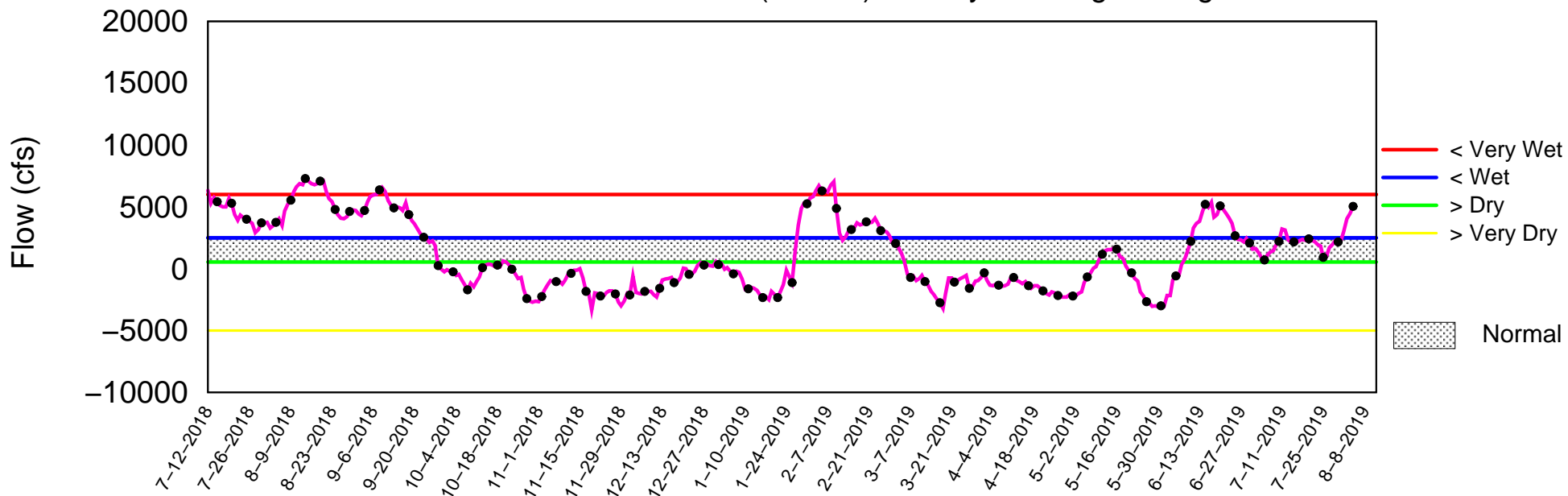
(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of August 5 2019

Palmer Index



Lake Okeechobee Net Inflow (LONIN) 14-day Running Average



Tue Aug 06 03:15:57 EDT 2019

2008 LORS

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

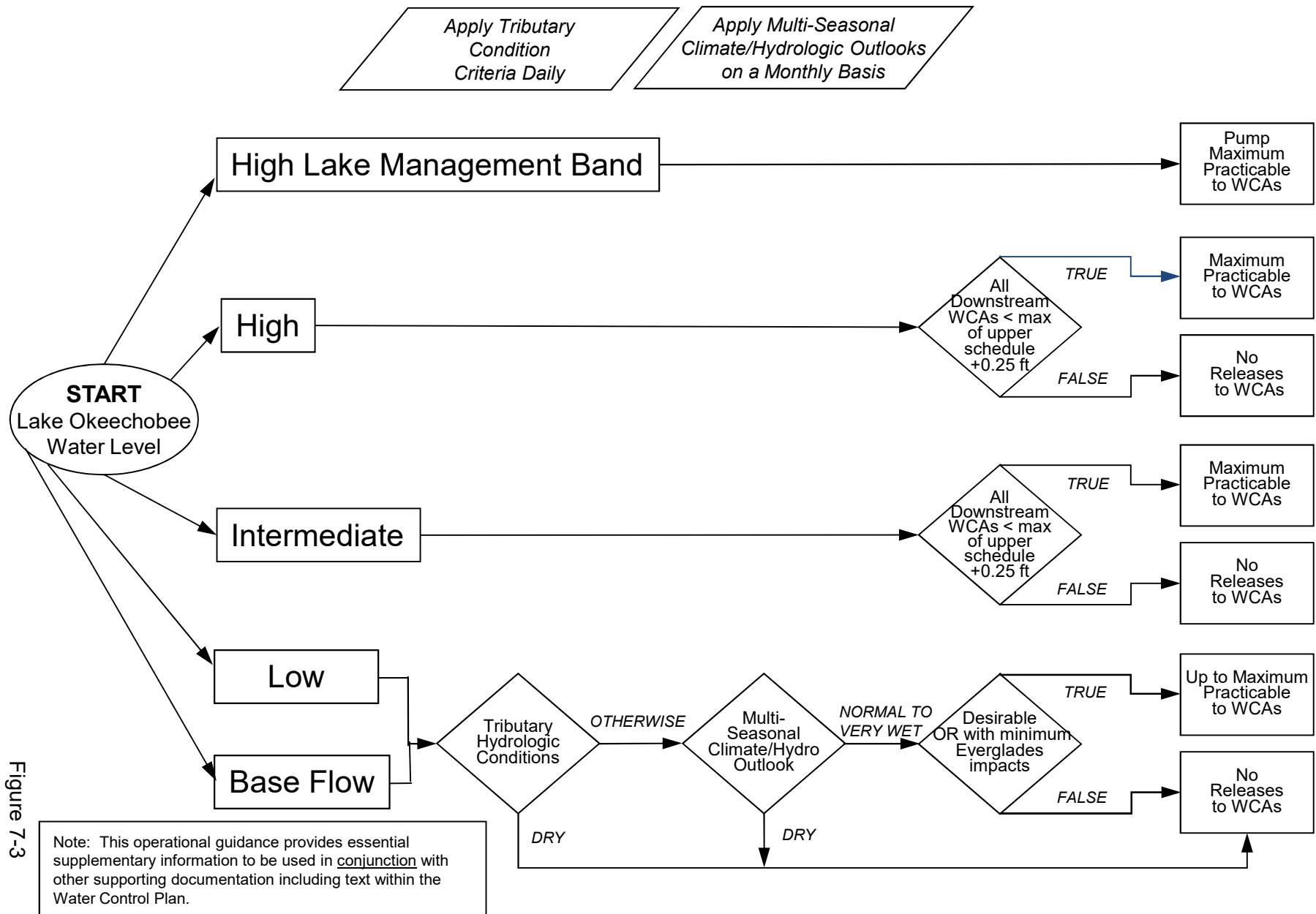


Figure 7-3

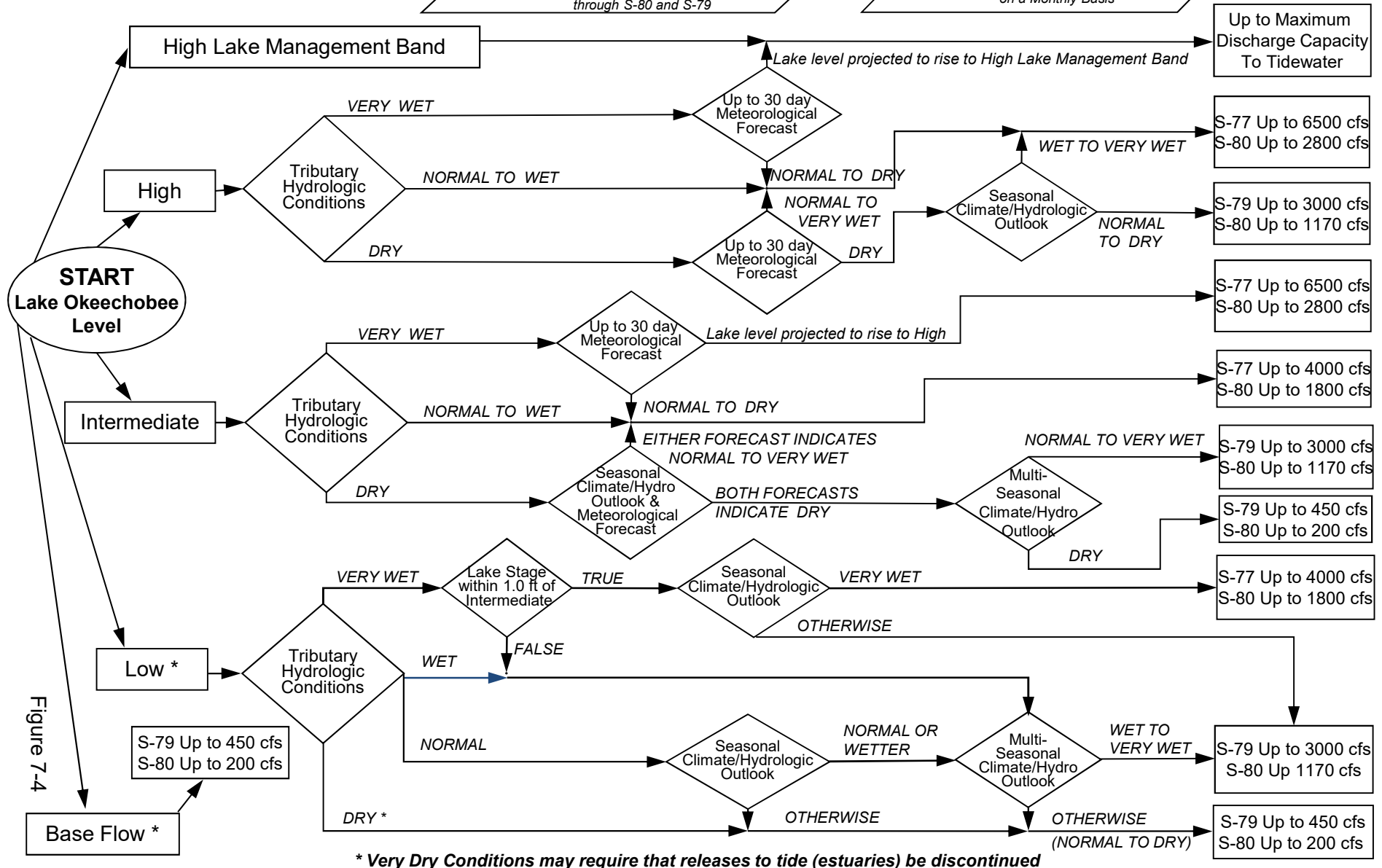
2008 LORS

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

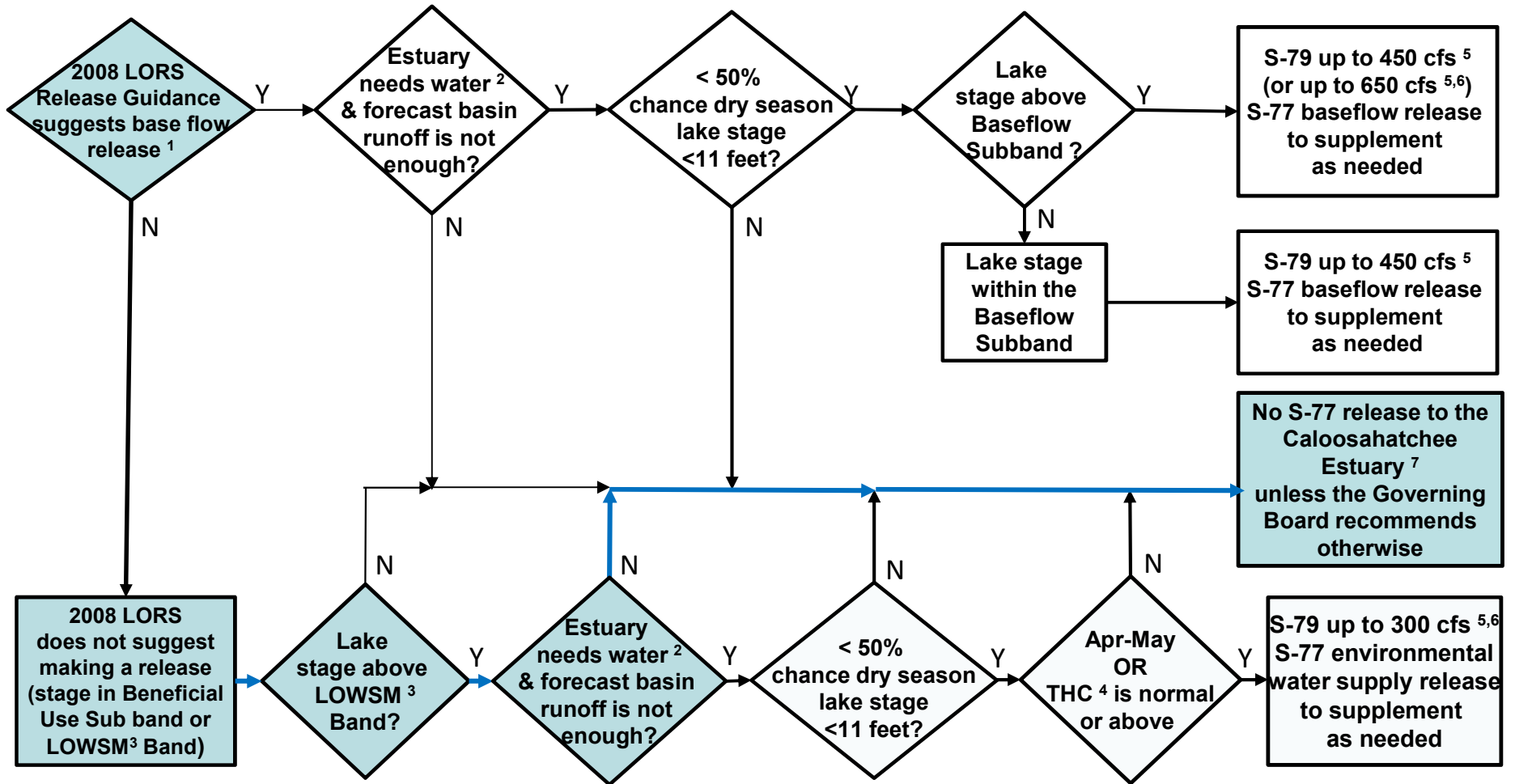
Note: This operational guidance provides essential supplementary information to be used in conjunction with other supporting documentation including text within the Water Control Plan.

When conducting Base Flow releases, flows can be distributed East and West up to 650 cfs as needed to minimize impacts or provide benefits through S-80 and S-79

Apply Meteorological Forecasts on a Weekly Basis; apply Seasonal and Multi-Seasonal Climate/Hydrologic Outlooks on a Monthly Basis



**Flowchart to Guide Recommendations for
Lake Okeechobee Releases to the Caloosahatchee Estuary
for 2008 LORS Baseflow & for Environmental Water Supply (revised 9-Aug-2012)**



¹The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands.

²Estuary “needs” water when the 30-day moving average salinity at I-75 bridge is projected to exceed 5 practical salinity units (psu) within 2 weeks.

³LOWSM = Lake Okeechobee Water Shortage Management.

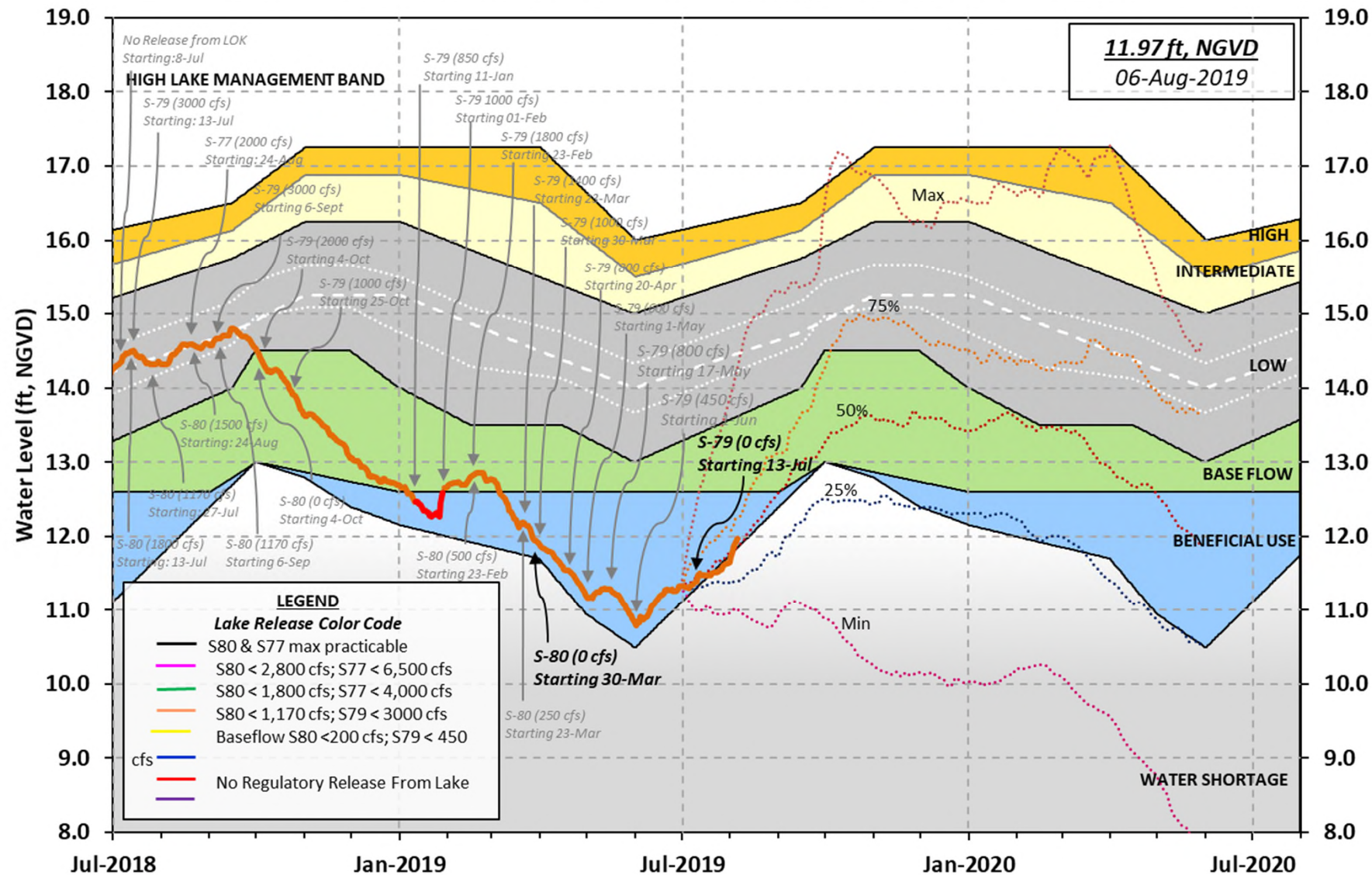
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

⁵Can release less than the “up to” limit if lower release is sufficient to reach or sustain desired estuary salinity; cfs = cubic feet per second.

⁶After reviewing conditions in Water Conservation Areas (WCAs), Stormwater Treatment Areas (STAs), ENP, St. Lucie Estuary and Lake Okeechobee.

⁷Should this condition be reached, the Governing Board will be briefed at their next regularly scheduled meeting as part of the State of the Water Resources agenda item.

Lake Okeechobee Water Level History and Projected Stages



U. S. Army Corps of Engineers, Jacksonville District
Lake Okeechobee and Vicinity Report
** Preliminary Data - Subject to Revision **

Data Ending 2400 hours 04 AUG 2019

| Okeechobee Lake Regulation | Elevation (ft-NGVD) | Last Year (ft-NGVD) | 2YRS Ago (ft-NGVD) |
|--|------------------------|------------------------|-----------------------|
| *Okeechobee Lake Elevation | 11.92 | 14.39 | -NR- (Official Elv) |
| Bottom of High Lake Mngmt= 16.30 Top of Water Short Mngmt= 11.82 | | | |
| Currently in Operational Management Band | | | |

| | |
|--|-------|
| Simulated Average LORS2008 [1965-2000] | 12.74 |
| Difference from Average LORS2008 | -0.82 |

| | |
|--|-------|
| 04AUG (1965-2007) Period of Record Average | 13.81 |
| Difference from POR Average | -1.89 |

Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations

++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 5.86'
++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 4.06'
Bridge Clearance = 49.54'

4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values):

| | | | | | | | |
|-------|-------|-------|-------|-------|------|-------|-------|
| L001 | L005 | L006 | LZ40 | S4 | S352 | S308 | S133 |
| 12.01 | 11.74 | 11.91 | 11.93 | 11.87 | -NR- | 11.96 | 12.00 |

*Combination Okeechobee Avg-Daily Lake Average = 11.92
(*See Note)

Okeechobee Inflows (cfs):

| | | | | | |
|----------------|------|------------|-----|---------------|-----|
| S65E | 1377 | S65EX1 | 576 | Fisheating Cr | 572 |
| S154 | 32 | S191 | 196 | S135 Pumps | 37 |
| S84 | 1205 | S133 Pumps | 168 | S2 Pumps | 0 |
| S84X | 0 | S127 Pumps | 14 | S3 Pumps | 0 |
| S71 | 272 | S129 Pumps | 18 | S4 Pumps | 0 |
| S72 | 0 | S131 Pumps | 29 | C5 | 0 |
| Total Inflows: | 4497 | | | | |

Okeechobee Outflows (cfs):

| | | | | | |
|---------------|---|-------------|------|------|------|
| S135 Culverts | 0 | S354 | 0 | S77 | 0 |
| S127 Culverts | 0 | S351 | 0 | S308 | -860 |
| S129 Culverts | 0 | S352 | 0 | | |
| S131 Culverts | 0 | L8 Canal Pt | -185 | | |

| | Headwater | Tailwater | | Gate Positions | | | | | | |
|------------------------|-----------|-----------|-------|----------------|------|------|------|------|------|-------|
| | Elevation | Elevation | Disch | #1 | #2 | #3 | #4 | #5 | #6 | #7 |
| (ft) | (ft-msl) | (ft-msl) | (cfs) | (ft) | (ft) | (ft) | (ft) | (ft) | (ft) | (ft) |
| (I) see note at bottom | | | | | | | | | | |
| North East Shore | | | | | | | | | | |
| S133 Pumps: | 13.49 | 12.05 | 168 | -NR- | 0 | -NR- | -NR- | -NR- | | (cfs) |
| S193: | | | | | | | | | | |
| S191: | 18.72 | 12.07 | 196 | 0.1 | 0.2 | 0.1 | | | | |
| S135 Pumps: | 13.29 | 11.99 | 37 | -NR- | 0 | 0 | 0 | | | (cfs) |
| S135 Culverts: | | | 0 | 0.0 | 0.0 | | | | | |
| North West Shore | | | | | | | | | | |
| S65E: | 21.00 | 11.87 | 1377 | 1.0 | 1.0 | 0.5 | 0.5 | 1.0 | 0.5 | |
| S65EX1: | 21.00 | 11.87 | 576 | | | | | | | |
| S127 Pumps: | 13.31 | 11.98 | 14 | 0 | 0 | 0 | 0 | 0 | | (cfs) |
| S127 Culvert: | | | 0 | 0.0 | | | | | | |
| S129 Pumps: | 12.79 | 12.93 | 18 | 0 | 19 | 0 | | | | (cfs) |
| S129 Culvert: | | | 0 | 0.0 | | | | | | |
| S131 Pumps: | 12.91 | 12.67 | 29 | 22 | 0 | | | | | (cfs) |
| S131 Culvert: | | | 0 | | | | | | | |
| Fisheating Creek | | | | | | | | | | |
| nr Palmdale | | 32.54 | 572 | | | | | | | |
| nr Lakeport | | | | | | | | | | |
| C5: | | -NR- | 0 | -NR- | -NR- | -NR- | | | | |
| South Shore | | | | | | | | | | |
| S4 Pumps: | 12.08 | 11.88 | 0 | 0 | 0 | 0 | | | | (cfs) |
| S169: | 11.94 | 11.98 | -179 | 5.0 | 4.9 | 4.9 | | | | |

| | | | | | | | | | |
|-------------|-------|-------|------|------|------|------|------|-----|-------|
| S310: | 11.76 | | -259 | | | | | | |
| S3 Pumps: | 11.15 | 11.91 | 0 | 0 | 0 | 0 | | | (cfs) |
| S354: | 11.91 | 11.15 | 0 | 0.0 | 0.0 | | | | |
| S2 Pumps: | 10.47 | -NR- | 0 | -NR- | -NR- | -NR- | -NR- | | (cfs) |
| S351: | -NR- | 10.47 | 0 | 0.0 | 0.0 | 0.0 | | | |
| S352: | | 10.83 | 0 | 0.0 | 0.0 | | | | |
| C10A: | -NR- | 12.38 | | 8.0 | 8.0 | 8.0 | 0.0 | 0.0 | |
| L8 Canal PT | | 12.19 | -185 | | | | | | |

S351 and S352 Temporary Pumps/S354 Spillway

| | | | | | | | | | |
|-------|-------|-------|---|------|------|------|------|------|------|
| S351: | 10.47 | -NR- | 0 | -NR- | -NR- | -NR- | -NR- | -NR- | -NR- |
| S352: | 10.83 | | 0 | -NR- | -NR- | -NR- | -NR- | | |
| S354: | 11.15 | 11.91 | 0 | -NR- | -NR- | -NR- | -NR- | | |

Caloosahatchee River (S77, S78, S79)

| | | | | | |
|-------|-------|-------|----|-----|-----|
| S47B: | 12.48 | 13.53 | | 0.0 | 0.0 |
| S47D: | 12.71 | 11.24 | 45 | 0.0 | |

S77:

Spillway and Sector Preferred Flow:

| | | | | | | | |
|------------------------|-------|-------|---|-----|-----|-----|-----|
| | 11.67 | 11.13 | 0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Flow Due to Lockages+: | | | 0 | | | | |

S78:

Spillway and Sector Flow:

| | | | | | | | |
|------------------------|-------|------|------|-----|-----|-----|-----|
| | 11.02 | 3.08 | 1189 | 1.5 | 2.5 | 0.0 | 0.0 |
| Flow Due to Lockages+: | | | 5 | | | | |

S79:

Spillway and Sector Flow:

| | | | | | | | | | |
|--------------------------|------|-------|------|-----|-----|-----|-----|-----|-----|
| | 3.23 | 1.90 | 3784 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 2.0 | | | | | | | | | |
| Flow Due to Lockages+: | | | 2 | | | | | | |
| Percent of flow from S77 | | | 0% | | | | | | |
| Chloride | | (ppm) | 50 | | | | | | |

St. Lucie Canal (S308, S80)

S308:

Spillway and Sector Preferred Flow:

| | | | | | | | |
|------------------------|-------|-------|------|-----|-----|-----|-----|
| | 11.98 | 13.96 | -857 | 0.0 | 0.0 | 0.0 | 0.0 |
| Flow Due to Lockages+: | | | -3 | | | | |

| | | | | | |
|-------|-------|-------|----|-----|-----|
| S153: | 18.75 | 13.74 | 46 | 0.0 | 0.0 |
|-------|-------|-------|----|-----|-----|

S80:

Spillway and Sector Flow:

| | | | | | | | | | |
|---------------------------|-------|------|----|-----|-----|-----|-----|-----|-----|
| | 13.98 | 1.54 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Flow Due to Lockages+: | | | 9 | | | | | | |
| Percent of flow from S308 | | | NA | % | | | | | |

Steele Point Top Salinity (mg/ml) ****
Steele Point Bottom Salinity (mg/ml) ****

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

| | | | | | |
|---------------------------------------|----------|----------|----------|-----------|------|
| ----- Wind ----- | | | | | |
| Daily Precipitation Totals | 1-Day | 3-Day | 7-Day | Direction | |
| 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: | 30.00 | 31.43 | 34.87 | 195 | 4 |
| S78: | 17.77 | 18.17 | 18.69 | 224 | 2 |
| S79: | 24.64 | 25.51 | 25.85 | 89 | 3 |
| 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: | 22.27 | 23.40 | 24.85 | 138 | 5 |
| S80: | 17.87 | 19.46 | 20.21 | 216 | 2 |
| Okeechobee Average | 26.14 | 4.22 | 4.59 | | |
| (Sites S78, S79 and S80 not included) | | | | | |
| Oke Nexrad Basin Avg | -NR- | 0.00 | 0.00 | | |

| | | | |
|----------------------------|-------------|-------|-----------------|
| Okeechobee Lake Elevations | 04 AUG 2019 | 11.92 | Difference from |
| 04AUG19 | | | |
| 04AUG19 -1 Day = | 03 AUG 2019 | 11.86 | -0.06 |
| 04AUG19 -2 Days = | 02 AUG 2019 | 11.79 | -0.13 |
| 04AUG19 -3 Days = | 01 AUG 2019 | 11.72 | -0.20 |
| 04AUG19 -4 Days = | 31 JUL 2019 | 11.65 | -0.27 |
| 04AUG19 -5 Days = | 30 JUL 2019 | 11.63 | -0.29 |
| 04AUG19 -6 Days = | 29 JUL 2019 | 11.63 | -0.29 |
| 04AUG19 -7 Days = | 28 JUL 2019 | 11.62 | -0.30 |
| 04AUG19 -30 Days = | 05 JUL 2019 | 11.30 | -0.62 |
| 04AUG19 -1 Year = | 04 AUG 2018 | 14.39 | 2.47 |
| 04AUG19 -2 Year = | 04 AUG 2017 | -NR- | -NR- |

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 4.52

Lake Okeechobee Net Inflow (LONIN)

| Average Flow over the previous 14 days | | | | | Avg-Daily Flow |
|--|------------|-------------|------|-----|----------------|
| 04AUG19 | Today = | 04 AUG 2019 | 5272 | MON | 10688 |
| 04AUG19 | -1 Day = | 03 AUG 2019 | 4643 | SUN | 12403 |
| 04AUG19 | -2 Days = | 02 AUG 2019 | 4150 | SAT | 12705 |
| 04AUG19 | -3 Days = | 01 AUG 2019 | 3248 | FRI | 12453 |
| 04AUG19 | -4 Days = | 31 JUL 2019 | 2389 | THU | 3529 |
| 04AUG19 | -5 Days = | 30 JUL 2019 | 2239 | WED | 0 |
| 04AUG19 | -6 Days = | 29 JUL 2019 | 2253 | TUE | 1765 |
| 04AUG19 | -7 Days = | 28 JUL 2019 | 1997 | MON | 3529 |
| 04AUG19 | -8 Days = | 27 JUL 2019 | 1745 | SUN | 7330 |
| 04AUG19 | -9 Days = | 26 JUL 2019 | 962 | SAT | 3709 |
| 04AUG19 | -10 Days = | 25 JUL 2019 | 957 | FRI | 1887 |
| 04AUG19 | -11 Days = | 24 JUL 2019 | 1859 | THU | 1893 |
| 04AUG19 | -12 Days = | 23 JUL 2019 | 1976 | WED | 49 |
| 04AUG19 | -13 Days = | 22 JUL 2019 | 2224 | TUE | 1866 |

| S65E Average Flow over previous 14 days | | | | | Avg-Daily Flow |
|--|------------|-------------|-----|-----|----------------|
| 04AUG19 | Today= | 04 AUG 2019 | 925 | MON | 1568 |
| 04AUG19 | -1 Day = | 03 AUG 2019 | 861 | SUN | 1384 |
| 04AUG19 | -2 Days = | 02 AUG 2019 | 816 | SAT | 1299 |
| 04AUG19 | -3 Days = | 01 AUG 2019 | 778 | FRI | 1017 |
| 04AUG19 | -4 Days = | 31 JUL 2019 | 759 | THU | 744 |
| 04AUG19 | -5 Days = | 30 JUL 2019 | 762 | WED | 758 |
| 04AUG19 | -6 Days = | 29 JUL 2019 | 777 | TUE | 837 |
| 04AUG19 | -7 Days = | 28 JUL 2019 | 784 | MON | 766 |
| 04AUG19 | -8 Days = | 27 JUL 2019 | 795 | SUN | 788 |
| 04AUG19 | -9 Days = | 26 JUL 2019 | 793 | SAT | 744 |
| 04AUG19 | -10 Days = | 25 JUL 2019 | 802 | FRI | 756 |
| 04AUG19 | -11 Days = | 24 JUL 2019 | 803 | THU | 760 |
| 04AUG19 | -12 Days = | 23 JUL 2019 | 809 | WED | 766 |
| 04AUG19 | -13 Days = | 22 JUL 2019 | 794 | TUE | 759 |

| S65EX1 Average Flow over previous 14 days | | | | | Avg-Daily Flow |
|--|------------|-------------|-----|-----|----------------|
| 04AUG19 | Today= | 04 AUG 2019 | 576 | MON | 576 |
| 04AUG19 | -1 Day = | 03 AUG 2019 | 577 | SUN | 523 |
| 04AUG19 | -2 Days = | 02 AUG 2019 | 588 | SAT | 462 |
| 04AUG19 | -3 Days = | 01 AUG 2019 | 603 | FRI | 653 |
| 04AUG19 | -4 Days = | 31 JUL 2019 | 604 | THU | 661 |
| 04AUG19 | -5 Days = | 30 JUL 2019 | 592 | WED | 489 |
| 04AUG19 | -6 Days = | 29 JUL 2019 | 587 | TUE | 518 |
| 04AUG19 | -7 Days = | 28 JUL 2019 | 576 | MON | 444 |
| 04AUG19 | -8 Days = | 27 JUL 2019 | 572 | SUN | 471 |
| 04AUG19 | -9 Days = | 26 JUL 2019 | 559 | SAT | 584 |
| 04AUG19 | -10 Days = | 25 JUL 2019 | 540 | FRI | 666 |
| 04AUG19 | -11 Days = | 24 JUL 2019 | 508 | THU | 670 |
| 04AUG19 | -12 Days = | 23 JUL 2019 | 482 | WED | 675 |
| 04AUG19 | -13 Days = | 22 JUL 2019 | 454 | TUE | 675 |

Lake Okeechobee Outlets Last 14 Days

| | | S-77 | Below S-77 | S-78 | S-79 |
|-------------|--|-----------|------------|-----------|-----------|
| | | Discharge | Discharge | Discharge | Discharge |
| | | (ALL DAY) | (ALL-DAY) | (ALL DAY) | (ALL DAY) |
| DATE | | (AC-FT) | (AC-FT) | (AC-FT) | (AC-FT) |
| 04 AUG 2019 | | 1 | 63 | 2366 | 7444 |
| 03 AUG 2019 | | 1 | 115 | 2829 | 8184 |
| 02 AUG 2019 | | 1 | 191 | 3171 | 10141 |
| 01 AUG 2019 | | 1 | 72 | 2079 | 4524 |
| 31 JUL 2019 | | 0 | 27 | 2019 | 5342 |
| 30 JUL 2019 | | 0 | 43 | 1439 | 4478 |
| 29 JUL 2019 | | 1 | 3 | 1031 | 3590 |
| 28 JUL 2019 | | 1 | 102 | 1479 | 3636 |
| 27 JUL 2019 | | 133 | 524 | 1487 | 3644 |
| 26 JUL 2019 | | 141 | 436 | 1472 | 4231 |
| 25 JUL 2019 | | 135 | 259 | 1459 | 4228 |
| 24 JUL 2019 | | 140 | 162 | 1720 | 4352 |
| 23 JUL 2019 | | 90 | 284 | 2041 | 5535 |
| 22 JUL 2019 | | 98 | 126 | 1239 | 3632 |

| | | 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) |
| 04 AUG 2019 | | -514 | 0 | 0 | 0 | -367 |
| 03 AUG 2019 | | -614 | 0 | 0 | 0 | -446 |
| 02 AUG 2019 | | -629 | 0 | 0 | 0 | -434 |
| 01 AUG 2019 | | -497 | 0 | 0 | 0 | -67 |
| 31 JUL 2019 | | -268 | 0 | 0 | 0 | -4 |
| 30 JUL 2019 | | -143 | 0 | 0 | 0 | -27 |
| 29 JUL 2019 | | -223 | 0 | 0 | 0 | -66 |
| 28 JUL 2019 | | -305 | 0 | 0 | 0 | -61 |
| 27 JUL 2019 | | -330 | 0 | 0 | 0 | -59 |
| 26 JUL 2019 | | -62 | 0 | 0 | 0 | -74 |
| 25 JUL 2019 | | 20 | 0 | 0 | 0 | -125 |
| 24 JUL 2019 | | -46 | 0 | 0 | 0 | -144 |
| 23 JUL 2019 | | -292 | 0 | 0 | 0 | -333 |
| 22 JUL 2019 | | -94 | 0 | 0 | 0 | -169 |

| | | S-308 | Below S-308 | S-80 |
|-------------|--|-----------|-------------|-----------|
| | | Discharge | Discharge | Discharge |
| | | (ALL DAY) | (ALL-DAY) | (ALL-DAY) |
| DATE | | (AC-FT) | (AC-FT) | (AC-FT) |
| 04 AUG 2019 | | -2948 | -1699 | 18 |
| 03 AUG 2019 | | -1546 | -892 | 18 |
| 02 AUG 2019 | | -708 | -608 | 15 |
| 01 AUG 2019 | | -909 | -543 | 33 |
| 31 JUL 2019 | | -8 | 39 | 36 |
| 30 JUL 2019 | | -2284 | -1175 | 18 |
| 29 JUL 2019 | | -5 | -21 | 740 |
| 28 JUL 2019 | | -3 | -17 | 2482 |
| 27 JUL 2019 | | -5 | 111 | 1770 |
| 26 JUL 2019 | | -6 | 4 | 34 |
| 25 JUL 2019 | | -9 | 195 | 30 |
| 24 JUL 2019 | | -4 | -130 | 526 |
| 23 JUL 2019 | | -7 | -438 | 1282 |

22 JUL 2019 -4 -1 19

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

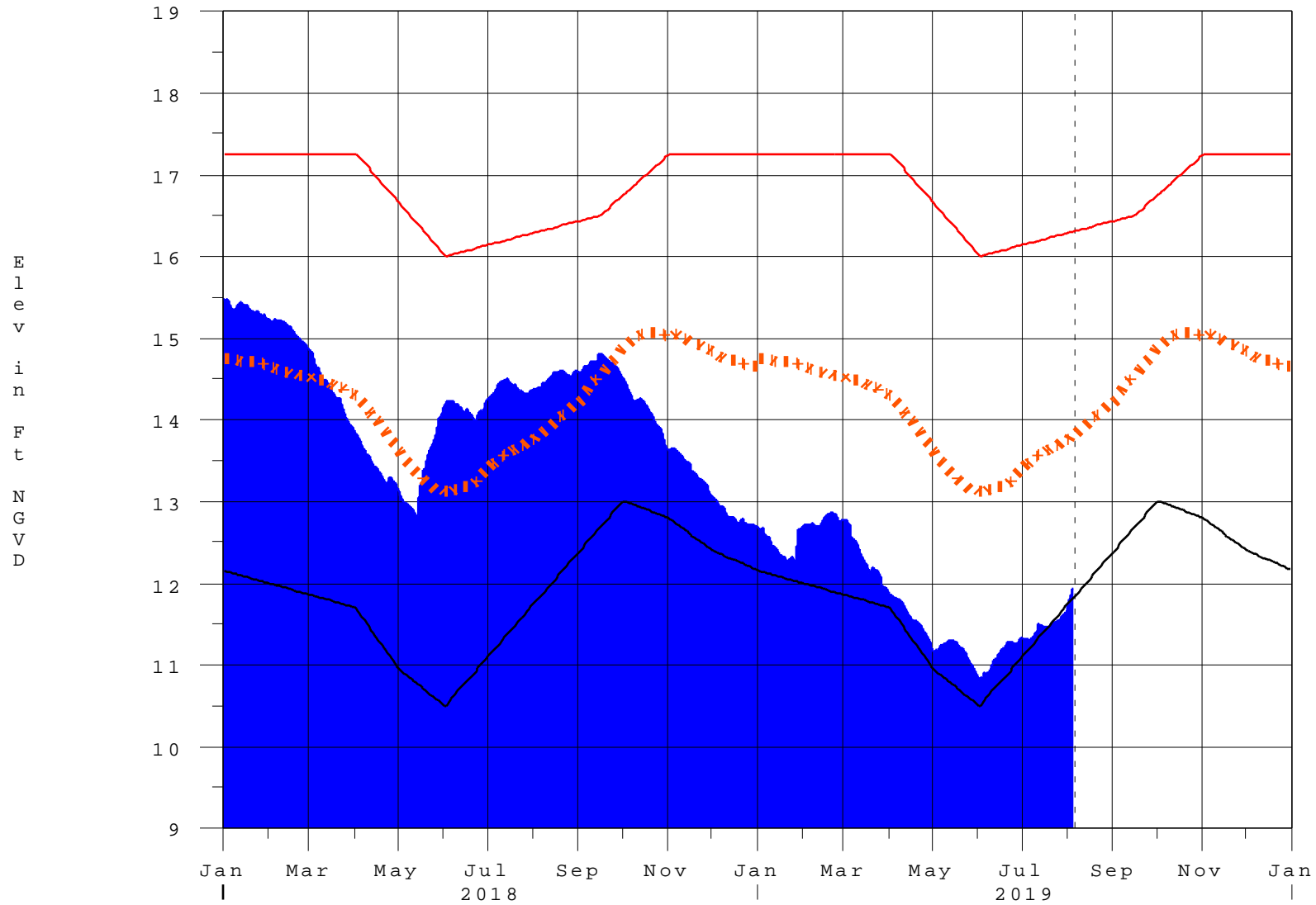
—
(I) - Flows preceded by "I" signify an instantaneous
 flow computed from the single value reported for the day

—
* 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 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 05AUG2019 @ 23:39 ** Preliminary Data - Subject to Revision
**

Lake Okeechobee

05AUG19 23:45:24



- High Lake Management
- Okeechobee Avg Elev
- Average Elev [1965-2007]
- Water Shortage Management

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 Classification* | Palmer Index Class Limits | 2-wk Mean L.O. Net Inflow Class Limits |
|--------------------------------------|---------------------------|--|
| Very Wet | 3.0 or greater | Greater \geq 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 [million acre-feet] | Equivalent Depth** [feet] | Lake Okeechobee 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 [million acre-feet] | Equivalent Depth** [feet] | Lake Okeechobee 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