

# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 10/26/2015 (Developing El Nino Condition)

## 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 El Nino years<sup>3</sup> and a sub-sampling of cold years of the Atlantic Multi-decadal Oscillation (AMO) in combination with ENSO El Nino years<sup>4</sup>. 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 <sup>1*</sup> |                           | SFWMD Empirical Method <sup>2</sup> |                           | Sub-sampling of ENSO El Nino Years <sup>3</sup> |                           | Sub-sampling of AMO Warm + ENSO El Nino Years <sup>4</sup> |                           |
|--------------------------|-------------------------------|---------------------------|-------------------------------------|---------------------------|---|---------------------------|--|---------------------------|
|                          | Value (ft)                    | <a href="#">Condition</a> | Value (ft)                          | <a href="#">Condition</a> | Value (ft)                                      | <a href="#">Condition</a> | Value (ft)   | <a href="#">Condition</a> |
| Current (Oct-Mar)        | N/A                           | N/A                       | 1.32                                | Normal                    | 1.77  | Wet                       | 2.35   | Very Wet                  |
| Multi Seasonal (Nov-Oct) | N/A                           | N/A                       | 3.52                                | Wet                       | 3.99  | Wet                       | 5.96   | 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.

## [Tributary Hydrologic Conditions Graph:](#)

**-273 cfs** 14-day running average for Lake Okeechobee Net Inflow through 10/26/2015. According to the classification in [Tributary Hydrologic Conditions](#) table, this condition is Dry.

**0.65** for Palmer Index on 10/25/2015.

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

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

## [LORS2008 Classification Tables:](#)

### Lake Okeechobee Stage on 10/26/2015

Lake Okeechobee Stage: **14.62 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            |                       | 17.14                         |                    |
| Operational Band                     | High sub-band         | 16.77                         |                    |
|                                      | Intermediate sub-band | 16.18                         |                    |
|                                      | Low sub-band          | 14.50                         | ← 14.62            |
| Base Flow sub-band                   |                       | 12.89                         |                    |
| Beneficial Use sub-band              |                       | 12.84                         |                    |
| Water Shortage Management 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](#)
- [Coastal Ecosystems](#)
- [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 10/26/2015 (ENSO Neutral Condition):**

**Water Supply Department Technical Input**

**Water Supply Outlook:**

District wide, Raindar rainfall 0.16 inches for the week ending 10/26/2015. Lake stage on 10/26/2015 is 14.62 ft, down 0.12 ft from last week.

The updated October 2015 SFWMM Dynamic Position Analysis [percentile graph](#) and [tracking chart](#) for Lake Okeechobee show that the lake stage is in the low Operational Sub-Band.

The LORS2008 tributary [indices](#) are classified as **Normal**. The PDSI indicates normal condition and the LONIN is Dry. The classification is based on the wetter of the two.

**Water Supply Risk Evaluation**

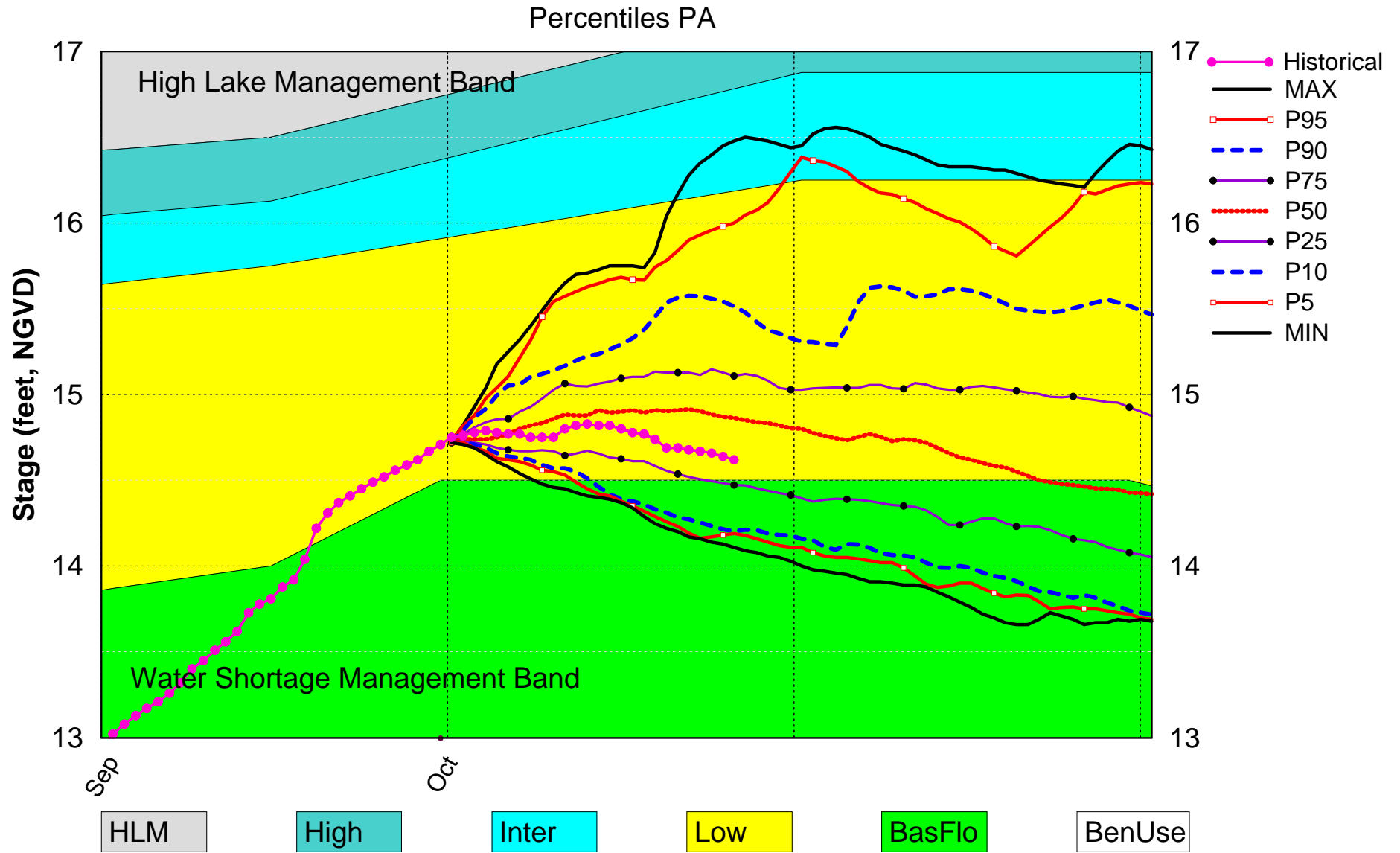
| Area             | Indicator                                      | Value                                | Color Coded Scoring Scheme |
|------------------|--|--------------------------------------|----------------------------|
| LOK              | Projected LOK Stage for the next two months    | Base Flow Sub-Band                   | M                          |
|                  | Palmer Index for LOK Tributary Conditions      | 0.65<br>(Normal)                     | L                          |
|                  | CPC Precipitation Outlook                      | 1 month: Above Normal                | L                          |
|                  |  | 3 months: Above Normal               | L                          |
|                  | LOK Seasonal Net Inflow Forecast               | 1.77 ft<br>(Normal to Extremely Wet) | L                          |
|                  | AMO warm/El Nino                               |                                      |                            |
|                  | LOK Multi-Seasonal Net Inflow Forecast         | 3.99 ft (Wet)                        | L                          |
| AMO warm/El Nino |  |                                      |                            |
| WCAs             | WCA 1: Site 1-7,1-8T, & 1-9                    | (17.03 ft)                           | L                          |
|                  | WCA 2A: Site 2-17 HW                           | (12.63 ft)                           | L                          |
|                  | WCA-3A: 3 Station Average (Site 63, 64 and 65) | (10.28 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 forecasts use slightly different classification intervals than those used by the 2008-LORS for classifying the tributary hydrologic condition (THC).

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

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

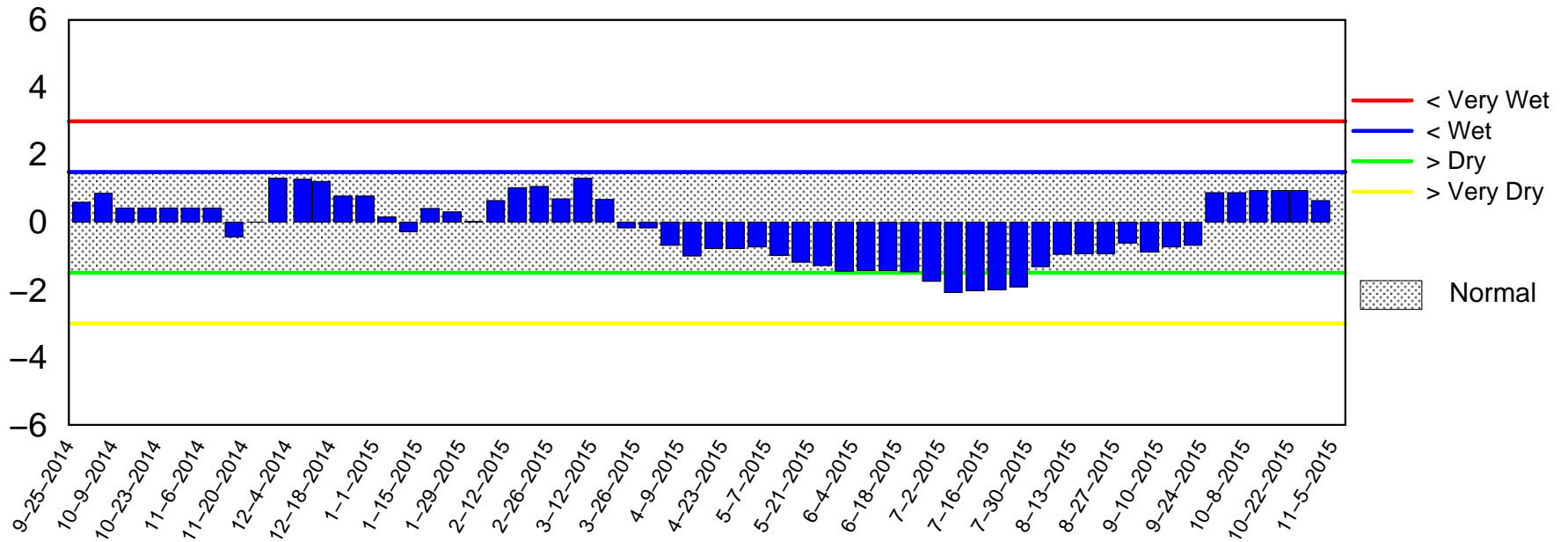
# Lake Okeechobee SFWMM Oct 2015 Dynamic Position Analysis



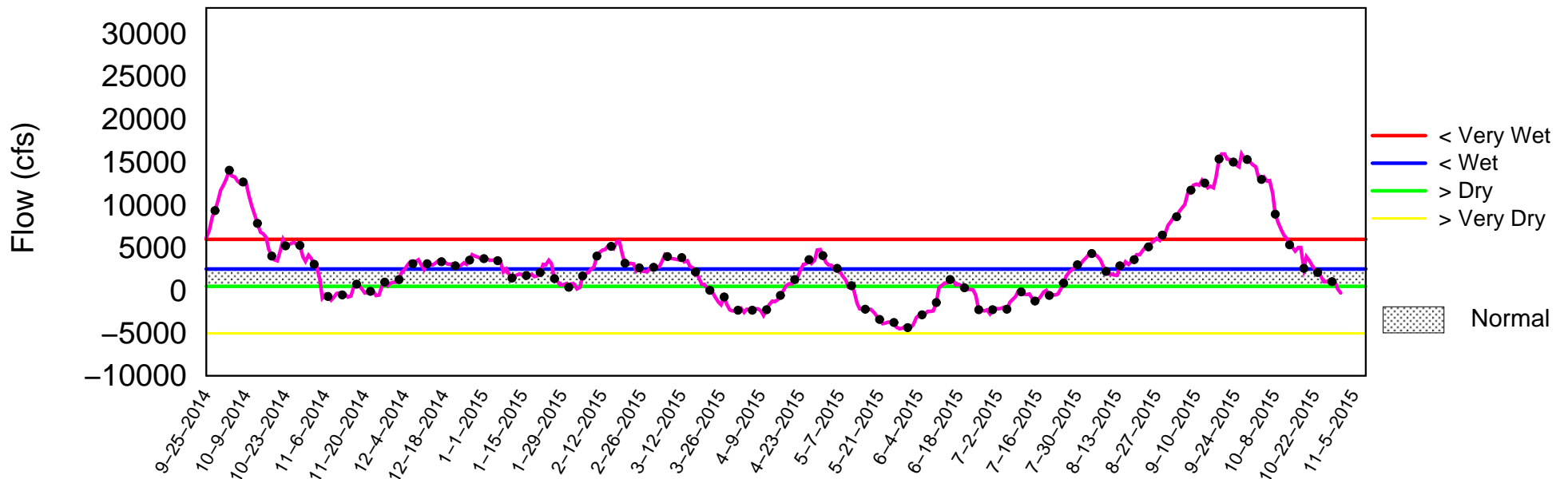
(See assumptions on the Position Analysis Results website)

# Tributary Basin Condition Indicators as of October 26 2015

## Palmer Index



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



Mon Oct 26 13:47:20 2015

# 2008 LORS

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

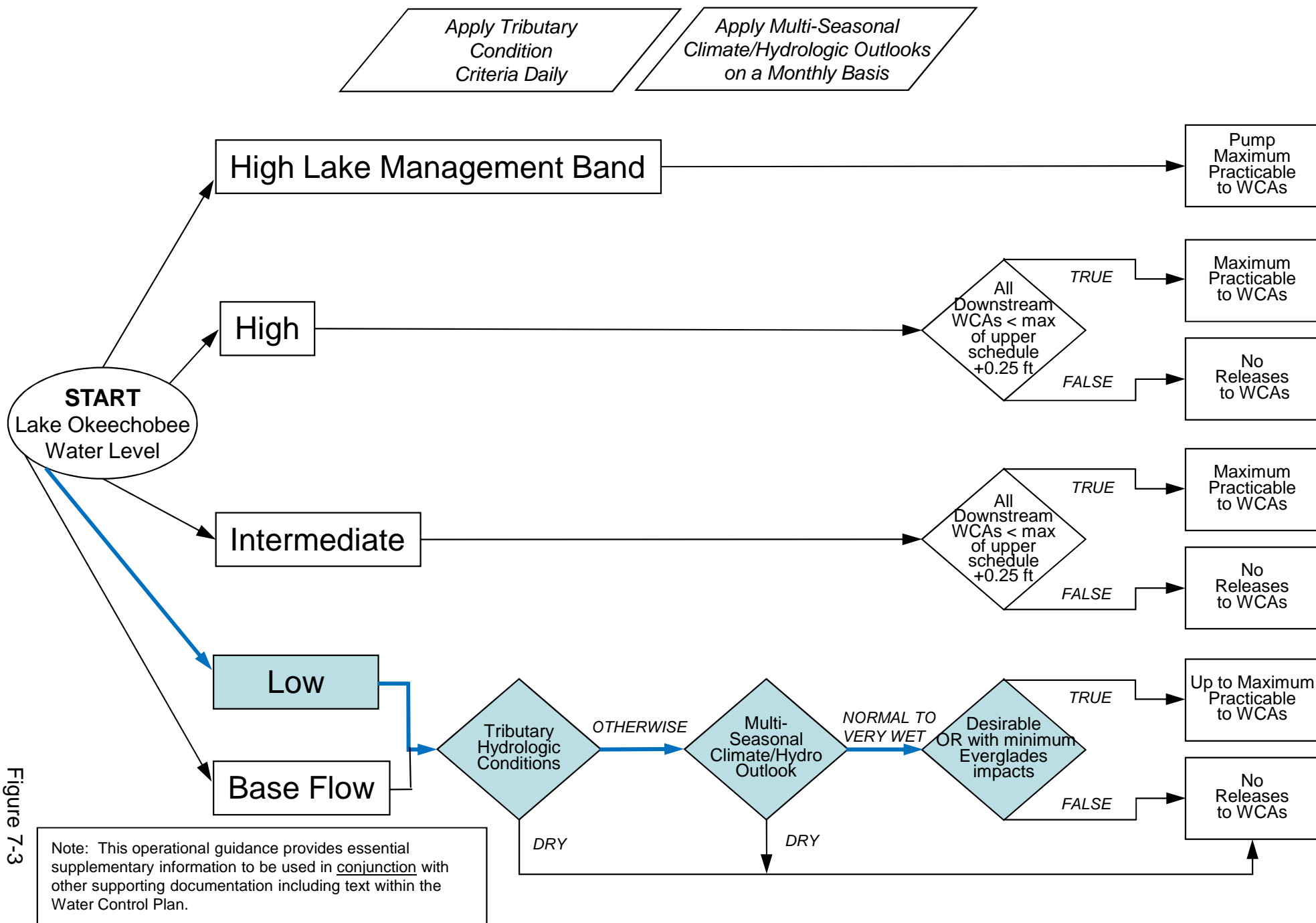


Figure 7-3

# 2008 LORS FORECAST

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

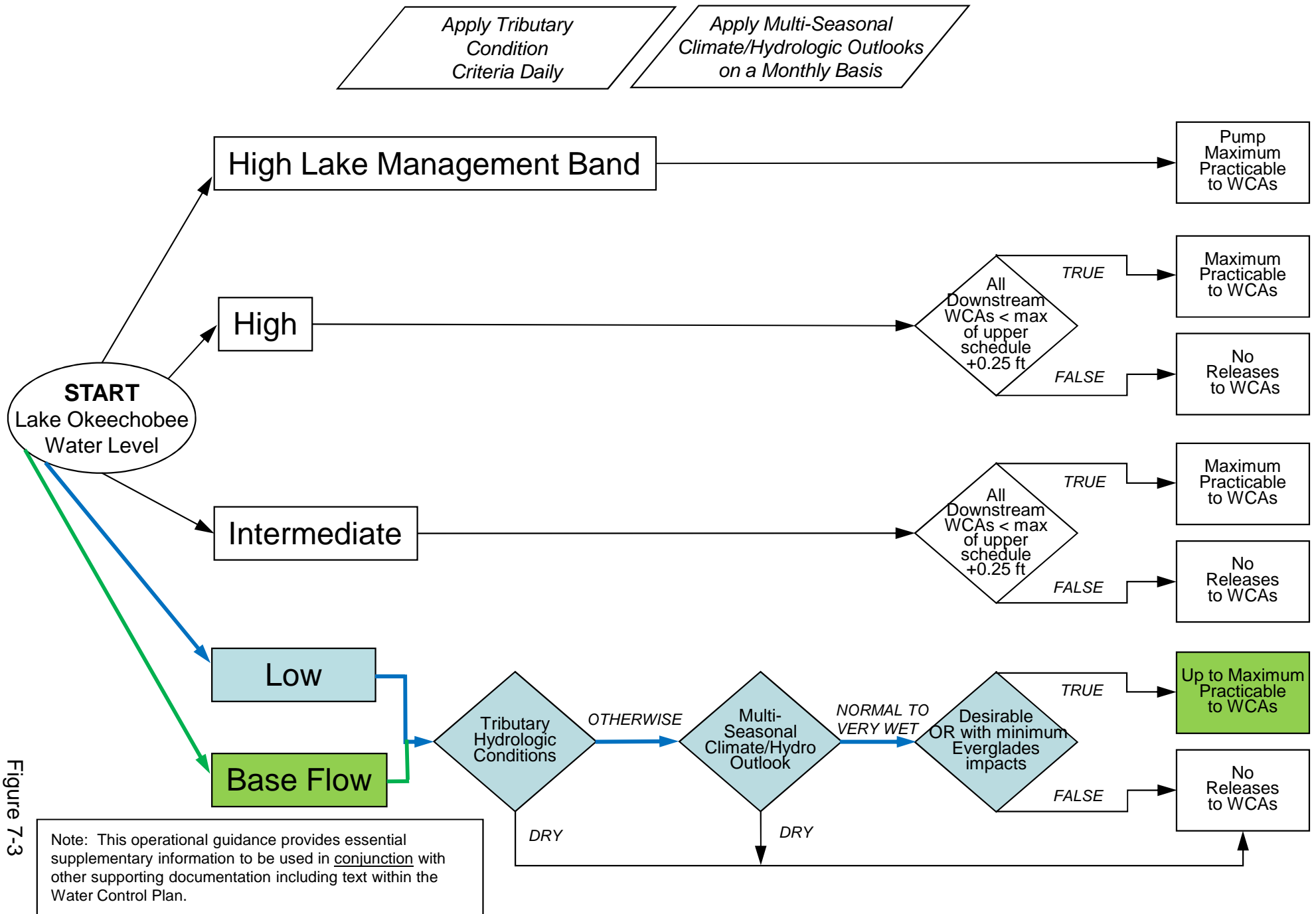


Figure 7-3



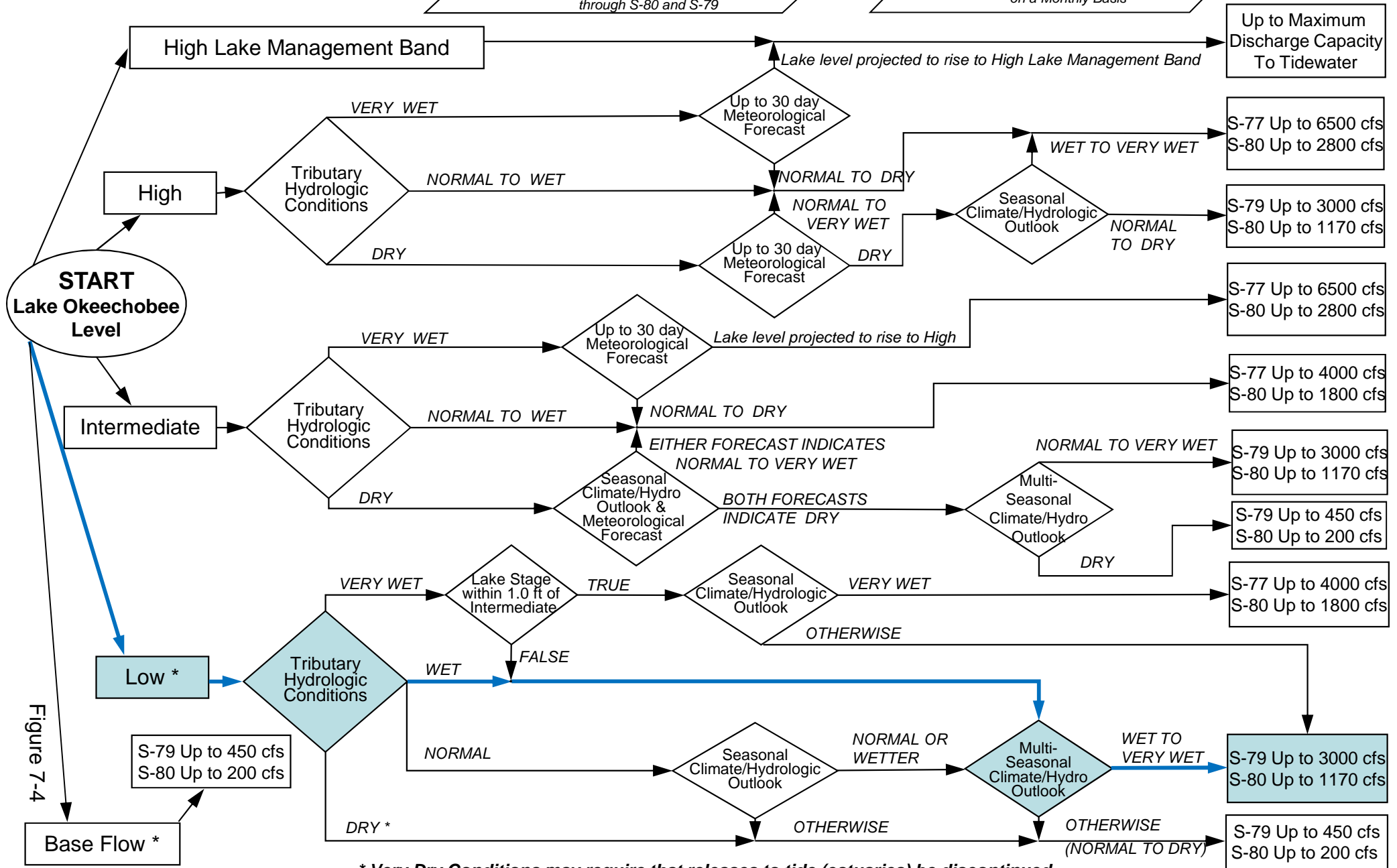
# 2008 LORS

## 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



\* Very Dry Conditions may require that releases to tide (estuaries) be discontinued

Figure 7-4

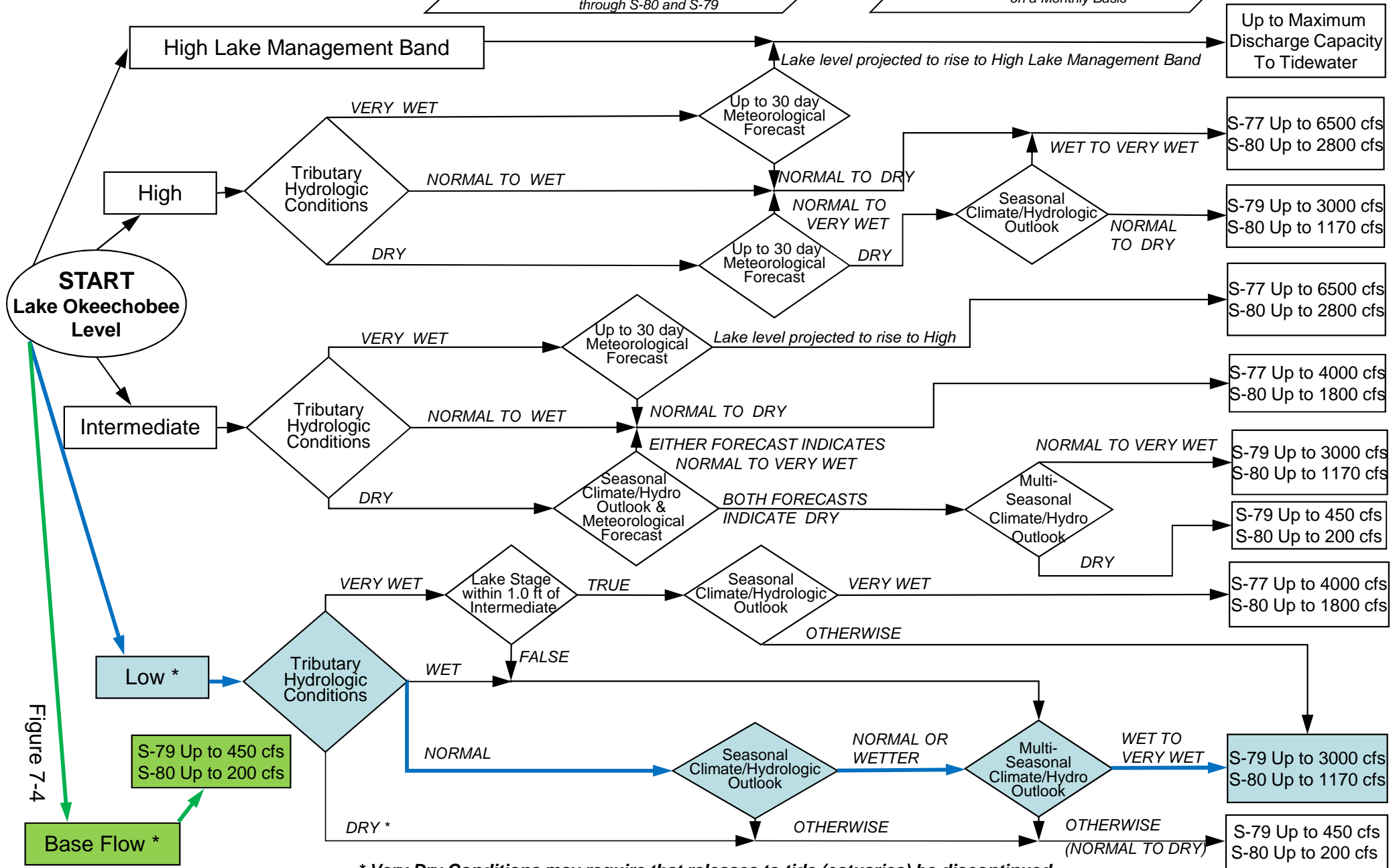
# 2008 LORS FORECAST

## 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

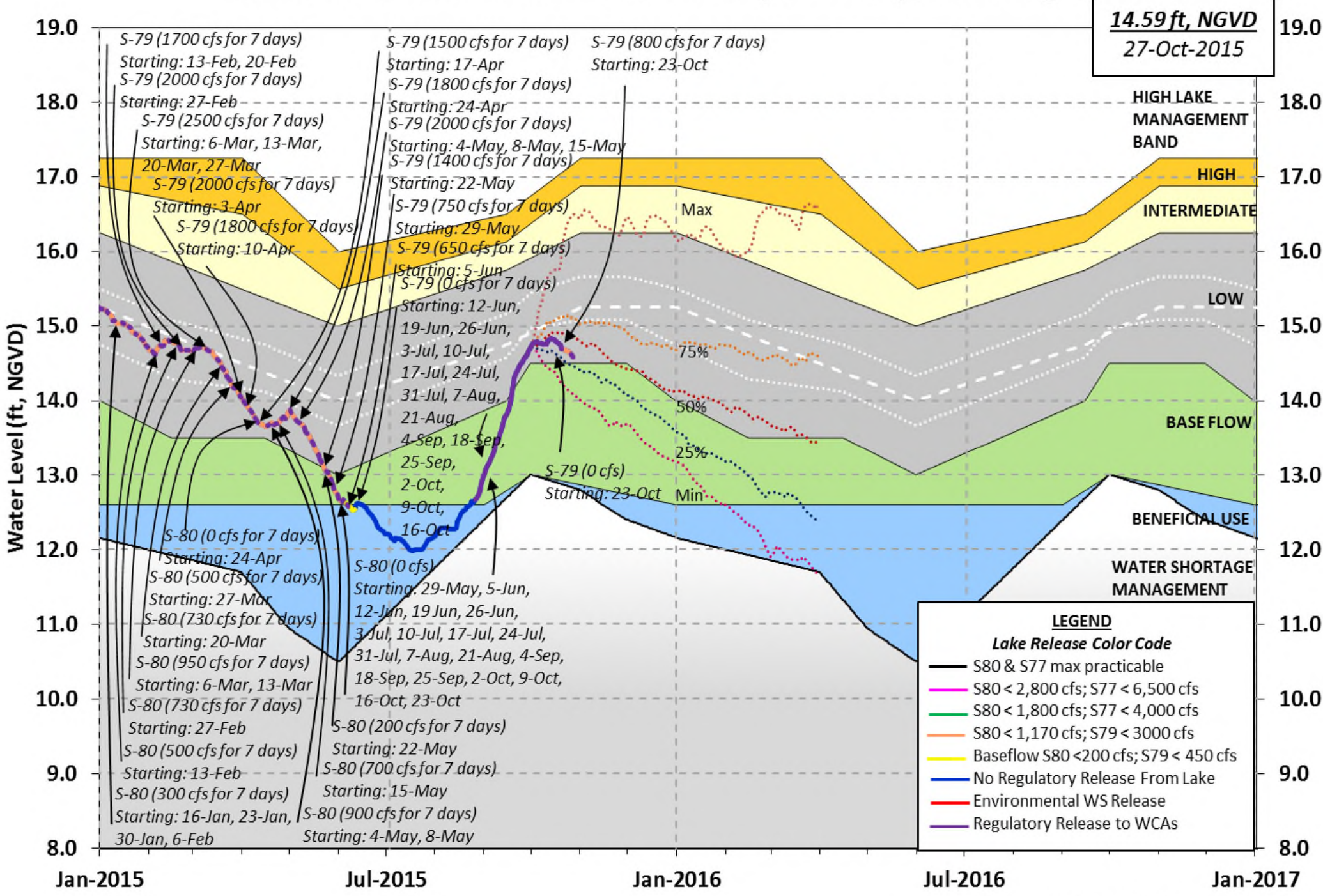
Apply Meteorological Forecasts on a Weekly Basis; apply Seasonal and Multi-Seasonal Climate/Hydrologic Outlooks on a Monthly Basis



\* Very Dry Conditions may require that releases to tide (estuaries) be discontinued

Figure 7-4

# Lake Okeechobee Water Level History and Projected Stages



LORS-2008

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 25 OCT 2015

|  |           |                           |                      |
|--|-----------|---------------------------|----------------------|
| Okeechobee Lake Regulation               | Elevation | Last Year                 | 2YRS Ago             |
|  | (ft-NGVD) | (ft-NGVD)                 | (ft-NGVD)            |
| *Okeechobee Lake Elevation               | 14.62     | 15.97                     | 15.36 (Official Elv) |
| Bottom of High Lake Mngmt=               | 17.14     | Top of Water Short Mngmt= | 12.84                |
| Currently in Operational Management Band |           |                           |                      |

|  |       |
|--|-------|
| Simulated Average LORS2008 [1965-2000] | 14.02 |
| Difference from Average LORS2008       | 0.60  |

|  |       |
|--|-------|
| 25OCT (1965-2007) Period of Record Average | 15.07 |
| Difference from POR Average                | -0.45 |

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

++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 8.56'  
 ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 6.76'  
 Bridge Clearance = 49.38'

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

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| L001  | L005  | L006  | LZ40  | S4    | S352  | S308  | S133  |
| 14.47 | 14.73 | 14.70 | 14.59 | 14.73 | 14.67 | 14.48 | 14.57 |

\*Combination Okeechobee Avg-Daily Lake Average = 14.62  
 (\*See Note)

Okeechobee Inflows (cfs):

|                |      |            |   |               |     |
|----------------|------|------------|---|---------------|-----|
| S65E           | 1679 | C5         | 0 | Fisheating Cr | 355 |
| S154           | 0    | S191       | 0 | S135 Pumps    | 0   |
| S84            | 0    | S133 Pumps | 0 | S2 Pumps      | 0   |
| S84X           | 58   | S127 Pumps | 0 | S3 Pumps      | 0   |
| S71            | 69   | S129 Pumps | 0 | S4 Pumps      | 0   |
| S72            | 0    | S131 Pumps | 0 |               |     |
| Total Inflows: | 2161 |            |   |               |     |

Okeechobee Outflows (cfs):

|                      |      |      |      |          |                |
|----------------------|------|------|------|----------|----------------|
| S135 Culverts (Used) | -NR- | S354 | 167  | S77      | 1246           |
| S127 Culverts (USED) | 0    | S351 | 1238 | S77Below | 944 (NOT USED) |



C5: 14.87 14.77 0 0.0 0.0 0.0

South Shore

S4 Pumps: 11.00 14.72 0 0 0 0 (cfs)  
 S169: 14.75 10.95 0 0.0 0.0 0.0  
 S310: 14.68 46  
 S3 Pumps: 10.20 14.71 0 0 0 0 (cfs)  
 S354: 14.71 10.20 167 0.0 0.0  
 S2 Pumps: 11.40 14.64 0 0 0 0 0 (cfs)  
 S351: 14.64 11.40 1238 3.0 2.9 3.0  
 S352: 14.66 11.33 985 1.9 1.8  
 C10A: -NR- 13.82 0.0 8.5 8.5 8.5 8.5  
 L8 Canal PT 13.60 207

---

S351 and S352 Temporary Pumps/S354 Spillway

S351: 11.40 14.64 1238 -NR--NR--NR--NR--NR--NR-  
 S352: 11.33 14.66 985 -NR--NR--NR--NR-  
 S354: 10.20 14.71 167 -NR--NR--NR--NR-

---

Caloosahatchee River (S77, S78, S79)

S47B: 14.65 10.99 0.0 0.5  
 S47D: 10.93 10.92 17 5.0  
 S77:  
 Spillway and Sector Flow:  
 14.44 10.95 1241 2.5 2.5 0.0 0.0  
 Flow Due to Lockages+: 5  
 S77 Below USGS Flow Gage 944  
 S78:  
 Spillway and Sector Flow:  
 10.81 2.82 779 0.5 0.5 1.0 0.5  
 Flow Due to Lockages+: 15  
 S79:  
 Spillway and Sector Flow:  
 3.05 2.17 1133 0.0 0.0 1.0 1.0 1.0 1.0 1.0  
 0.0  
 Flow Due to Lockages+: 5  
 Percent of flow from S77 110%  
 Chloride (ppm) 60

St. Lucie Canal (S308, S80)

S308:  
 Spillway and Sector Flow:  
 14.45 14.12 78 0.0 0.0 0.0 0.0  
 Flow Due to Lockages+: 0  
 S308 Below USGS Flow Gage 190  
 S153: 18.76 14.00 37 0.0 0.0  
 S80:  
 Spillway and Sector Flow:  
 14.20 1.68 0 0.0 0.0 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.

---

|                                       | 1-Day    | 3-Day    | 7-Day    | ----- Wind --- |      |
|---------------------------------------|----------|----------|----------|----------------|------|
| Daily Precipitation Totals            |          |          |          | Direction      |      |
| Speed                                 | (inches) | (inches) | (inches) | (Degø)         |      |
| (mph)                                 |          |          |          |                |      |
| S133 Pump Station:                    | -NR-     | 0.00     | 0.16     |                |      |
| S193:                                 | -NR-     | 0.00     | 0.00     | -NR-           | -NR- |
| Okeechobee Field Station:             | -NR-     | 0.00     | 0.00     |                |      |
| S135 Pump Station:                    | -NR-     | 0.00     | 0.11     |                |      |
| S127 Pump Station:                    | -NR-     | 0.00     | 0.10     |                |      |
| S129 Pump Station:                    | -NR-     | 0.00     | 0.00     |                |      |
| S131 Pump Station:                    | -NR-     | 0.00     | 0.00     |                |      |
| S77:                                  | 0.00     | 0.00     | 0.00     | 129            | 2    |
| S78:                                  | 0.00     | 0.00     | 0.00     | 82             | 2    |
| S79:                                  | 0.00     | 0.00     | 0.00     | 149            | 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     | 0.02     | 0.05     | 76             | 0    |
| S80:                                  | 0.00     | 0.07     | 0.40     | 160            | 2    |
| Okeechobee Average                    | 0.00     | 0.00     | 0.03     |                |      |
| (Sites S78, S79 and S80 not included) |          |          |          |                |      |
| -----                                 |          |          |          |                |      |
| Oke Nexrad Basin Avg                  | -NR-     | 0.01     | 0.02     |                |      |
| -----                                 |          |          |          |                |      |

---

| Okeechobee Lake Elevations | 25 OCT 2015 | 14.62 Difference from |
|----------------------------|-------------|-----------------------|
| 25OCT15                    |             |                       |
| 25OCT15 -1 Day =           | 24 OCT 2015 | 14.64 0.02            |
| 25OCT15 -2 Days =          | 23 OCT 2015 | 14.66 0.04            |
| 25OCT15 -3 Days =          | 22 OCT 2015 | 14.67 0.05            |
| 25OCT15 -4 Days =          | 21 OCT 2015 | 14.68 0.06            |
| 25OCT15 -5 Days =          | 20 OCT 2015 | 14.69 0.07            |
| 25OCT15 -6 Days =          | 19 OCT 2015 | 14.69 0.07            |
| 25OCT15 -7 Days =          | 18 OCT 2015 | 14.74 0.12            |
| 25OCT15 -30 Days =         | 25 SEP 2015 | 14.56 -0.06           |
| 25OCT15 -1 Year =          | 25 OCT 2014 | 15.97 1.35            |
| 25OCT15 -2 Year =          | 25 OCT 2013 | 15.36 0.74            |

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 |
| 25OCT15                                | Today =    | 25 OCT 2015 | -3763 | MON |  | -319           |
| 25OCT15                                | -1 Day =   | 24 OCT 2015 | -3219 | SUN |  | -61            |
| 25OCT15                                | -2 Days =  | 23 OCT 2015 | -2162 | SAT |  | 2332           |
| 25OCT15                                | -3 Days =  | 22 OCT 2015 | -2123 | FRI |  | 1235           |
| 25OCT15                                | -4 Days =  | 21 OCT 2015 | -1966 | THU |  | -NR-           |
| 25OCT15                                | -5 Days =  | 20 OCT 2015 | -1948 | WED |  | -NR-           |
| 25OCT15                                | -6 Days =  | 19 OCT 2015 | -1607 | TUE |  | -8378          |
| 25OCT15                                | -7 Days =  | 18 OCT 2015 | -958  | MON |  | -4388          |
| 25OCT15                                | -8 Days =  | 17 OCT 2015 | -588  | SUN |  | -176           |
| 25OCT15                                | -9 Days =  | 16 OCT 2015 | -199  | SAT |  | -2089          |
| 25OCT15                                | -10 Days = | 15 OCT 2015 | 379   | FRI |  | -40483         |
| 25OCT15                                | -11 Days = | 14 OCT 2015 | 3464  | THU |  | 2251           |
| 25OCT15                                | -12 Days = | 13 OCT 2015 | 3952  | WED |  | 505            |
| 25OCT15                                | -13 Days = | 12 OCT 2015 | 4550  | TUE |  | 4410           |

| S65E                               |            |             |      |     |  |                |
|------------------------------------|------------|-------------|------|-----|--|----------------|
| Average Flow over previous 14 days |            |             |      |     |  | Avg-Daily Flow |
| 25OCT15                            | Today=     | 25 OCT 2015 | 2142 | MON |  | 1679           |
| 25OCT15                            | -1 Day =   | 24 OCT 2015 | 2200 | SUN |  | 1760           |
| 25OCT15                            | -2 Days =  | 23 OCT 2015 | 2287 | SAT |  | 2010           |
| 25OCT15                            | -3 Days =  | 22 OCT 2015 | 2332 | FRI |  | 1963           |
| 25OCT15                            | -4 Days =  | 21 OCT 2015 | 2417 | THU |  | 1718           |
| 25OCT15                            | -5 Days =  | 20 OCT 2015 | 2526 | WED |  | 1814           |
| 25OCT15                            | -6 Days =  | 19 OCT 2015 | 2634 | TUE |  | 2111           |
| 25OCT15                            | -7 Days =  | 18 OCT 2015 | 2721 | MON |  | 2294           |
| 25OCT15                            | -8 Days =  | 17 OCT 2015 | 2804 | SUN |  | 2206           |
| 25OCT15                            | -9 Days =  | 16 OCT 2015 | 2914 | SAT |  | 2239           |
| 25OCT15                            | -10 Days = | 15 OCT 2015 | 3023 | FRI |  | 2431           |
| 25OCT15                            | -11 Days = | 14 OCT 2015 | 3137 | THU |  | 2558           |
| 25OCT15                            | -12 Days = | 13 OCT 2015 | 3272 | WED |  | 2579           |
| 25OCT15                            | -13 Days = | 12 OCT 2015 | 3415 | TUE |  | 2633           |

Lake Okeechobee Outlets Last 14 Days

| DATE        | S-77        | S-77      | Below S-77 | S-78        | S-78      | S-79      |
|-------------|-------------|-----------|------------|-------------|-----------|-----------|
|             | Discharge   | Discharge | Discharge  | Discharge   | Discharge | Discharge |
|             | (0700-2100) | (ALL DAY) | (ALL-DAY)  | (0700-2100) | (ALL DAY) | (ALL DAY) |
|             | (AC-FT)     | (AC-FT)   | (AC-FT)    | (AC-FT)     | (AC-FT)   | (AC-FT)   |
| 25 OCT 2015 | 1359        | -NA-      | 1873       | 890         | 1575      | 2256      |
| 24 OCT 2015 | 1758        | -NA-      | 2319       | 1002        | 1831      | 3520      |
| 23 OCT 2015 | 1700        | -NA-      | 1785       | 1268        | -NR-      | 2075      |
| 22 OCT 2015 | 347         | -NA-      | 211        | 62          | 111       | 6         |
| 21 OCT 2015 | 706         | -NA-      | 462        | 0           | 16        | 5         |
| 20 OCT 2015 | 732         | -NA-      | 263        | 0           | 20        | 172       |
| 19 OCT 2015 | 92          | -NA-      | -104       | 0           | 16        | 422       |
| 18 OCT 2015 | 271         | -NA-      | 55         | 0           | 28        | 12        |



|             |     |      |      |   |    |     |
|-------------|-----|------|------|---|----|-----|
| 17 OCT 2015 | 273 | -NA- | 44   | 0 | 25 | 78  |
| 16 OCT 2015 | 214 | -NA- | 169  | 0 | 27 | 370 |
| 15 OCT 2015 | 214 | -NA- | -72  | 0 | 18 | 272 |
| 14 OCT 2015 | 0   | 2    | -192 | 0 | 18 | 429 |
| 13 OCT 2015 | 0   | -NA- | -60  | 0 | 23 | 535 |
| 12 OCT 2015 | 37  | -NA- | 43   | 0 | 58 | 875 |

|             | 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)     |
| 25 OCT 2015 | 91        | 2455      | 1953      | 331       | 410         |
| 24 OCT 2015 | 146       | 2540      | 1922      | 301       | 405         |
| 23 OCT 2015 | 155       | 2742      | 1910      | 529       | 406         |
| 22 OCT 2015 | 176       | 2542      | 1910      | 432       | 411         |
| 21 OCT 2015 | -NR-      | 2031      | 1870      | -NR-      | 390         |
| 20 OCT 2015 | 107       | 2306      | 1951      | -NR-      | 412         |
| 19 OCT 2015 | 86        | 1563      | 1801      | 290       | 505         |
| 18 OCT 2015 | 25        | 1152      | 1739      | 0         | 548         |
| 17 OCT 2015 | 52        | 841       | 1739      | 155       | 561         |
| 16 OCT 2015 | 33        | 1083      | 1690      | 268       | 552         |
| 15 OCT 2015 | 105       | -75600    | 1598      | 662       | 586         |
| 14 OCT 2015 | -4        | 896       | 1573      | 1168      | 570         |
| 13 OCT 2015 | -NR-      | 1184      | 1596      | 1507      | 584         |
| 12 OCT 2015 | -NR-      | 940       | 1537      | 1303      | 603         |

|             | S-308     | Below S-308 | S-80      |
|-------------|-----------|-------------|-----------|
|             | Discharge | Discharge   | Discharge |
|             | (ALL DAY) | (ALL-DAY)   | (ALL-DAY) |
| DATE        | (AC-FT)   | (AC-FT)     | (AC-FT)   |
| 25 OCT 2015 | 156       | 377         | 29        |
| 24 OCT 2015 | 163       | 299         | 40        |
| 23 OCT 2015 | -NA-      | 849         | 32        |
| 22 OCT 2015 | 573       | 559         | 34        |
| 21 OCT 2015 | 3         | 473         | 34        |
| 20 OCT 2015 | 2         | 445         | 30        |
| 19 OCT 2015 | 0         | 31          | 13        |
| 18 OCT 2015 | 2         | 108         | 25        |
| 17 OCT 2015 | 98        | 246         | 52        |
| 16 OCT 2015 | 199       | 195         | 42        |
| 15 OCT 2015 | 760       | 742         | 44        |
| 14 OCT 2015 | -NA-      | 42          | 40        |
| 13 OCT 2015 | -NA-      | 76          | 24        |
| 12 OCT 2015 | 1         | -59         | 210       |

\*\*\* NOTE: 1) Discharge from (0700-2100) is computed using Spillway and Sector

Gate Discharges from 0700 hrs to 2100 hrs.

and 2) 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

---

—

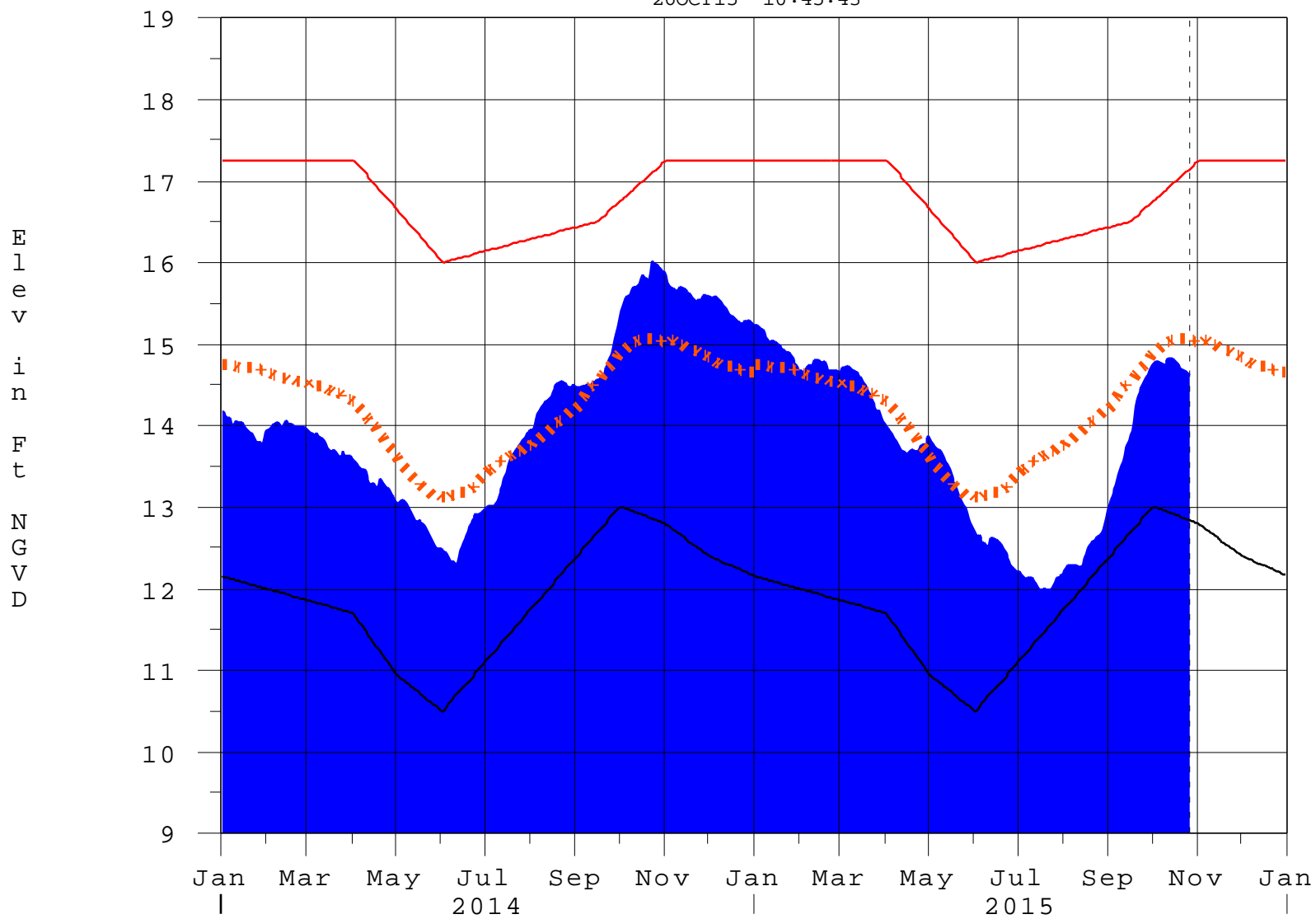
\* On 11 May 1999, Lake Okeechobee Elevation was switched from Instantaneous 2400 value to an average-daily lake average.  
On 14 Mar 2001, due to the isolation of various gages within the standard  
10 stations, the average of the interior 4 station gages was used as the Lake Okeechobee Elevation.  
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](http://www.sfwmd.gov)

---

—  
Report Generated 26OCT2015 @ 10:39 \*\* Preliminary Data - Subject to Revision  
\*\*

# Lake Okeechobee

26OCT15 10:45:43



- 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\***

| <b>Lake Net Inflow Prediction</b><br><b>[million acre-feet]</b> | <b>Equivalent Depth**</b><br><b>[feet]</b> | <b>Lake Okeechobee Net Inflow Seasonal Outlook</b> |
|---|--|--|
| > 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\*

| <b>Lake Net Inflow Prediction</b><br><b>[million acre-feet]</b> | <b>Equivalent Depth**</b><br><b>[feet]</b> | <b>Lake Okeechobee</b><br><b>Net Inflow</b><br><b>Multi-Seasonal Outlook</b> |
|---|--|--|
| > 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\***

| <b>6-15 Day Precipitation Outlook Categories</b> | <b>WSE Decision Tree Categories</b> |
|--|-------------------------------------|
| 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