# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 10/24/2022 (ENSO Condition: La Niña)

## Lake Okeechobee Net Inflow Outlook:

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method[1], the SFWMD empirical method[2], a sub-sampling of La Niña years[3] and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with La Niña ENSO years[4]. 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 La Niña ENSO Years[3] | | Sub-sampling of AMO Warm + La Niña ENSO Years[4] | |
|---|---|---|---|---|---|---|---|---|
| | Value (ft) | Condition | Value (ft) | Condition | Value (ft) | Condition | Value (ft) | Condition |
| Current (Oct-Mar) | N/A | N/A | 1.99 | Wet | 1.60 | Wet | 1.28 | Normal |
| Multi Seasonal (Oct-Apr) | N/A | N/A | 1.93 | Normal | 1.49 | Normal | 1.17 | Normal |

*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:

**15855 cfs** 14-day running average for Lake Okeechobee Net Inflow through 10/24/2022. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

**-1.44** for Palmer Drought Index on 10/22/2022.
According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Near Normal.

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

## LORS2008 Classification Tables:

**Lake Okeechobee Stage on 10/24/2022:**

Lake Okeechobee Stage: **15.57 feet**

| Lake Okeechobee Management Zone/Band | | Bottom Elevation (feet, NGVD) | Current Lake Stage |
|---|---|---|---|
| High Lake Management Band | | 17.11 | |
| Operational Band | High sub-band | 16.74 | |
| | Intermediate sub-band | 16.15 | |
| | Low sub-band | 14.50 | ← 15.57 ft |
| Base Flow sub-band | | 12.90 | |
| Beneficial Use sub-band | | 12.85 | |
| Water Shortage Management Band | | | |

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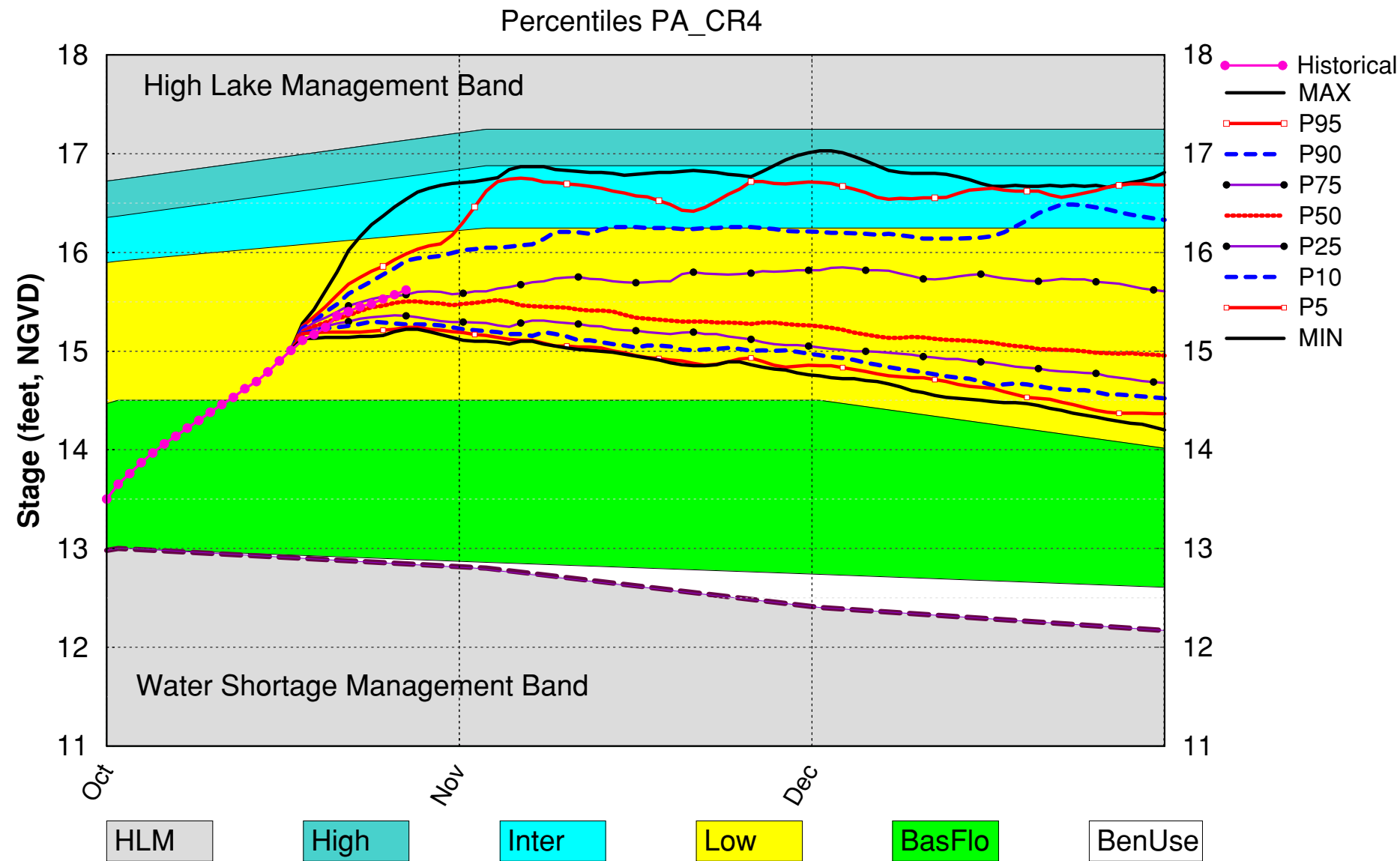
### *Part D of LORS2008: Discharge to Tide*

Up to 3000 cfs at S-79 and up to 1170 cfs at S-80.

# LORS2008 Implementation on 10/24/2022 (ENSO Condition- La Niña Watch):
## Status for week ending 10/24/2022:

### Water Supply Risk Evaluation

| Area | Indicator | Value | Color Coded Scoring Scheme |
|------|-----------|-------|----------------------------|
| LOK | Projected LOK Stage for the next two months | Low Sub-band | L |
| | Palmer Drought Index for LOK Tributary Conditions | -1.44 (Dry) | M |
| | CPC Precipitation Outlook | 1 month: Below Normal | M |
| | | 3 months: Below Normal | M |
| | LOK Seasonal Net Inflow Outlook | 1.60 ft | L |
| | ENSO Forecast | Normal to Extremely Wet | |
| | LOK Multi-Seasonal Net Inflow Outlook | 1.49 ft | M |
| | ENSO Forecast | Normal | |
| WCAs | WCA 1: 3 Station Average (Sites 1-7, 1-8T, 1-9) | Above Line 1 (17.23 ft) | L |
| | WCA 2A: Site 2-17 | Above Line 1 (13.79 ft) | L |
| | WCA-3A: 3 Station Average (Sites 63, 64, and 65) | Above Line 1 (10.78 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 Oct Mid–Mon 2022 Position Analysis**

Percentiles PA_CR4

Legend:
- Historical
- MAX
- P95
- P90
- P75
- P50
- P25
- P10
- P5
- MIN

High Lake Management Band

Water Shortage Management Band

Stage (feet, NGVD)

Oct    Nov    Dec

| HLM | High | Inter | Low | BasFlo | BenUse |

(See assumptions on the Position Analysis Results website)

Tue Oct 25 08:00:41 2022

Tributary Basin Condition Indicators as of October 23 2022
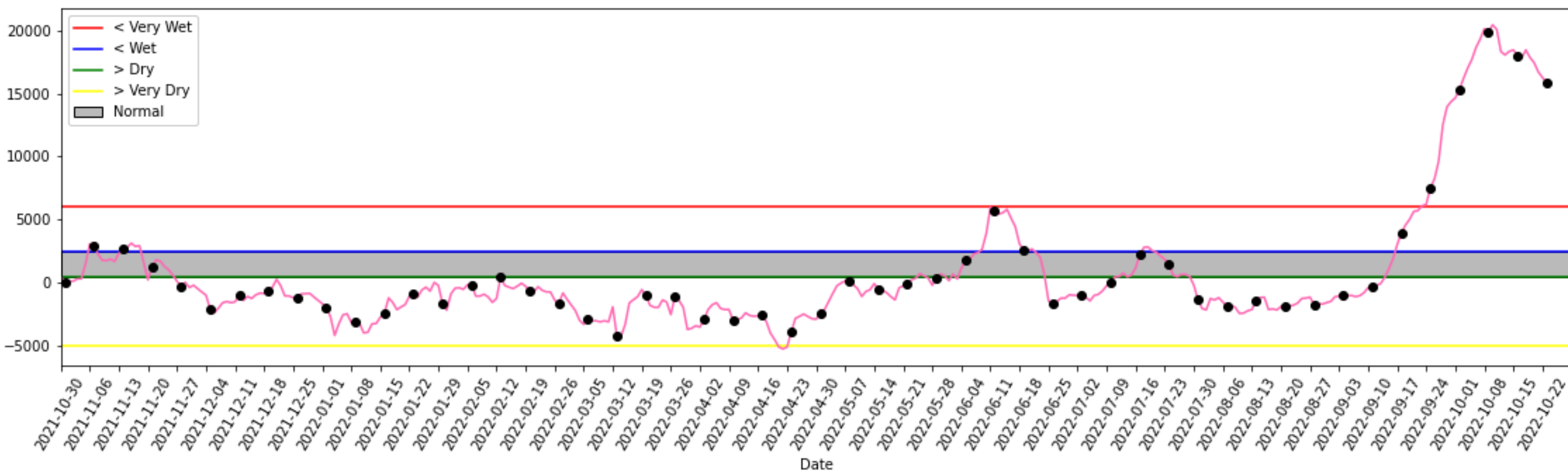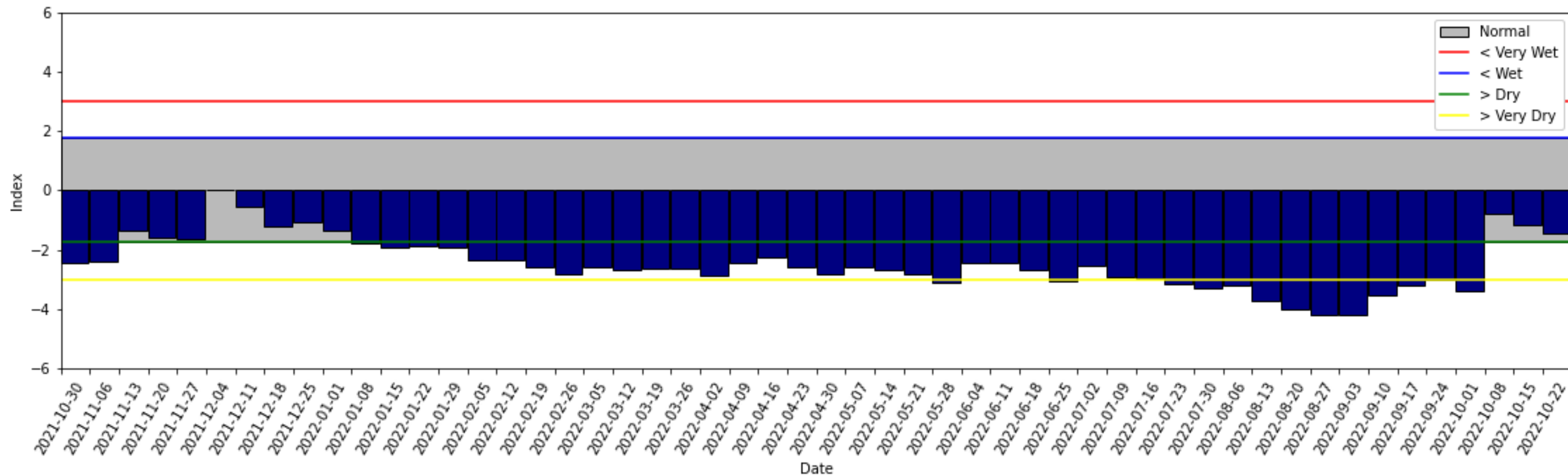
# 2008 LORS

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

*Apply Tributary Condition Criteria Daily*

*Apply Multi-Seasonal Climate/Hydrologic Outlooks on a Monthly Basis*

**START** Lake Okeechobee Water Level

High Lake Management Band → Pump Maximum Practicable to WCAs

High → All Downstream WCAs < max of upper schedule +0.25 ft
- *TRUE* → Maximum Practicable to WCAs
- *FALSE* → No Releases to WCAs

Intermediate → All Downstream WCAs < max of upper schedule +0.25 ft
- *TRUE* → Maximum Practicable to WCAs
- *FALSE* → No Releases to WCAs

Low

Base Flow → Tributary Hydrologic Conditions
- *OTHERWISE* → Multi-Seasonal Climate/Hydro Outlook
  - *NORMAL TO VERY WET* → Desirable OR with minimum Everglades impacts
    - *TRUE* → Up to Maximum Practicable to WCAs
    - *FALSE* → No Releases to WCAs
  - *DRY* →
- *DRY* →

Note: This operational guidance provides essential supplementary information to be used in conjunction with other supporting documentation including text within the Water Control Plan.
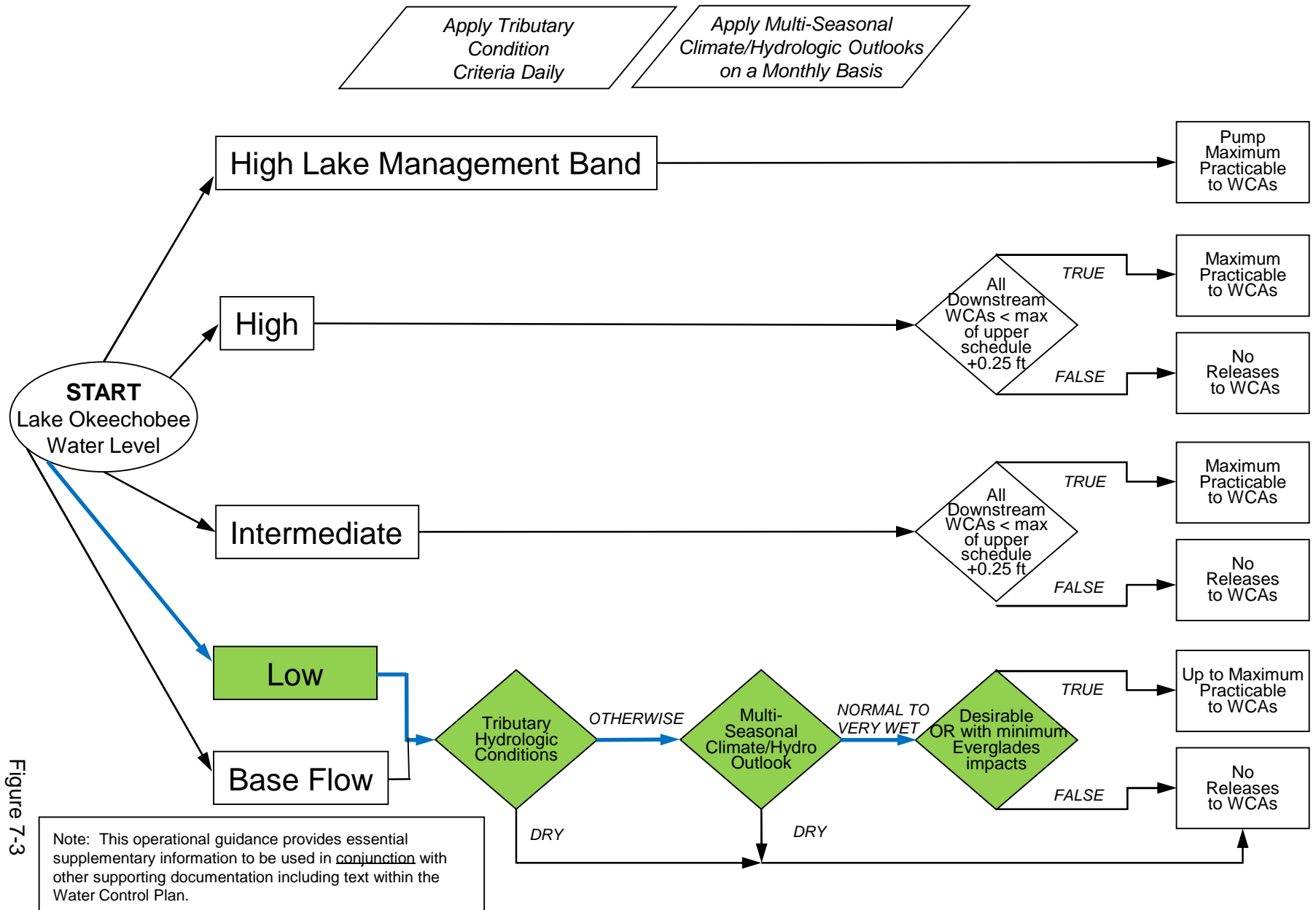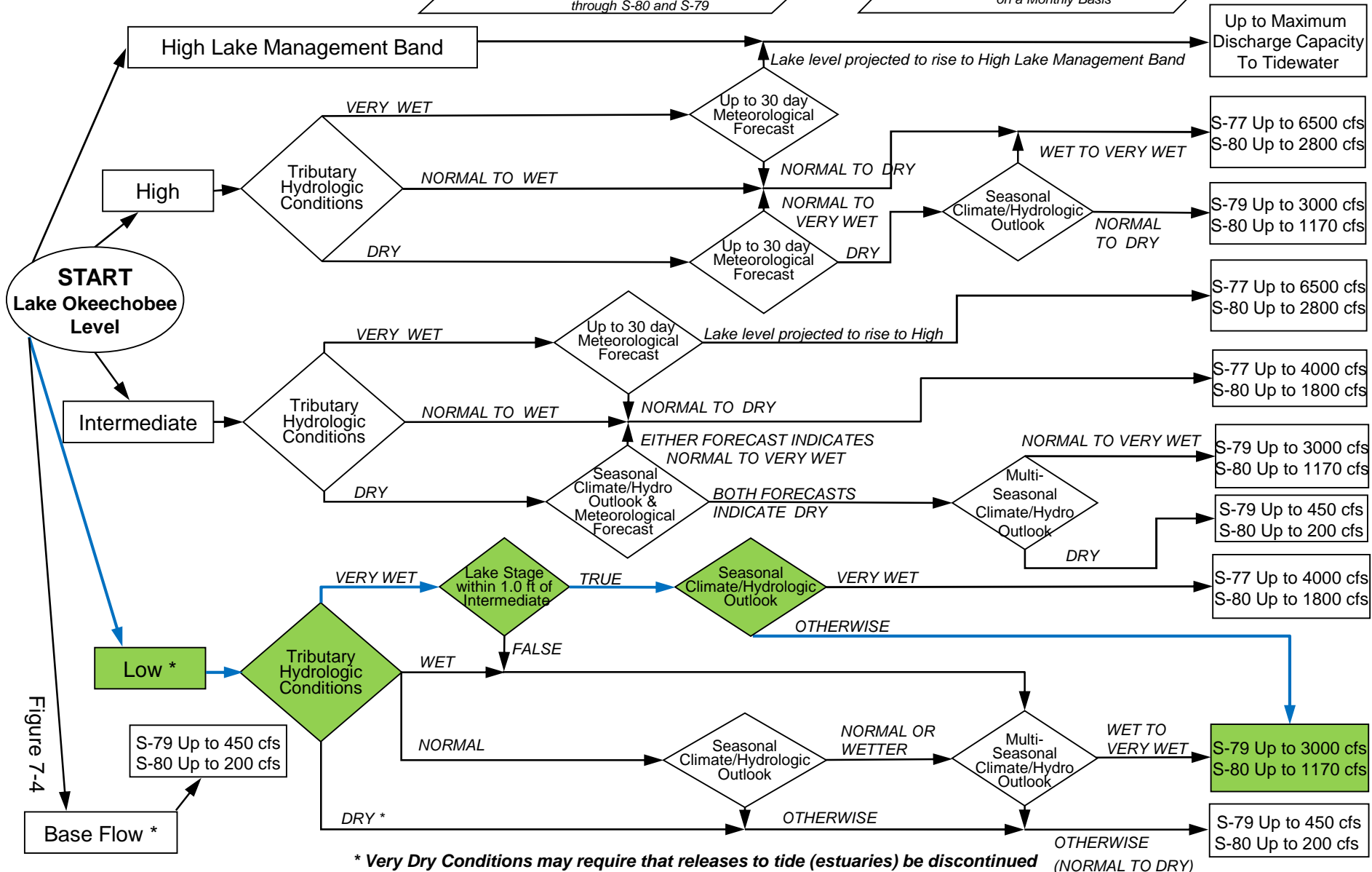
Figure 7-3

# 2008 LORS
## Part D: Establish Allowable Lake Okeechobee Releases to Tide (Estuaries)
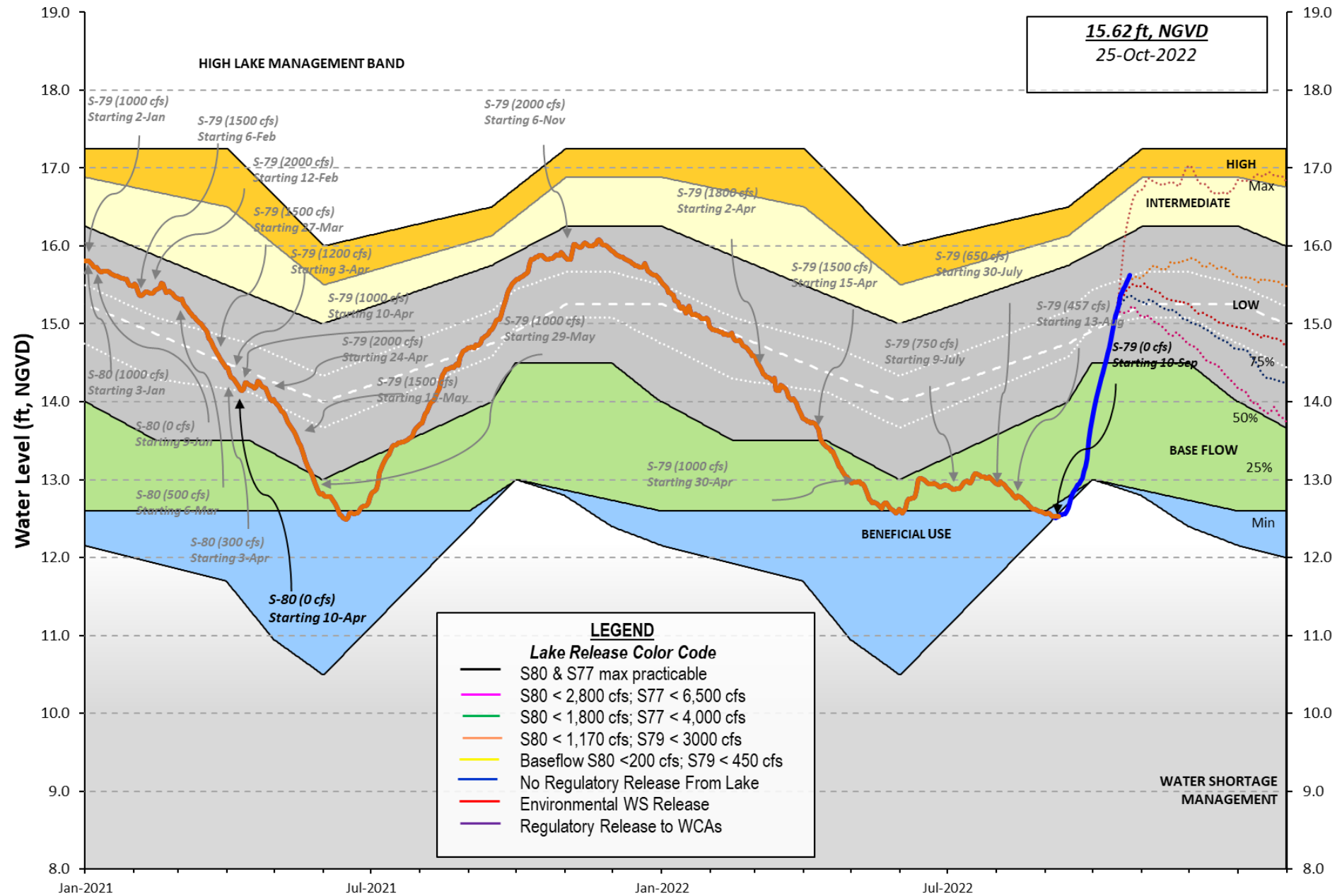
Note: This operational guidance provides essential supplementary information to be used in conjunction with other supporting documentation including text within the Water Control Plan.

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

High Lake Management Band

Lake level projected to rise to High Lake Management Band

Up to Maximum Discharge Capacity To Tidewater

High

Tributary Hydrologic Conditions

VERY WET — Up to 30 day Meteorological Forecast

NORMAL TO WET

DRY — Up to 30 day Meteorological Forecast

NORMAL TO DRY

NORMAL TO VERY WET

DRY

Seasonal Climate/Hydrologic Outlook

WET TO VERY WET

NORMAL TO DRY

S-77 Up to 6500 cfs
S-80 Up to 2800 cfs

S-79 Up to 3000 cfs
S-80 Up to 1170 cfs

START
Lake Okeechobee Level

Intermediate

Tributary Hydrologic Conditions

VERY WET — Up to 30 day Meteorological Forecast

Lake level projected to rise to High

NORMAL TO WET

NORMAL TO DRY

DRY — Seasonal Climate/Hydro Outlook & Meteorological Forecast

EITHER FORECAST INDICATES NORMAL TO VERY WET

BOTH FORECASTS INDICATE DRY

Multi-Seasonal Climate/Hydro Outlook

NORMAL TO VERY WET

DRY

S-77 Up to 6500 cfs
S-80 Up to 2800 cfs

S-77 Up to 4000 cfs
S-80 Up to 1800 cfs

S-79 Up to 3000 cfs
S-80 Up to 1170 cfs

S-79 Up to 450 cfs
S-80 Up to 200 cfs

Low *

VERY WET — Lake Stage within 1.0 ft of Intermediate

TRUE — Seasonal Climate/Hydrologic Outlook

VERY WET

OTHERWISE

FALSE

S-77 Up to 4000 cfs
S-80 Up to 1800 cfs

Tributary Hydrologic Conditions

WET

NORMAL — Seasonal Climate/Hydrologic Outlook

NORMAL OR WETTER

Multi-Seasonal Climate/Hydro Outlook

WET TO VERY WET

S-79 Up to 3000 cfs
S-80 Up to 1170 cfs

OTHERWISE

DRY *

OTHERWISE

OTHERWISE
(NORMAL TO DRY)

S-79 Up to 450 cfs
S-80 Up to 200 cfs

S-79 Up to 450 cfs
S-80 Up to 200 cfs

Base Flow *

Figure 7-4

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

# Lake Okeechobee Water Level History and Projected Stages



Legend:

**LEGEND**
*Lake Release Color Code*
- S80 & S77 max practicable
- S80 < 2,800 cfs; S77 < 6,500 cfs
- S80 < 1,800 cfs; S77 < 4,000 cfs
- S80 < 1,170 cfs; S79 < 3000 cfs
- Baseflow S80 <200 cfs; S79 < 450 cfs
- No Regulatory Release From Lake
- Environmental WS Release
- Regulatory Release to WCAs

15.62 ft, NGVD
25-Oct-2022

HIGH LAKE MANAGEMENT BAND

HIGH
INTERMEDIATE
LOW
BASE FLOW
BENEFICIAL USE
WATER SHORTAGE MANAGEMENT

Max
75%
50%
25%
Min

LORS-2008
Adopted by USACE 28-April-2008

Projected Stage Percentiles From SFWMD- Hydraulics and Hydrology Position Analysis

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


Data Ending 2400 hours   23 OCT 2022
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Okeechobee Lake Regulation        Elevation   Last Year  2YRS Ago
                                  (ft-NGVD)   (ft-NGVD)  (ft-NGVD)
   *Okeechobee Lake Elevation        15.57       15.84    16.35 (Official Elv)
   Bottom of High Lake Mngmt= 17.11  Top of Water Short Mngmt= 12.85
   Currently in Operational Management Band

   Simulated Average LORS2008 [1965-2000]    14.02
   Difference from Average LORS2008          1.55

   23OCT (1965-2007) Period of Record Average    15.06
   Difference from POR Average                    0.51

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

   ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 �   9.51'
   ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 �   7.71'
   Bridge Clearance = 50.17'
_____

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

  L001   L005   L006   LZ40   S4     S352   S308    S133
  15.62  15.57  15.65  15.60  15.62  15.70   15.45  15.43


  *Combination Okeechobee  Avg-Daily Lake Average =  15.57
                                                    (*See Note)
_____

Okeechobee Inflows (cfs):
   S65E           10729     S65EX1          261     Fisheating Cr   487
   S154              29     S191            127     S135 Pumps        0
   S84              974     S133 Pumps        0     S2 Pumps          0
   S84X             342     S127 Pumps        0     S3 Pumps          0
   S71               78     S129 Pumps        0     S4 Pumps          0
   S72               69     S131 Pumps        0     C5                0
Total Inflows:  13094

Okeechobee Outflows (cfs):
   S135 Culverts     0     S354            148     S77              -NR-
   S127 Culverts     0     S351              0     S308              275
   S129 Culverts     0     S352              0
   S131 Culverts     0     L8 Canal Pt      -2
Total Outflows:  No Report Due To Missing S77 or S308 Discharge Data

****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           0.29
   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
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   is equal to   -NR-
Lake Okeechobee (Change in Storage) Flow is   8672 cfs or  17200 AC-FT
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_____


            Headwater Tailwater    ----------- Gate Positions ------------
            Elevation Elevation  Disch   #1   #2   #3   #4   #5   #6   #7   #8
            (ft-msl)  (ft-msl)   (cfs)  (ft) (ft) (ft) (ft) (ft) (ft) (ft) (ft)
                            (I) see note at bottom
North East Shore
  S133 Pumps: 13.60     15.53      0      0    0    0    0    0 (cfs)
  S193:               _____
  S191:         19.44     15.51    127   0.0  0.0  0.0
  S135 Pumps: 13.33     15.47      0      0    0    0    0      (cfs)
  S135 Culverts:                   0    0.0  0.0

North West Shore
  S65E:         20.91     15.84  10729   4.6  4.9  4.5  4.5  5.2  4.6
  S65EX1:       20.91     15.84    261
  S127 Pumps: 13.41     15.46      0      0    0    0    0    0 (cfs)
  S127 Culvert:                    0    0.0

  S129 Pumps: 12.92     15.56      0      0    0    0        (cfs)
  S129 Culvert:                    0    0.0

  S131 Pumps: 12.92     15.59      0      0    0          (cfs)
  S131 Culvert:                    0

  Fisheating Creek
    nr Palmdale         32.35     487
    nr Lakeport       _____
  C5:         _____    -NR-       0       -NR- -NR- -NR-

South Shore
  S4 Pumps:     11.28     -NR-      0      0    0    0        (cfs)
  S169:               _____  -NR-   -NR-   -NR- -NR- -NR-
  S310:         15.57               10
  S3 Pumps:      9.93     15.70      0      0    0    0        (cfs)
  S354:         15.70      9.93    148   0.0  0.0
  S2 Pumps:      9.70     15.64      0      0    0    0    0    (cfs)
  S351:         15.64      9.70      0    0.0  0.0  0.0
  S352:         15.70     10.22      0    0.0  0.0
  C10A:          -NR-      -NR-          -NR-  -NR-  -NR-  -NR-  -NR-
  L8 Canal PT            14.15      -2

  _____
              S351 and S352 Temporary Pumps/S354 Spillway

  S351:          9.70     15.64      0  -NR--NR--NR--NR--NR--NR-
  S352:         10.22     15.70      0  -NR--NR--NR--NR-
  S354:          9.93     15.70    148  -NR--NR--NR--NR-

  _____

Caloosahatchee River (S77, S78, S79)
  S47B:         14.93     11.82          0.5  1.0
  S47D:         11.71     11.27     30   1.0
  S77:
    Spillway and Sector Preferred Flow:
              15.49     11.13      0  0.0  0.0  0.0  0.0
    Flow Due to Lockages+:        -NR-

  S78:
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     Spillway and Sector Flow:
           11.18      2.89      176    0.0  0.0  0.0  0.5
     Flow Due to Lockages+:         11


  S79:
     Spillway and Sector Flow:
            3.11      1.62     1038    0.0  0.0  2.0  2.0  0.0  0.0  0.0  0.0
     Flow Due to Lockages+:          6
     Percent of flow from S77        0%
     Chloride          (ppm)         0



St. Lucie Canal (S308, S80)
  S308:
     Spillway and Sector Preferred Flow:
           15.48     13.33      272    0.0  0.0  0.0  0.0
     Flow Due to Lockages+:          3

  S153:        19.01     13.14       31    0.0  0.0
  S80:
     Spillway and Sector Flow:
           13.46      2.29        0    0.0  0.0  0.0  0.0  0.0  0.0  0.0
     Flow Due to Lockages+:         20
     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)  (Deg◆)   (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:                         -NR-     0.00     0.00      51       5
  S78:                         -NR-     0.00     0.00      45       1
  S79:                         -NR-     0.00     0.00     -NR-     -NR-
  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:                        -NR-     0.00     0.00      58       2
  S80:                         -NR-     0.00     0.00     102       1
      Okeechobee Average       -NR-     0.00     0.00
     (Sites S78, S79 and S80 not included)
  ----------------------------------------------------------------
  Oke Nexrad Basin Avg         -NR-     0.00     0.00
  ----------------------------------------------------------------



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Okeechobee Lake Elevations  23 OCT 2022        15.57 Difference from 23OCT22
   23OCT22  -1 Day  =       22 OCT 2022         15.53          -0.04
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230CT22  -2 Days =      21 OCT 2022      15.48        -0.09
230CT22  -3 Days =      20 OCT 2022      15.45        -0.12
230CT22  -4 Days =      19 OCT 2022      15.40        -0.17
230CT22  -5 Days =      18 OCT 2022      15.36        -0.21
230CT22  -6 Days =      17 OCT 2022      15.24        -0.33
230CT22  -7 Days =      16 OCT 2022      15.17        -0.40
230CT22 -30 Days =      23 SEP 2022      12.99        -2.58
230CT22  -1 Year =      23 OCT 2021      15.84         0.27
230CT22  -2 Year =      23 OCT 2020      16.35         0.78
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Long Term Mean 30day Avearge ET for Lake Alfred (Inches) =  -NR-

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### Lake Okeechobee Net Inflow (LONIN)

| | | Average Flow over the previous 14 days | | | Avg-Daily Flow |
|---|---|---|---|---|---|
| 230CT22 | Today = | 23 OCT 2022 | 16001 | MON | 9091 |
| 230CT22 | -1 Day  = | 22 OCT 2022 | 16425 | SUN | 10840 |
| 230CT22 | -2 Days = | 21 OCT 2022 | 16883 | SAT | 6504 |
| 230CT22 | -3 Days = | 20 OCT 2022 | 17628 | FRI | 10840 |
| 230CT22 | -4 Days = | 19 OCT 2022 | 18064 | THU | 8672 |
| 230CT22 | -5 Days = | 18 OCT 2022 | 18676 | WED | 26015 |
| 230CT22 | -6 Days = | 17 OCT 2022 | 18042 | TUE | 15175 |
| 230CT22 | -7 Days = | 16 OCT 2022 | 18320 | MON | 13008 |
| 230CT22 | -8 Days = | 15 OCT 2022 | 18903 | SUN | 21679 |
| 230CT22 | -9 Days = | 14 OCT 2022 | 19018 | SAT | 23343 |
| 230CT22 | -10 Days = | 13 OCT 2022 | 19015 | FRI | 23797 |
| 230CT22 | -11 Days = | 12 OCT 2022 | 19584 | THU | 21175 |
| 230CT22 | -12 Days = | 11 OCT 2022 | 21514 | WED | 14823 |
| 230CT22 | -13 Days = | 10 OCT 2022 | 21968 | TUE | 19058 |

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### S65E

| | | Average Flow over previous 14 days | | | Avg-Daily Flow |
|---|---|---|---|---|---|
| 230CT22 | Today= | 23 OCT 2022 | 12522 | MON | 10762 |
| 230CT22 | -1 Day  = | 22 OCT 2022 | 12693 | SUN | 11281 |
| 230CT22 | -2 Days = | 21 OCT 2022 | 12830 | SAT | 11838 |
| 230CT22 | -3 Days = | 20 OCT 2022 | 12908 | FRI | 12231 |
| 230CT22 | -4 Days = | 19 OCT 2022 | 12928 | THU | 12461 |
| 230CT22 | -5 Days = | 18 OCT 2022 | 12876 | WED | 12631 |
| 230CT22 | -6 Days = | 17 OCT 2022 | 12763 | TUE | 12721 |
| 230CT22 | -7 Days = | 16 OCT 2022 | 12570 | MON | 12904 |
| 230CT22 | -8 Days = | 15 OCT 2022 | 12312 | SUN | 13298 |
| 230CT22 | -9 Days = | 14 OCT 2022 | 12012 | SAT | 13095 |
| 230CT22 | -10 Days = | 13 OCT 2022 | 11691 | FRI | 12926 |
| 230CT22 | -11 Days = | 12 OCT 2022 | 11314 | THU | 13120 |
| 230CT22 | -12 Days = | 11 OCT 2022 | 10858 | WED | 13054 |
| 230CT22 | -13 Days = | 10 OCT 2022 | 10321 | TUE | 12990 |

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### S65EX1

| | | Average Flow over previous 14 days | | | Avg-Daily Flow |
|---|---|---|---|---|---|
| 230CT22 | Today= | 23 OCT 2022 | 266 | MON | 261 |
| 230CT22 | -1 Day  = | 22 OCT 2022 | 268 | SUN | 264 |
| 230CT22 | -2 Days = | 21 OCT 2022 | 269 | SAT | 266 |
| 230CT22 | -3 Days = | 20 OCT 2022 | 270 | FRI | 269 |
| 230CT22 | -4 Days = | 19 OCT 2022 | 272 | THU | 264 |
| 230CT22 | -5 Days = | 18 OCT 2022 | 273 | WED | 259 |
| 230CT22 | -6 Days = | 17 OCT 2022 | 276 | TUE | 259 |
| 230CT22 | -7 Days = | 16 OCT 2022 | 278 | MON | 260 |
| 230CT22 | -8 Days = | 15 OCT 2022 | 281 | SUN | 262 |
| 230CT22 | -9 Days = | 14 OCT 2022 | 283 | SAT | 268 |
| 230CT22 | -10 Days = | 13 OCT 2022 | 286 | FRI | 269 |
| 230CT22 | -11 Days = | 12 OCT 2022 | 292 | THU | 272 |
| 230CT22 | -12 Days = | 11 OCT 2022 | 346 | WED | 277 |
| 230CT22 | -13 Days = | 10 OCT 2022 | 392 | TUE | 278 |

Lake Okeechobee Outlets Last 14 Days

| DATE | S-77 Discharge (ALL DAY) (AC-FT) | Below S-77 Discharge (ALL-DAY) (AC-FT) | S-78 Discharge (ALL DAY) (AC-FT) | S-79 Discharge (ALL DAY) (AC-FT) |
|---|---|---|---|---|
| 23 OCT 2022 | -NR- | -140 | 370 | 2066 |
| 22 OCT 2022 | 12 | -208 | 364 | 2240 |
| 21 OCT 2022 | 12 | -294 | 557 | 2286 |
| 20 OCT 2022 | 14 | -97 | 670 | 2594 |
| 19 OCT 2022 | 12 | -0 | 663 | 3754 |
| 18 OCT 2022 | 5 | 172 | 583 | 3678 |
| 17 OCT 2022 | 8 | 142 | 1499 | 5277 |
| 16 OCT 2022 | 4 | -14 | 2181 | 5856 |
| 15 OCT 2022 | 6 | 326 | 2492 | 7501 |
| 14 OCT 2022 | 7 | 763 | 3726 | 9721 |
| 13 OCT 2022 | 2 | 454 | 2690 | 8224 |
| 12 OCT 2022 | 5 | -104 | 353 | 3560 |
| 11 OCT 2022 | 8 | 45 | 428 | 3895 |
| 10 OCT 2022 | 7 | 62 | 747 | 4483 |

| DATE | S-310 Discharge (ALL DAY) (AC-FT) | S-351 Discharge (ALL DAY) (AC-FT) | S-352 Discharge (ALL DAY) (AC-FT) | S-354 Discharge (ALL DAY) (AC-FT) | L8 Canal Pt Discharge (ALL DAY) (AC-FT) |
|---|---|---|---|---|---|
| 23 OCT 2022 | 20 | 0 | 0 | 293 | -4 |
| 22 OCT 2022 | 41 | 0 | 0 | 0 | -2 |
| 21 OCT 2022 | -5 | 0 | 0 | 0 | 3 |
| 20 OCT 2022 | -5 | 0 | 0 | 0 | -39 |
| 19 OCT 2022 | 62 | 0 | 0 | 0 | -NR- |
| 18 OCT 2022 | -24 | 0 | 0 | 0 | -422 |
| 17 OCT 2022 | -132 | 0 | 0 | 0 | -550 |
| 16 OCT 2022 | -10 | 0 | 0 | 0 | -621 |
| 15 OCT 2022 | -79 | 0 | 0 | 0 | -630 |
| 14 OCT 2022 | -225 | 0 | 0 | 0 | -690 |
| 13 OCT 2022 | -139 | 0 | 0 | 0 | -200 |
| 12 OCT 2022 | -61 | 0 | 0 | 0 | -47 |
| 11 OCT 2022 | -105 | 0 | 0 | 0 | -154 |
| 10 OCT 2022 | -127 | 0 | 0 | 0 | -328 |

| DATE | S-308 Discharge (ALL DAY) (AC-FT) | Below S-308 Discharge (ALL-DAY) (AC-FT) | S-80 Discharge (ALL-DAY) (AC-FT) |
|---|---|---|---|
| 23 OCT 2022 | 528 | -NR- | 39 |
| 22 OCT 2022 | -NR- | -NR- | 37 |
| 21 OCT 2022 | 9 | -NR- | 20 |
| 20 OCT 2022 | 5 | -NR- | 43 |
| 19 OCT 2022 | 3 | -NR- | 25 |
| 18 OCT 2022 | 3 | -NR- | 1063 |
| 17 OCT 2022 | 1 | -NR- | 22 |
| 16 OCT 2022 | 4 | -NR- | 42 |
| 15 OCT 2022 | 3 | -NR- | 20 |
| 14 OCT 2022 | 2 | -NR- | 487 |
| 13 OCT 2022 | 1 | -NR- | 1034 |
| 12 OCT 2022 | 1 | -NR- | 336 |
| 11 OCT 2022 | 1 | -NR- | 594 |
| 10 OCT 2022 | 2 | -NR- | 28 |

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

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

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   * 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
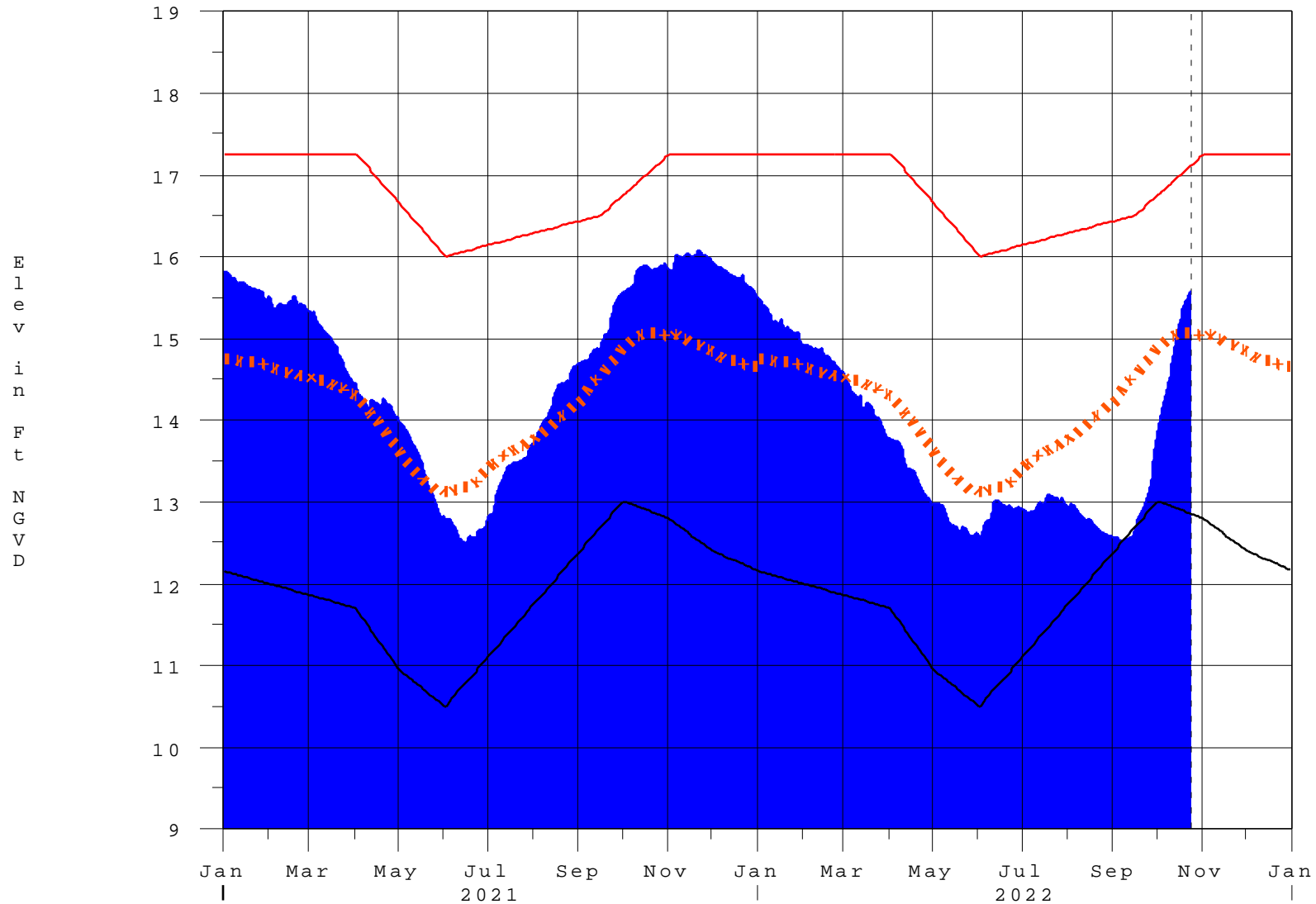
_____
Report Generated 24OCT2022 @ 09:39  ** Preliminary Data - Subject to Revision **

Lake Okeechobee

# 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 >= 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<br><br>[million acre-feet] | Equivalent Depth**<br><br>[feet] | Lake Okeechobee<br><br>Net Inflow<br><br>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**