# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 06/13/2022 (ENSO Condition: La Niña)

### Lake Okeechobee Net Inflow Outlook:

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method<sup>1</sup>, the SFWMD empirical method<sup>2</sup>, a sub-sampling of La Nina years<sup>3</sup> and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with La Nina ENSO years<sup>4</sup>. 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                         | Croley's Method <sup>1*</sup> |                  | SFWMD<br>Empirical<br>Method <sup>2</sup> |                  | Sub-sampling of<br>La Nina ENSO<br>Years <sup>3</sup> |           | Sub-sampling of<br>AMO Warm + La<br>Nina ENSO<br>Years <sup>4</sup> |                  |
|--------------------------------|-------------------------------|------------------|---|------------------|---|-----------|---|------------------|
|                                | Value<br>(ft)                 | <u>Condition</u> | Value<br>(ft)                             | <u>Condition</u> | Value<br>(ft)   | Condition | Value<br>(ft)   | <u>Condition</u> |
| Current<br>(Jun-Nov)           | N/A                           | N/A              | 2.98                                      | Very Wet         | 2.85  | Very Wet  | 2.69  | Very Wet         |
| Multi<br>Seasonal<br>(Jun-Apr) | N/A                           | N/A              | 3.41                                      | Wet              | 2.97  | Wet       | 2.33  | Normal           |

\*Croley's Method Not Produced for This Report

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

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

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

### Tributary Hydrologic Conditions Graph:

**5750 cfs** 14-day running average for Lake Okeechobee Net Inflow through 06/13/2022. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is wet.

-2.47 for Palmer Drought Index on 06/06/2022.

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

The wetter of the two conditions above is Wet.

### LORS2008 Classification Tables:

#### Lake Okeechobee Stage on 06/13/2022:

Lake Okeechobee Stage: 13.02 feet

|                     | ee Management<br>/Band   | Bottom Elevation<br>(feet, NGVD) | Current Lake<br>Stage |
|---------------------|--------------------------|----------------------------------|-----------------------|
| High Lake Manage    | ement Band               | 16.05                            |                       |
|                     | High sub-band            | 15.57                            |                       |
| Operational<br>Band | Intermediate<br>sub-band | 15.08                            |                       |
|                     | Low sub-band             | 13.11                            |                       |
| Base Flow sub-ba    | nd                       | 12.60                            | ← 13.02 ft            |
| Beneficial Use sub  | o-band                   | 11.45                            |                       |
| Water Shortage M    | lanagement Band          | 10.73                            |                       |

#### Part C of LORS2008: Discharge to WCAs

Up to Maximum Practicable to the WCAs if desirable or with minimum Everglades impact; otherwise no releases to WCAs.

#### Part D of LORS2008: Discharge to Tide

Up to 450 cfs at S-79 and up to 200 cfs at S-80.

#### Lake Okeechobee Releases to the Caloosahatchee Estuary for 2008 LORS Baseflow & for Environmental Water Supply

Guidance for Lake Okeechobee Releases to the Caloosahatchee Estuary indicates no S77 release to the Caloosahatchee Estuary unless the Governing Board recommends otherwise.

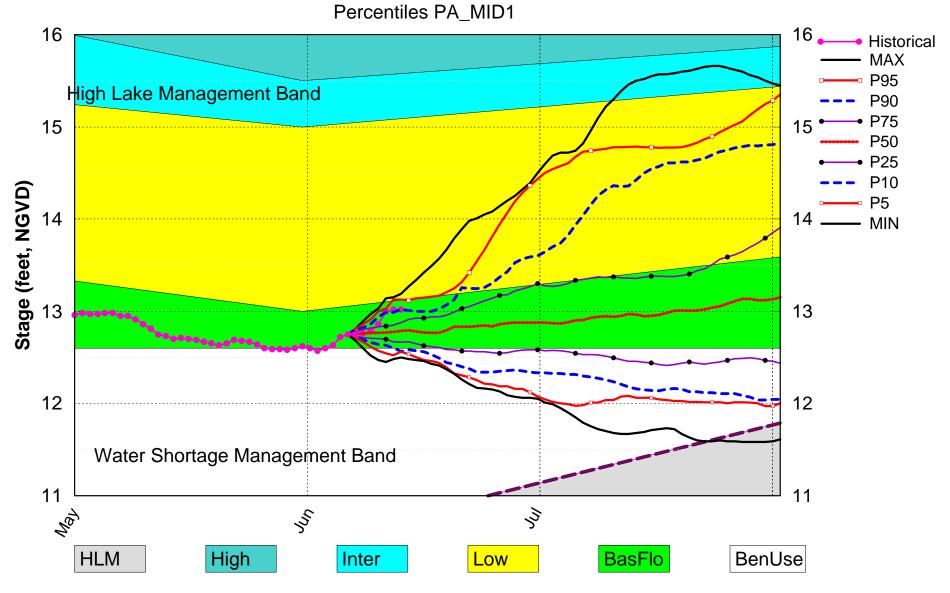
## LORS2008 Implementation on 06/13/2022 (ENSO Condition- La Nina Watch): Status for week ending 06/13/2022:

#### Water Supply Risk Evaluation

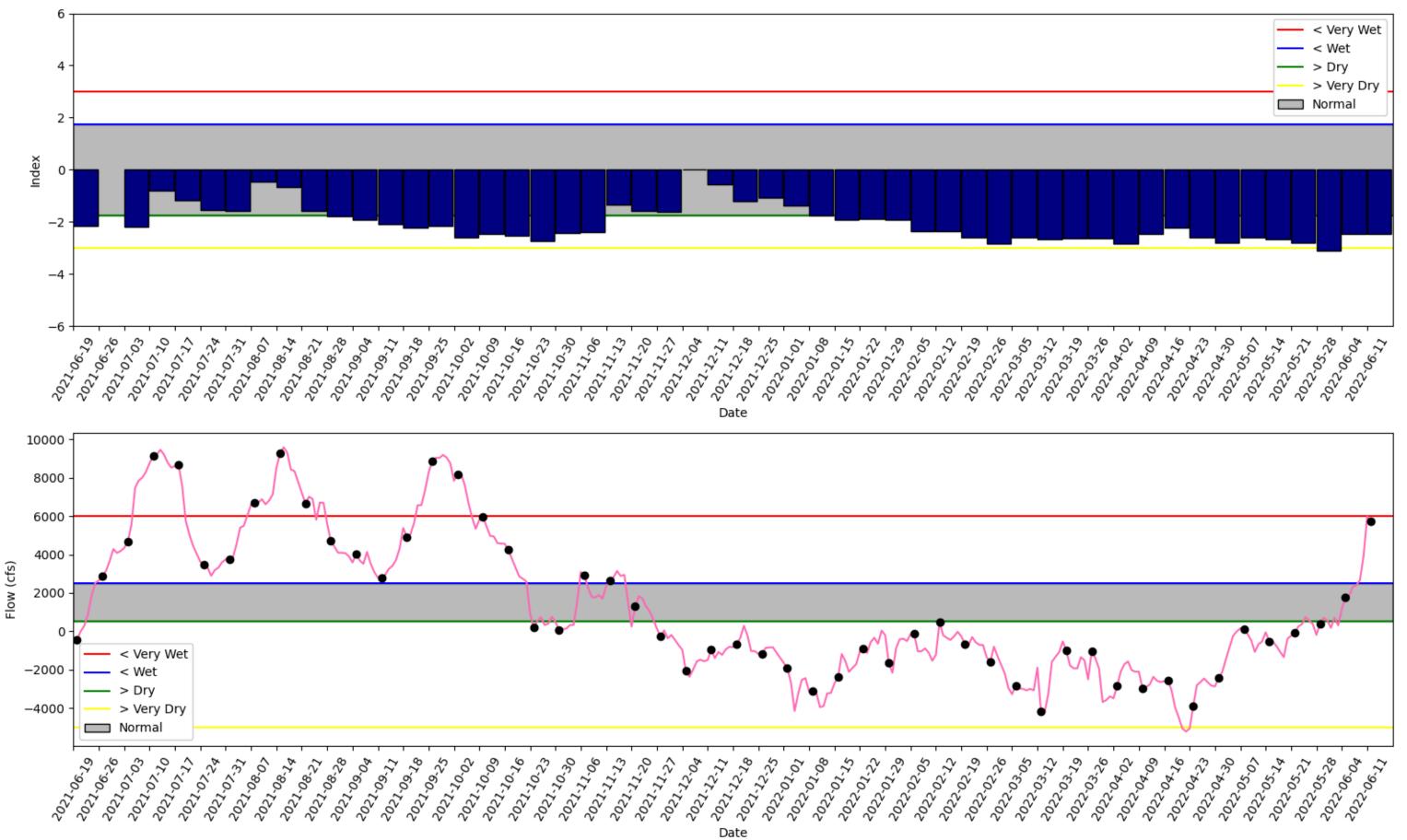
| Area | Indicator  | Value                                   | Color Coded<br>Scoring Scheme |  |
|------|--|---|-------------------------------|--|
|      | Projected LOK Stage for the next two months          | Base Flow                               | М                             |  |
|      | Palmer Drought Index for LOK<br>Tributary Conditions | -2.47<br>(Extremely Dry)                | Н                             |  |
|      | CPC Precipitation Outlook                            | 1 month: Above Normal                   | L                             |  |
| LOK  | CPC Precipitation Outlook                            | 3 months: Normal                        | L                             |  |
|      | LOK Seasonal Net Inflow Outlook                      | 2.85 ft                                 |                               |  |
|      | ENSO Forecast  | Normal to extremely wet                 | L.                            |  |
|      | LOK Multi-Seasonal Net Inflow Outlook                | 2.97 ft                                 | М                             |  |
|      | ENSO Forecast  | Normal                                  | IVI                           |  |
|      | WCA 1: Site 1-8C                                     | Above Line 1 (16.67 ft)                 | L                             |  |
| WCAs | WCA 2A: Site 2-17                                    | Above Line 1 (12.94 ft)                 | L                             |  |
|      | WCA-3A: 3 Station Average<br>(Sites 63, 64, and 65)  | Above Line 1 (9.55 ft)                  | L                             |  |
|      | Service Area 1                                       | Year-Round Irrigation Rule<br>in effect | L                             |  |
| LEC  | Service Area 2                                       | Year-Round Irrigation Rule<br>in effect | L                             |  |
|      | Service Area 3                                       | Year-Round Irrigation Rule<br>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 June 2022 Position Analysis



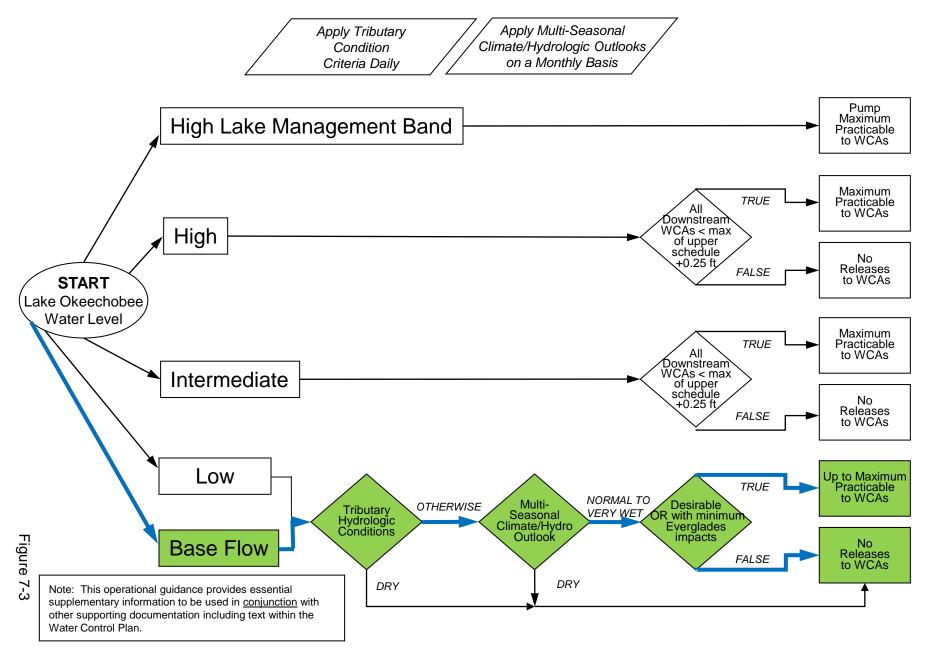
(See assumptions on the Position Analysis Results website)



Tributary Basin Condition Indicators as of June 12 2022

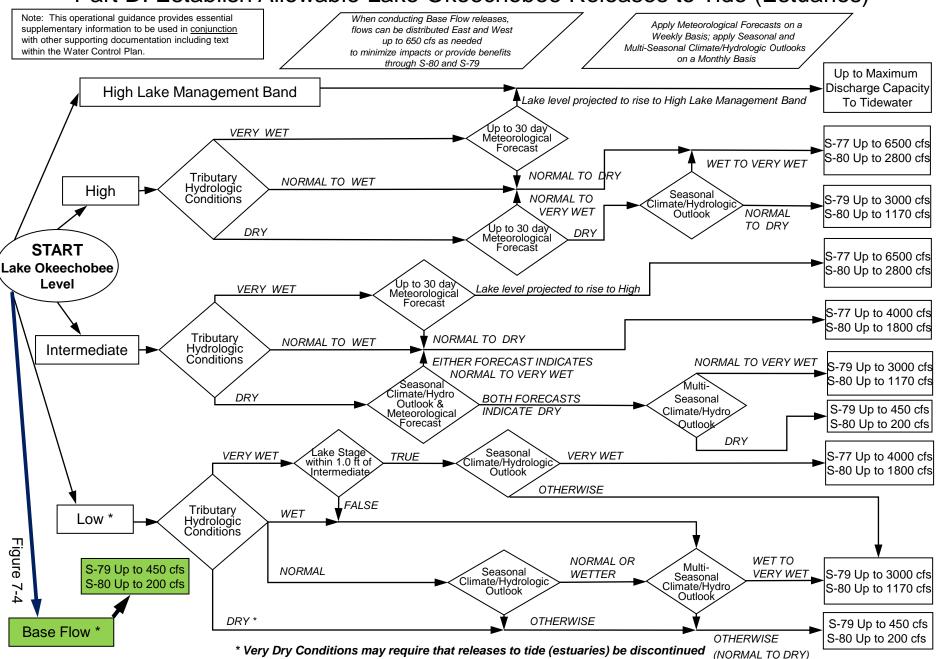
### 2008 LORS

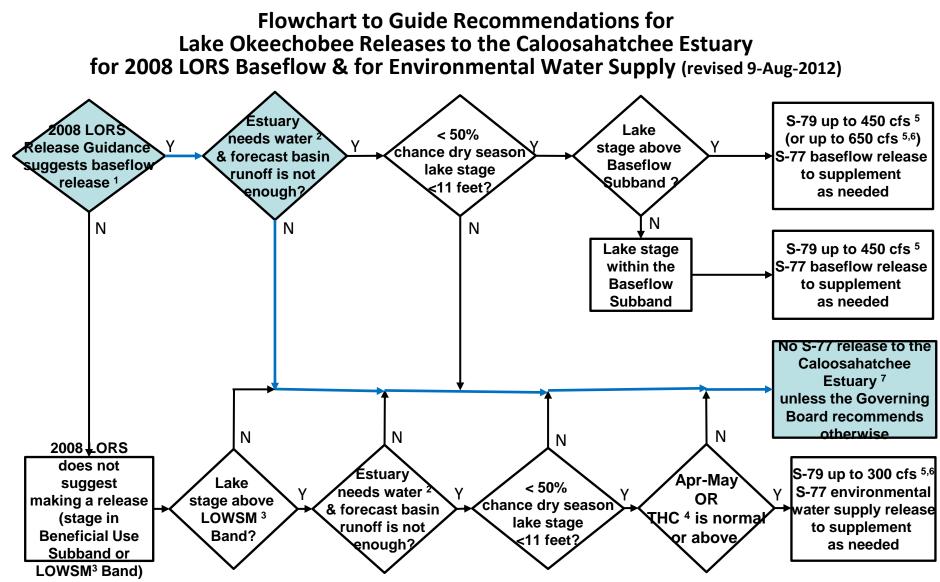
### Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



### 2008 LORS

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





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

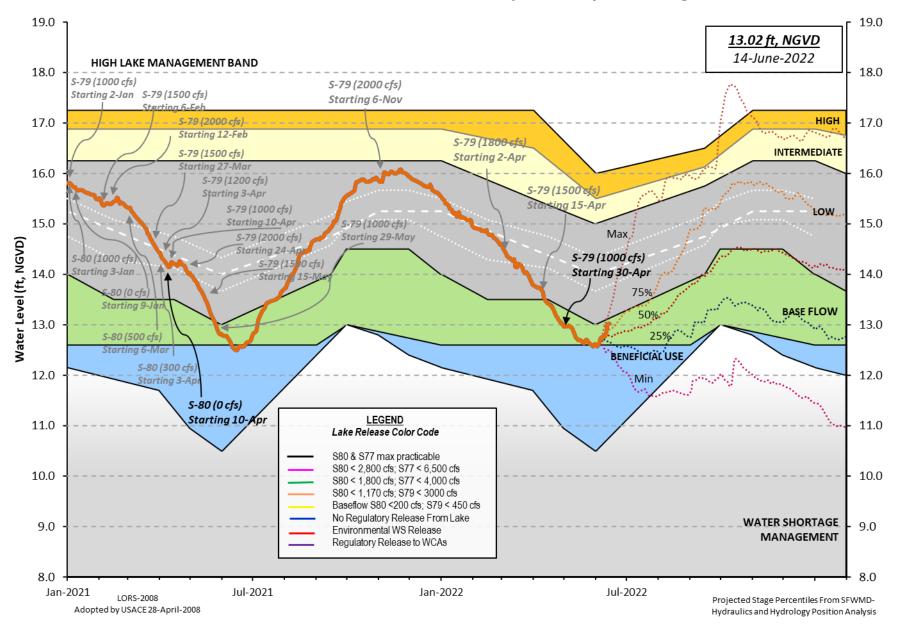
<sup>2</sup>Estuary "needs" water when the 30-day moving average salinity at I-75 bridge is projected to exceed 5 practical salinity units (psu) within 2 weeks.

<sup>3</sup>LOWSM = Lake Okeechobee Water Shortage Management.

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

<sup>5</sup>Can release less than the "up to" limit if lower release is sufficient to reach or sustain desired estuary salinity; cfs = cubic feet per second.

<sup>6</sup>After reviewing conditions in Water Conservation Areas (WCAs), Stormwater Treatment Areas (STAs), ENP, St. Lucie Estuary and Lake Okeechobee. <sup>7</sup>Should this condition be reached, the Governing Board will be briefed at their next regularly scheduled meeting as part of the State of the Water Besources 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 12 JUN 2022 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) \*Okeechobee Lake Elevation 13.02 12.54 12.19 (Official Elv) Bottom of High Lake Mngmt= 16.05 Top of Water Short Mngmt= 10.73 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 12.02 Difference from Average LORS2008 1.00 12JUN (1965-2007) Period of Record Average 13.18 Difference from POR Average -0.16 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 6.96' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 5.16' Bridge Clearance = 49.39' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 13.05 12.99 13.00 13.00 12.92 13.11 13.02 13.05 \*Combination Okeechobee Avg-Daily Lake Average = 13.02 (\*See Note) Okeechobee Inflows (cfs): 0 Fisheating Cr 0 S135 Pumps 27 S2 Pumps 0 S3 Pumps S65EX1 34 S65E 340 S191 S154 0 151 0 S84 1 S133 Pumps S84X 0 S127 Pumps 0 S129 Pumps 36 S71 415 S4 Pumps 0 S131 Pumps 35 S72 236 C5 0 Total Inflows: 1276 Okeechobee Outflows (cfs): 0 S77 S135 Culverts 0 S354 -NR- 
 S127 Culverts
 0
 S351

 S129 Culverts
 0
 S352
 S308 0 -196 0 S129 Culverts 0 5352 0 S131 Culverts 0 L8 Canal Pt -NR-Total Outflows: No Report Due To Missing S77 or S308 Discharge Data

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****S77 structure flow is being used to compute Total Outflow.
****S308 structure flow is being used to compute Total Outflow.
Okeechobee Pan Evaporation (inches):
S77 -NR- S308 0.17
Average Pan Evap x 0.75 Pan Coefficient = -NR-" = -NR-'
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 4235 cfs or 8400 AC-FT
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|                          | Headwater | Tailwater |         |        |        | Gat  | te Pos | sitior | 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             | horo      | (1        | ) see n | ote at | t bott | COM  |        |        |       |      |
| S133 Pumps<br>S193:      |           | 12.83     | 27      | 6      | 0      | 0    | 0      | 0      | (cfs) | )    |
| S191:                    | 19.44     | 12.82     | 0       | 0.0    | 0.0    | 0.0  |        |        |       |      |
| S135 Pumps               | : 13.46   | 12.85     | 151     | -NR-   | -NR-   | -NR- | -NR-   |        | (cfs  | )    |
| S135 Culve               | rts:      |           | 0       | 0.0    | 0.0    |      |        |        |       |      |
| North West S             | hore      |           |         |        |        |      |        |        |       |      |
|                          | 20.90     | 12.62     | 340     | -0.0   | 0.5    | 0.0  | 0.0    | 0.0    | 0.3   |      |
|                          | 20.90     |           | 0       |        |        |      |        |        |       |      |
| S127 Pumps               | : 13.39   | 12.86     | 0       | 0      | 0      | 0    | 0      | 0      | (cfs  | )    |
| S127 Culve               | rt:       |           | 0       | 0.0    |        |      |        |        |       |      |
| S129 Pumps               | : 12.90   | 13.36     | 36      | 6      | 25     | 6    |        |        | (cfs) | )    |
| S129 Culve               |           | 20.00     | 0       | 0.0    | 20     | 0    |        |        | (010) | /    |
| 0101 D                   | 10.00     | 10.00     | 25      | 0      | 2.0    |      |        |        |       | ,    |
| SI31 Pumps<br>S131 Culve | : 12.80   | 12.98     | 35<br>0 | 0      | 38     |      |        |        | (cfs  | )    |
| SISI CUIVE               | 10.       |           | 0       |        |        |      |        |        |       |      |
| Fisheating               |           |           |         |        |        |      |        |        |       |      |
| nr Palmd                 |           | 29.44     | 34      |        |        |      |        |        |       |      |
| nr Lakep                 | ort       |           |         |        |        |      |        |        |       |      |
| C5:                      |           | -NR-      | 0       | -NF    | <− −NI | RNH  | २–     |        |       |      |
| South Shore              |           |           |         |        |        |      |        |        |       |      |
| S4 Pumps:                | 13.09     | -NR-      | 0       | 0      | 0      | 0    |        |        | (cfs  | )    |
| S169:                    | 13.09     | 13.11     | -NR-    | -NR-   | -NR-   | -NR- |        |        |       |      |
| S310:                    | 13.02     |           | -321    |        |        |      |        |        |       |      |

 S3 Pumps:
 11.43
 13.17
 0
 0
 0
 0

 S354:
 13.17
 11.43
 0
 0.0
 0.0
 0

 S2 Pumps:
 11.54
 12.99
 0
 0
 0
 0
 0

 S351:
 12.99
 11.54
 0
 0.0
 0.0
 0.0
 0

 S352:
 13.18
 9.56
 0
 0.0
 0.0
 0.0

 C10A:
 -NR 13.07
 8.0
 8.0
 8.0
 0.0

 (cfs) (cfs) 8.0 8.0 8.0 0.0 0.0 13.14 -NR-L8 Canal PT S351 and S352 Temporary Pumps/S354 Spillway 

 11.54
 12.99
 0
 -NR--NR--NR--NR--NR 

 9.56
 13.18
 0
 -NR--NR--NR 

 11.43
 13.17
 0
 -NR--NR--NR 
 S351: S352: S354: Caloosahatchee River (S77, S78, S79) S47B:13.0611.320.0S47D:11.2811.31-965.0 0.0 0.0 S77: Spillway and Sector Preferred Flow: 12.69 11.19 0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: -NR-S78: Spillway and Sector Flow: 11.20 3.17 2500 1.5 2.5 2.5 0.0 Flow Due to Lockages+: 14 S79: Spillway and Sector Flow: 3.27 1.17 5349 0.0 2.0 3.0 3.0 3.0 3.0 3.0 3.0 Flow Due to Lockages+: 7 Percent of flow from S77 0 Chloride (ppm) 0 0 응 St. Lucie Canal (S308, S80) S308: Spillway and Sector Preferred Flow: 13.06 14.11 -194 0.0 0.0 0.0 0.0 -2 Flow Due to Lockages+: 18.67 13.87 26 0.0 0.0 S153: S80: Spillway and Sector Flow: 
 14.18
 1.65
 0
 0.0
 0.0
 0.0
 0.0
 0.0

 Flow Due to Lockages+:
 15
 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

| _                                   |             |                                       |              | W:         | ind  |
|-------------------------------------|-------------|---------------------------------------|--------------|------------|------|
| -                                   |             |                                       |              |            |      |
| Daily Precipitation Totals<br>Speed | 1-Day       | 3-Day                                 | 7-Day        | Directio   | on   |
|                                     | (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        | 1.55                                  | 3.72         | 266        | 1    |
| S78:                                | 1.34        | 1.35                                  | 1.35         | 289        | 2    |
| S79:                                | 10.93       | 11.46                                 | 11.93        | 124        | 1    |
| 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:                               | 2.09        | 2.51                                  | 2.63         | 117        | 3    |
| S80:                                | 17.86       | 19.18                                 | 20.19        | 186        | 1    |
| Okeechobee Average                  |             | 0.31                                  | 0.49         | 200        | -    |
| (Sites S78, S79 and                 |             |                                       | 0.10         |            |      |
|                                     |             |                                       |              |            |      |
| Oke Nexrad Basin Avg                | -NR-        | 0.00                                  | 0.00         |            |      |
|                                     |             |                                       |              |            |      |
|                                     |             |                                       | 13.02 Differ | cence from | n    |
|                                     | 11 JUN 2022 |                                       | 13.00        | -0.0       | 02   |
|                                     | 10 JUN 2022 |                                       | 12.86        | -0.1       | 16   |
| 12JUN22 -3 Days =                   | 09 JUN 2022 |                                       | 12.78        | -0.2       | 24   |
|                                     | 08 JUN 2022 |                                       | 12.76        | -0.2       | 26   |
|                                     | 07 JUN 2022 |                                       | 12.76        | -0.2       | 26   |
|                                     | 06 JUN 2022 |                                       | 12.75        | -0.2       | 27   |
| 12JUN22 -7 Days =                   | 05 JUN 2022 |                                       | 12.75        | -0.2       | 27   |
| 4                                   | 13 MAY 2022 |                                       | 12.70        | -0.3       | 32   |
|                                     | 12 JUN 2021 |                                       | 12.54        | -0.4       | 48   |
| 12JUN22 -2 Year =                   | 12 JUN 2020 |                                       | 12.19        | -0.8       | 33   |
|                                     |             |                                       |              |            |      |

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

Lake Okeechobee Net Inflow (LONIN) Average Flow over the previous 14 days | Avg-Daily Flow

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| 12JUN22 Today    | = 12 | JUN | 2022 | 5925 | MON | 4235  |
|------------------|------|-----|------|------|-----|-------|
| 12JUN22 -1 Day   | = 11 | JUN | 2022 | 6055 | SUN | 27326 |
| 12JUN22 -2 Days  | = 10 | JUN | 2022 | 4283 | SAT | 15428 |
| 12JUN22 -3 Days  | = 09 | JUN | 2022 | 3141 | FRI | 3933  |
| 12JUN22 -4 Days  | = 08 | JUN | 2022 | 2815 | THU | 0     |
| 12JUN22 -5 Days  | = 07 | JUN | 2022 | 2370 | WED | 1966  |
| 12JUN22 -6 Days  | = 06 | JUN | 2022 | 1815 | TUE | 0     |
| 12JUN22 -7 Days  | = 05 | JUN | 2022 | 1722 | MON | 5899  |
| 12JUN22 -8 Days  | = 04 | JUN | 2022 | 1342 | SUN | 17343 |
| 12JUN22 -9 Days  | = 03 | JUN | 2022 | 584  | SAT | 7714  |
| 12JUN22 -10 Days | = 02 | JUN | 2022 | 368  | FRI | 4183  |
| 12JUN22 -11 Days | = 01 | JUN | 2022 | -188 | THU | -5705 |
| 12JUN22 -12 Days | = 31 | MAY | 2022 | 239  | WED | -3513 |
| 12JUN22 -13 Days | = 30 | MAY | 2022 | 382  | TUE | 4146  |
|                  |      |     |      |      |     | <br>  |

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| - |         |     |       |    |         | Se   | 65E    |          |         |                |
|---|---------|-----|-------|----|---------|------|--------|----------|---------|----------------|
|   |         |     |       |    | Average | Flov | v over | previous | 14 days | Avg-Daily Flow |
|   | 12JUN22 |     | Today | /= | 12      | JUN  | 2022   | 435      | MON     | 395            |
|   | 12JUN22 | -1  | Day   | =  | 11      | JUN  | 2022   | 462      | SUN     | 479            |
|   | 12JUN22 | -2  | Days  | =  | 10      | JUN  | 2022   | 481      | SAT     | 390            |
|   | 12JUN22 | -3  | Days  | =  | 09      | JUN  | 2022   | 515      | FRI     | 354            |
|   | 12JUN22 | -4  | Days  | =  | 08      | JUN  | 2022   | 555      | THU     | 343            |
|   | 12JUN22 | -5  | Days  | =  | 07      | JUN  | 2022   | 599      | WED     | 323            |
|   | 12JUN22 | -6  | Days  | =  | 06      | JUN  | 2022   | 644      | TUE     | 386            |
|   | 12JUN22 | -7  | Days  | =  | 05      | JUN  | 2022   | 689      | MON     | 401            |
|   | 12JUN22 | -8  | Days  | =  | 04      | JUN  | 2022   | 711      | SUN     | 441            |
|   | 12JUN22 | -9  | Days  | =  | 03      | JUN  | 2022   | 766      | SAT     | 380            |
|   | 12JUN22 | -10 | Days  | =  | 02      | JUN  | 2022   | 828      | FRI     | 359            |
|   | 12JUN22 | -11 | Days  | =  | 01      | JUN  | 2022   | 897      | THU     | 475            |
|   | 12JUN22 | -12 | Days  | =  | 31      | MAY  | 2022   | 963      | WED     | 648            |
|   | 12JUN22 | -13 | Days  | =  | 30      | MAY  | 2022   | 1021     | TUE     | 715            |
|   |         |     |       |    |         |      |        |          |         |                |

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|---|---------|-----|-------|----|---------|------|--------|----------|---------|----------------|
|   |         |     |       |    |         |      | 55EX1  |          |         |                |
|   |         |     |       |    | Average | Flow | v over | previous | 14 days | Avg-Daily Flow |
|   | 12JUN22 |     | Today | 7= | 12      | JUN  | 2022   | 0        | MON     | 0              |
|   | 12JUN22 | -1  | Day   | =  | 11      | JUN  | 2022   | 0        | SUN     | 0              |
|   | 12JUN22 | -2  | Days  | =  | 10      | JUN  | 2022   | 0        | SAT     | 0              |
|   | 12JUN22 | -3  | Days  | =  | 09      | JUN  | 2022   | 0        | FRI     | 0              |
|   | 12JUN22 | -4  | Days  | =  | 08      | JUN  | 2022   | 0        | THU     | 0              |
|   | 12JUN22 | -5  | Days  | =  | 07      | JUN  | 2022   | 0        | WED     | 0              |
|   | 12JUN22 | -6  | Days  | =  | 06      | JUN  | 2022   | 0        | TUE     | 0              |
|   | 12JUN22 | -7  | Days  | =  | 05      | JUN  | 2022   | 0        | MON     | 0              |
|   | 12JUN22 | -8  | Days  | =  | 04      | JUN  | 2022   | 0        | SUN     | 0              |
|   | 12JUN22 | -9  | Days  | =  | 03      | JUN  | 2022   | 0        | SAT     | 0              |
|   | 12JUN22 | -10 | Days  | =  | 02      | JUN  | 2022   | 0        | FRI     | 0              |
|   | 12JUN22 | -11 | Days  | =  | 01      | JUN  | 2022   | 0        | THU     | 0              |
|   | 12JUN22 | -12 | Days  | =  | 31      | MAY  | 2022   | 0        | WED     | 0              |
|   | 12JUN22 | -13 | Days  | =  | 30      | MAY  | 2022   | 0        | TUE     | 0              |
|   |         |     |       |    |         |      |        |          |         |                |

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Lake Okeechobee Outlets Last 14 Days

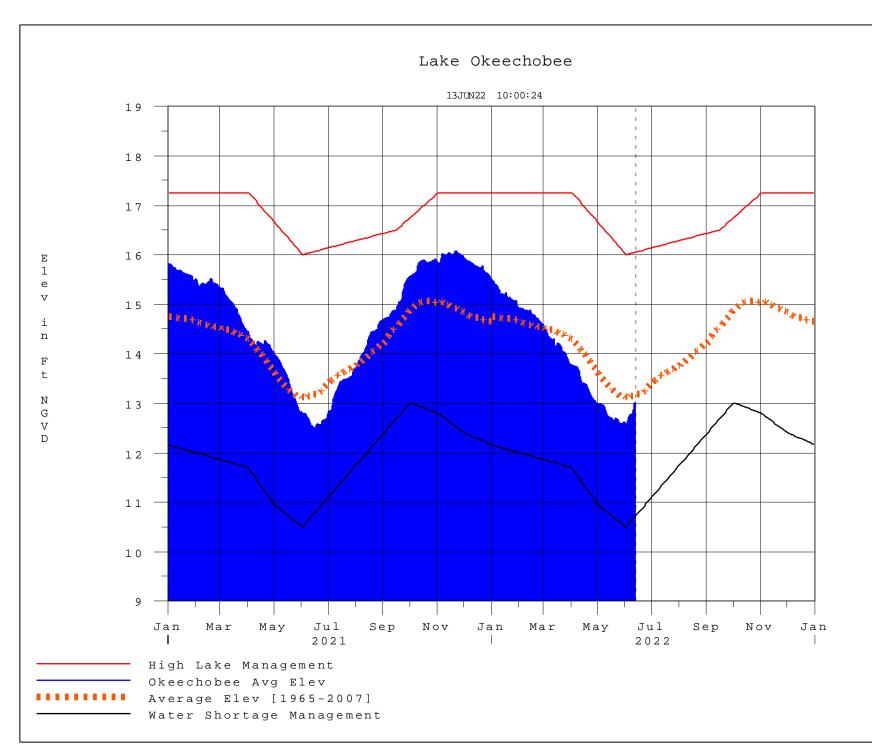
| DATE<br>12 JUN 2022<br>11 JUN 2022<br>10 JUN 2022<br>09 JUN 2022<br>08 JUN 2022<br>06 JUN 2022<br>06 JUN 2022<br>05 JUN 2022<br>04 JUN 2022<br>03 JUN 2022<br>03 JUN 2022<br>01 JUN 2022<br>31 MAY 2022 | (ALL DAY)<br>(AC-FT)<br>-NR-<br>3<br>4<br>3<br>4<br>4<br>3<br>3<br>4<br>4<br>0<br>0<br>5<br>6<br>3<br>222 | Below S-77<br>Discharge<br>(ALL-DAY)<br>(AC-FT)<br>1125<br>1010<br>293<br>124<br>82<br>205<br>423<br>286<br>-55<br>67<br>44<br>-220<br>56<br>554 | S-78<br>Discharge<br>(ALL DAY)<br>(AC-FT)<br>4928<br>4796<br>2490<br>3545<br>3137<br>2312<br>2071<br>2989<br>3659<br>2543<br>958<br>1096<br>1157<br>1676 | S-79<br>Discharge<br>(ALL DAY)<br>(AC-FT)<br>10582<br>12502<br>6323<br>7661<br>10500<br>3639<br>5151<br>6679<br>8661<br>5220<br>1689<br>1865<br>1894<br>2049 |   |
|---|---|--|--|--|---|
| DATE<br>12 JUN 2022<br>11 JUN 2022<br>10 JUN 2022<br>09 JUN 2022<br>08 JUN 2022<br>06 JUN 2022<br>06 JUN 2022<br>05 JUN 2022<br>04 JUN 2022<br>03 JUN 2022<br>03 JUN 2022<br>01 JUN 2022<br>31 MAY 2022 | -731<br>-744<br>-658<br>-NR-<br>-NR-<br>-486<br>-536<br>-318<br>-300<br>-275<br>-182<br>-51               | S-351<br>Discharge<br>(ALL DAY)<br>(AC-FT)<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0        | S-352<br>Discharge<br>(ALL DAY)<br>(AC-FT)<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0                | S-354<br>Discharge<br>(ALL DAY)<br>(AC-FT)<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0                    | L8 Canal Pt<br>Discharge<br>(ALL DAY)<br>(AC-FT)<br>-NR-<br>-NR-<br>-NR-<br>-NR-<br>-NR-<br>-NR-<br>-NR-<br>-NR |
| DATE<br>12 JUN 2022<br>11 JUN 2022<br>10 JUN 2022<br>09 JUN 2022<br>08 JUN 2022<br>07 JUN 2022<br>06 JUN 2022<br>05 JUN 2022<br>04 JUN 2022<br>03 JUN 2022<br>03 JUN 2022<br>01 JUN 2022<br>31 MAY 2022 | -103<br>-5<br>-3<br>-6<br>-333<br>-167<br>-0<br>1392<br>2620<br>2795<br>2857                              | Below S-308<br>Discharge<br>(ALL-DAY)<br>(AC-FT)<br>-NR-<br>-NR-<br>-NR-<br>-NR-<br>-NR-<br>-NR-<br>-NR-<br>-NR                                  | S S-80<br>Discharge<br>(ALL-DAY)<br>(AC-FT)<br>31<br>38<br>51<br>33<br>22<br>51<br>41<br>41<br>41<br>570<br>38<br>50<br>33<br>27<br>31                   | 2  |   |

| * * * | NOTE: | Discharge  | (ALL DAY)  | is ( | computed  | using | Spillway, | Sector G | ate |
|-------|-------|------------|------------|------|-----------|-------|-----------|----------|-----|
| and   |       |            |            |      |           |       |           |          |     |
|       |       | Lockages I | Discharges | fro  | m 0015 h: | rs to | 2400 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 13JUN2022 @ 10:15 \*\* Preliminary Data - Subject to Revision \*\*



### **Classification Tables**

Supplemental Tables used in conjunction with the LORS2008 Release

Guidance Flow Charts

• <u>Class Limits for Tributary Hydrologic Conditions</u>

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

### 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<br>Prediction | Equivalent<br>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<br>Prediction | Equivalent<br>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<br>Categories | WSE Decision Tree<br>Categories |
|--|---------------------------------|
| Above Normal                                 | Wet to Very Wet                 |
| Normal                                       | Normal                          |
| Below Normal                                 | Dry                             |

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