Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 7/6/2015 (Developing El Nino Condition)

Lake Okeechobee Net Inflow Outlook:

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method[1], the SFWMD empirical method[2], a sub-sampling of El Nino years[3] and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with ENSO El Nino 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 ENSO El Nino Years[3]		Sub-sampling of AMO Warm + ENSO El Nino Years[4]	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Jul-Dec)	N/A	N/A	2.39	Very Wet	2.37	Very Wet	2.64	Very Wet
Multi Seasonal (Jul-Apr)	N/A	N/A	2.86	Wet	3.67	Wet	4.37	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:

-2225 cfs 14-day running average for Lake Okeechobee Net Inflow through 7/5/2015. According to the classification in Tributary Hydrologic Conditions table, this condition is Dry.

- 2.07 for Palmer Index on 7/4/2015. According to the classification in Tributary Hydrologic Conditions table, this condition is Dry.

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 7/6/2015

Lake Okeechobee Stage: **12.11 feet**

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechobee Management Zone/Band		Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Management Band		16.16	
Operational Band	High sub-band	15.71	
	Intermediate sub-band	15.25	
	Low sub-band	13.33	
Base Flow sub-band		12.60	
Beneficial Use sub-band		11.22	← 12.11
Water Shortage Management Band			

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: No Releases to the WCAs

Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: No Releases to the Estuaries

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 7/6/2015 (ENSO Neutral Condition):

Water Supply Department Technical Input

Water Supply Outlook:

District wide, Raindar rainfall 1.62 inches for the week ending 7/6/2015. Lake stage on 7/6/2015 is 12.11 ft, down 0.13 ft from last week.

The updated June 2015 SFWMM Dynamic Position Analysis percentile graph and tracking chart for Lake Okeechobee show that the lake stage is in the Low Flow Operational Sub-Band.

The LORS2008 tributary indices are classified as **Dry**. The PDSI indicates dry 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	-2.07 (Dry)	M
	CPC Precipitation Outlook	1 month: Normal	L
		3 months: Normal	L
	LOK Seasonal Net Inflow Forecast AMO warm/El Nino	2.64 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Forecast AMO warm/El Nino	4.37 ft (Wet)	L
WCAs	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Between Line 1 & 2 (14.59 ft)	M
	WCA 2A: Site 2-17 HW	Below Line 2 (10.31 ft)	H
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Between Line 1 & 2 (8.71 ft)	M
LEC	Service Area 1	Year-Round Irrigation Rule in effect	L
	Service Area 2	50% or more of USGS wells are within the lowest 10% to 30% of past water elevations and not more than 25% are in the lowest 10% of past water elevations	M
	Service Area 3	50% or more of USGS wells are within the lowest 10% to 30% of past water elevations and more than 25% are in the lowest 10% of past water elevations	H

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 June 2015 Dynamic Position Analysis

Percentiles PA_DPA2

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

Intermediate Sub-Band

Beneficial Use Sub-Band

Y-axis: Stage (feet, NGVD)

X-axis: May, Jun

Band legend: HLM | High | Inter | Low | BasFlo | BenUse
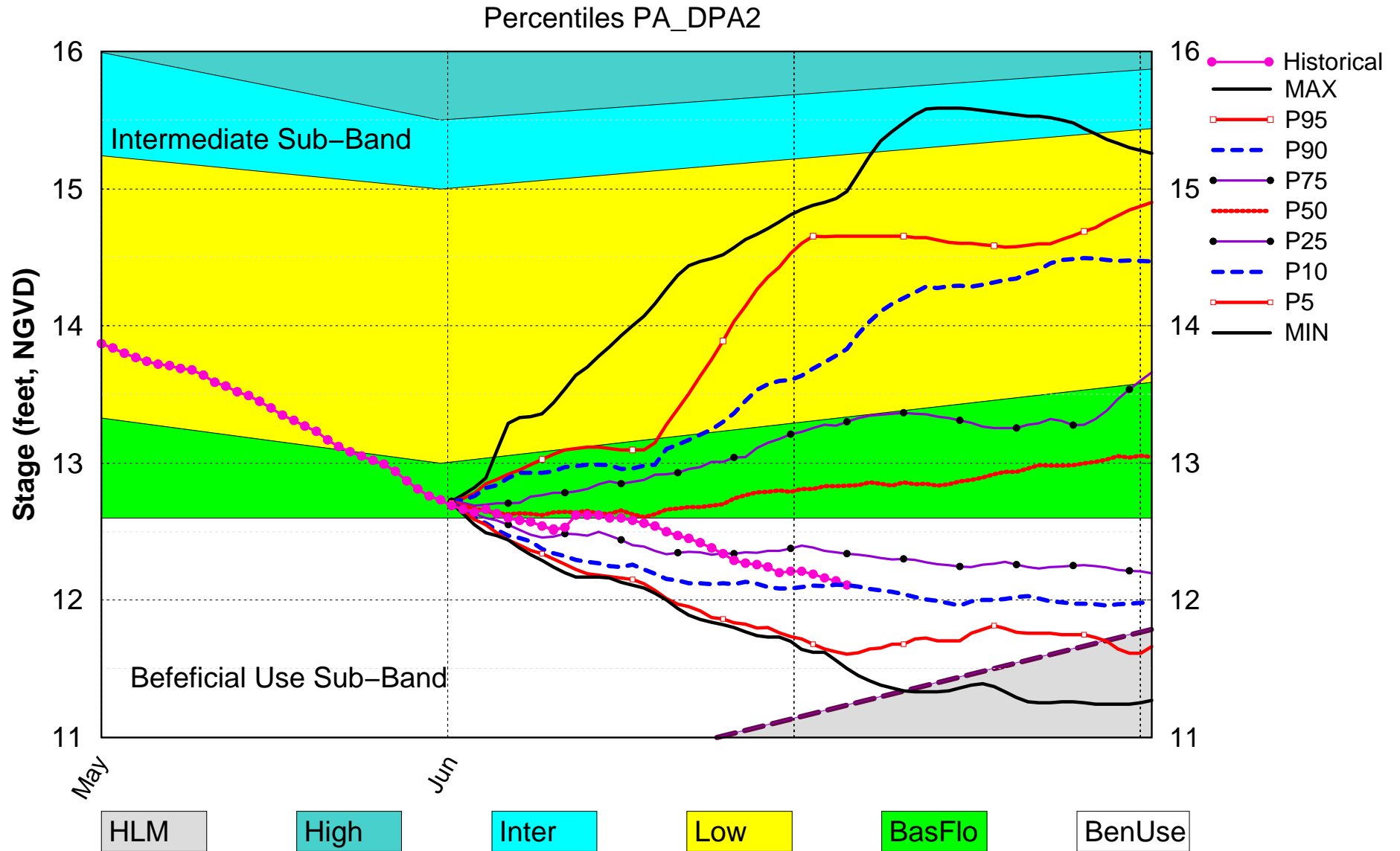
(See assumptions on the Position Analysis Results website)

Mon Jul 6 15:45:17 EDT 2015

Tributary Basin Condition Indicators as of July 6 2015

Palmer Index

Legend:
- < Very Wet (red)
- < Wet (blue)
- > Dry (green)
- > Very Dry (yellow)
- Normal (shaded)
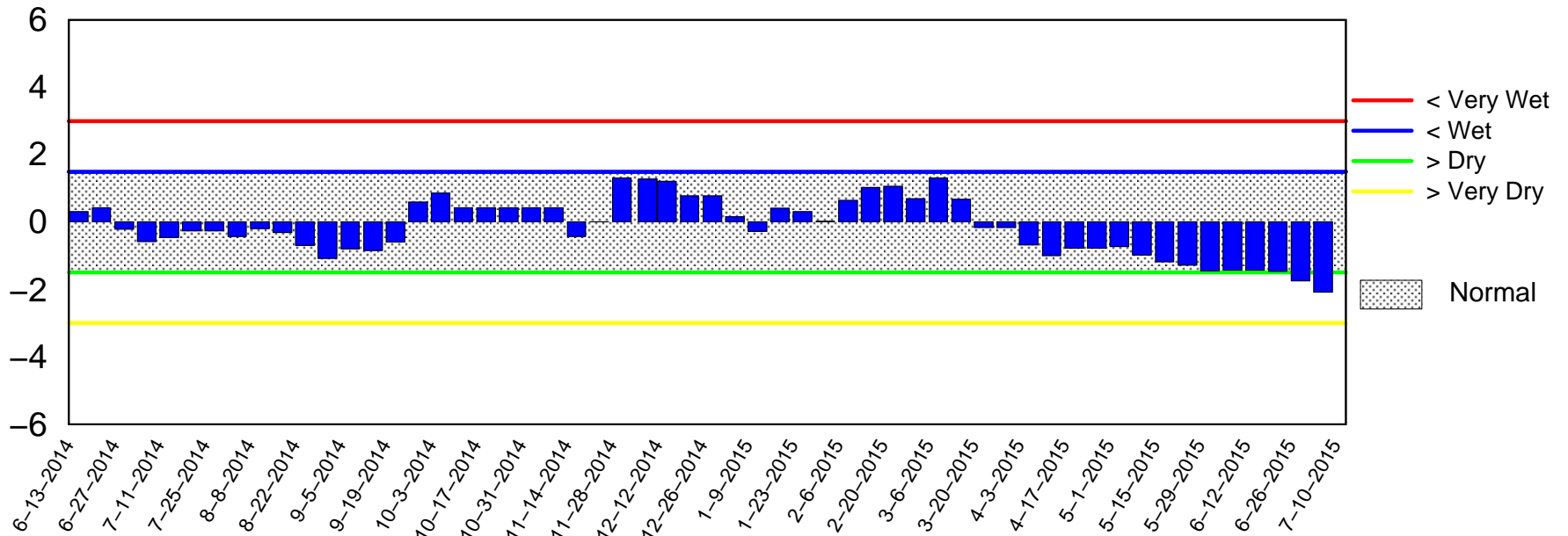
Lake Okeechobee Net Inflow (LONIN) 14–day Running Average

Flow (cfs)

Legend:
- < Very Wet (red)
- < Wet (blue)
- > Dry (green)
- > Very Dry (yellow)
- Normal (shaded)

Mon Jul 06 15:02:50 EDT 2015
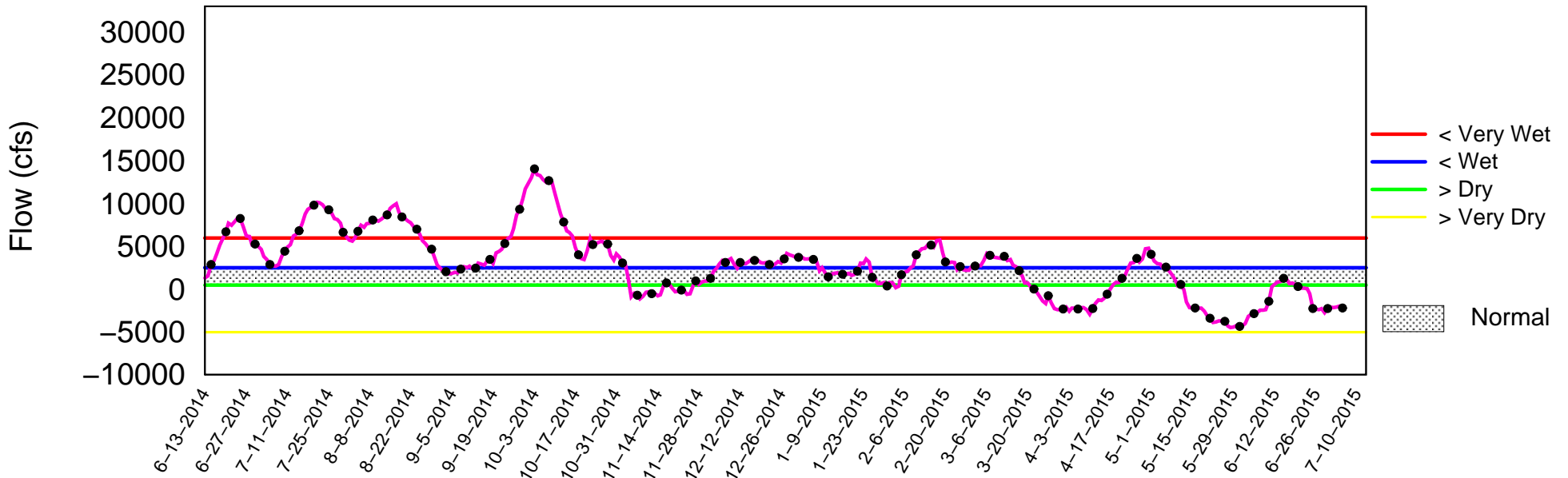
2008 LORS

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* → No Releases to WCAs
- *DRY* → No Releases to WCAs

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**

START Lake Okeechobee Level

High → Tributary Hydrologic Conditions
- VERY WET → Up to 30 day Meteorological Forecast
- NORMAL TO WET
- DRY → Up to 30 day Meteorological Forecast

Up to 30 day Meteorological Forecast:
- *Lake level projected to rise to High Lake Management Band*
- NORMAL TO DRY
- NORMAL TO VERY WET → Seasonal Climate/Hydrologic Outlook
- DRY

Seasonal Climate/Hydrologic Outlook:
- WET TO VERY WET → **S-77 Up to 6500 cfs / S-80 Up to 2800 cfs**
- NORMAL TO DRY → **S-79 Up to 3000 cfs / S-80 Up to 1170 cfs**

Intermediate → Tributary Hydrologic Conditions
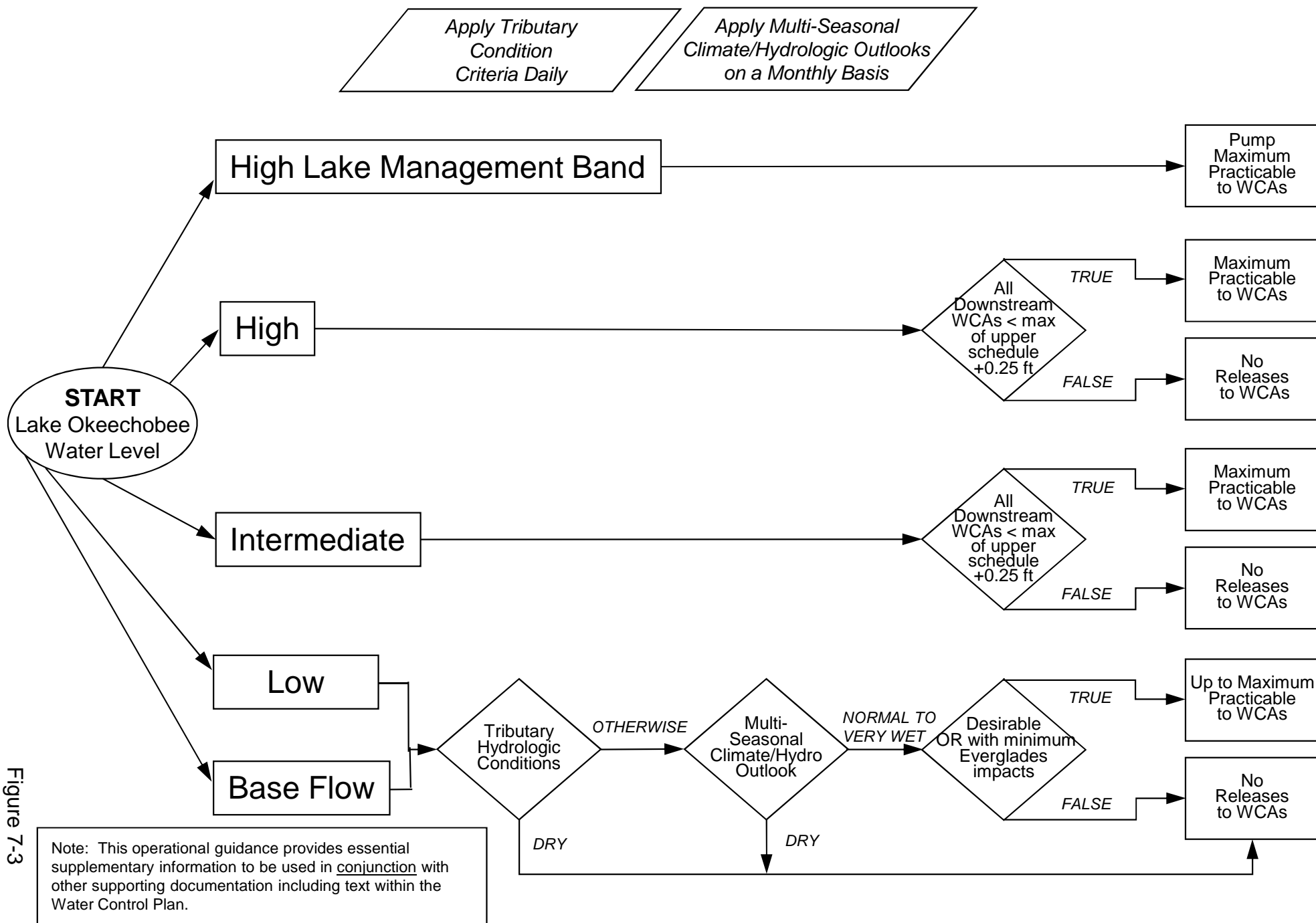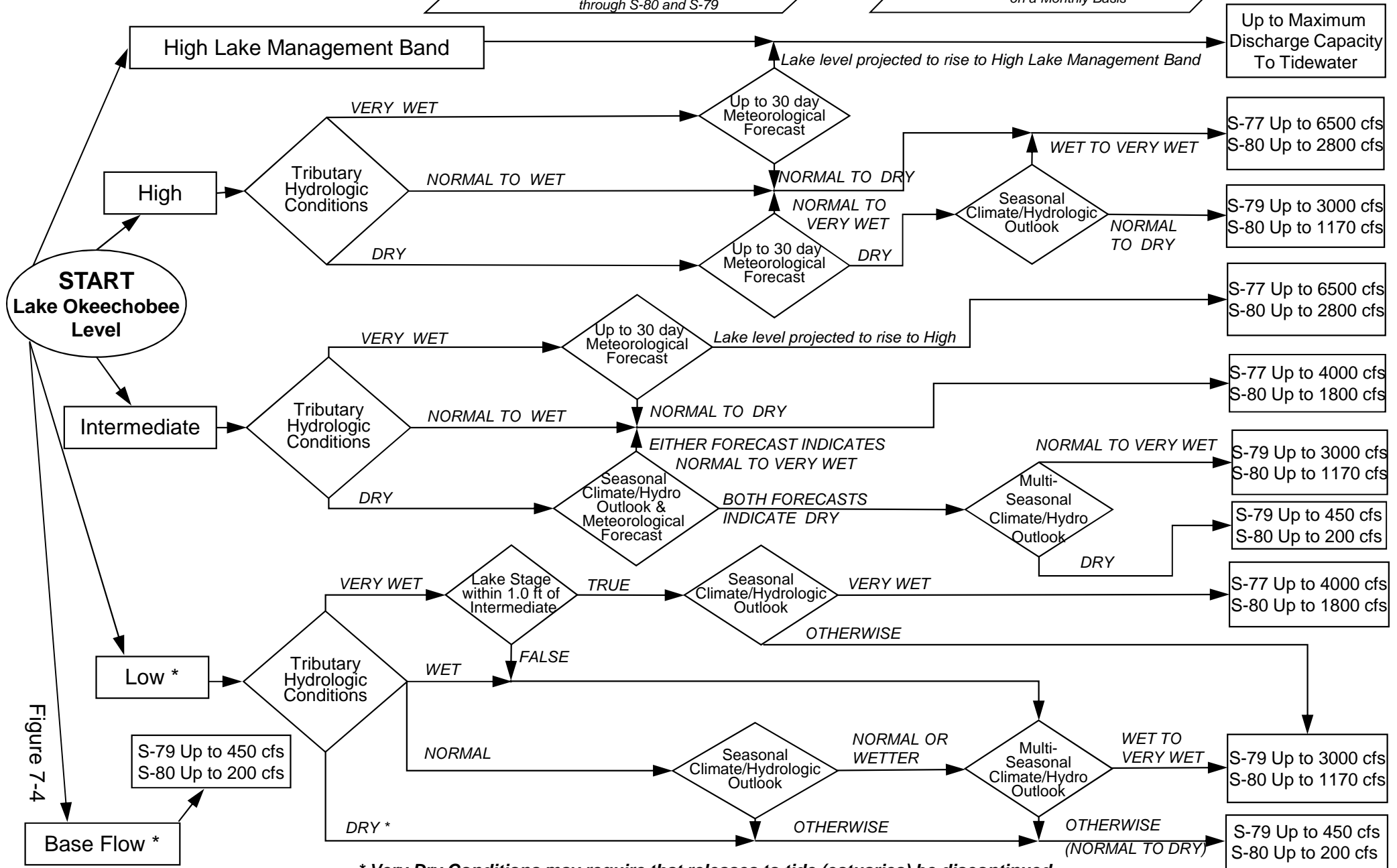- VERY WET → Up to 30 day Meteorological Forecast
  - *Lake level projected to rise to High* → **S-77 Up to 6500 cfs / S-80 Up to 2800 cfs**
  - NORMAL TO DRY → **S-77 Up to 4000 cfs / S-80 Up to 1800 cfs**
- NORMAL TO WET
- DRY → Seasonal Climate/Hydro Outlook & Meteorological Forecast
  - *EITHER FORECAST INDICATES NORMAL TO VERY WET*
  - BOTH FORECASTS INDICATE DRY → Multi-Seasonal Climate/Hydro Outlook
    - NORMAL TO VERY WET → **S-79 Up to 3000 cfs / S-80 Up to 1170 cfs**
    - DRY → **S-79 Up to 450 cfs / S-80 Up to 200 cfs**

Low * → Tributary Hydrologic Conditions
- VERY WET → Lake Stage within 1.0 ft of Intermediate
  - TRUE → Seasonal Climate/Hydrologic Outlook
    - VERY WET → **S-77 Up to 4000 cfs / S-80 Up to 1800 cfs**
    - OTHERWISE
  - FALSE
- 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 (NORMAL TO DRY) → **S-79 Up to 450 cfs / S-80 Up to 200 cfs**
  - OTHERWISE
- DRY *

Base Flow * → **S-79 Up to 450 cfs / S-80 Up to 200 cfs**

Figure 7-4

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

Lake Okeechobee Water Level History and Projected Stages

12.15 ft, NGVD
7-Jul-2015

HIGH LAKE MANAGEMENT BAND

HIGH

INTERMEDIATE

LOW

BASE FLOW

BENEFICIAL USE

WATER SHORTAGE MANAGEMENT

S-79 (1700 cfs for 7 days)
Starting: 13-Feb, 20-Feb
S-79 (2000 cfs for 7 days)
Starting: 27-Feb
S-79 (2500 cfs for 7 days)
Starting: 6-Mar, 13-Mar, 20-Mar, 27-Mar
S-79 (2000 cfs for 7 days)
Starting: 3-Apr
S-79 (1800 cfs for 7 days)
Starting: 10-Apr

S-79 (1500 cfs for 7 days)
Starting: 17-Apr
S-79 (1800 cfs for 7 days)
Starting: 24-Apr
S-79 (2000 cfs for 7 days)
Starting: 4-May, 8-May, 15-May
S-79 (1400 cfs for 7 days)
Starting: 22-May
S-79 (750 cfs for 7 days)
Starting: 29-May
S-79 (650 cfs for 7 days)
Starting: 5-Jun
S-79 (0 cfs for 7 days)
Starting: 12-Jun, 19-Jun, 26-Jun, 3-Jul

S-80 (0 cfs for 7 days)
Starting: 24-Apr
S-80 (500 cfs for 7 days)
Starting: 27-Mar
S-80 (730 cfs for 7 days)
Starting: 20-Mar
S-80 (950 cfs for 7 days)
Starting: 6-Mar, 13-Mar
S-80 (730 cfs for 7 days)
Starting: 27-Feb
S-80 (500 cfs for 7 days)
Starting: 13-Feb
S-80 (300 cfs for 7 days)
Starting: 16-Jan, 23-Jan, 30-Jan, 6-Feb

S-80 (0 cfs)
Starting: 29-May, 5-Jun, 12-Jun, 19 Jun, 26-Jun, 3-Jul
S-80 (200 cfs for 7 days)
Starting: 22-May
S-80 (700 cfs for 7 days)
Starting: 15-May
S-80 (900 cfs for 7 days)
Starting: 4-May, 8-May

Max

75%

50%

25%

Min

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

Water Level (ft, NGVD)

Jan-2015   Jul-2015   Jan-2016   Jul-2016   Jan-2017

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   05 JUL 2015
_____


Okeechobee Lake Regulation       Elevation    Last Year   2YRS Ago
                                  (ft-NGVD)    (ft-NGVD)   (ft-NGVD)
  *Okeechobee Lake Elevation        12.11        13.02      14.60 (Official Elv)
  Bottom of High Lake Mngmt= 16.16  Top of Water Short Mngmt= 11.20
  Currently in Operational Management Band

  Simulated Average LORS2008 [1965-2000]    12.35
  Difference from Average LORS2008          -0.24

  05JUL (1965-2007) Period of Record Average    13.48
  Difference from POR Average                   -1.38

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

  ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷
6.05'
  ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷
4.25'
  Bridge Clearance = 50.31'
_____

_


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

  L001    L005    L006    LZ40    S4      S352    S308    S133
  11.93   12.21   12.20   -NR-    12.21   12.22   12.03   12.02


  *Combination Okeechobee  Avg-Daily Lake Average =  12.11
                                                     (*See Note)
_____

_


Okeechobee Inflows (cfs):
  S65E             508     S191             0     Fisheating Cr  232
  S154               0     S133 Pumps       0     S135 Pumps       0
  S84             -NR-     S127 Pumps       0     S2 Pumps         0
  S71              290     S129 Pumps       0     S3 Pumps         0
  S72               66     S131 Pumps       0     S4 Pumps         0
  C5                 0
Total Inflows:   1096

Okeechobee Outflows (cfs):
  S135 Culverts  -NR-     S354           406     S77            126
(Used)
  S127 Culverts     0     S351           541     S77Below       132 (NOT
USED)
```

```
     S129 Culverts    0       S352            393      S308                -4
(Used)
     S131 Culverts         L8 Canal Pt  -138      S308Below       -6 (NOT
USED)
Total Outflows:   1325


****S77 Structure outflow is being used to compute Total Outflow.
****S308 Structure outflow is being used to compute Total Outflow.

Okeechobee Pan Evaporation (inches):
  S77          0.00       S308           0.40
  Average Pan Evap x 0.75 Pan Coefficient =  0.15" =  0.01'

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  -5748 cfs or -11400 AC-FT
_____
_
_____
_




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

            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: 13.12    10.86       0      0    0    0    0    0  (cfs)
  S193:            _____
  S191:        18.55    10.97       0    0.0  0.0  0.0
  S135 Pumps: _____    -NR-        0      0    0    0    0     (cfs)
  S135 Culverts:             -NR-  -NR- -NR-

North West Shore
  S65E:        20.91    10.68     508    1.2  0.7  0.7  0.7  0.7  0.0
  S127 Pumps: 13.27    11.79       0      0    0    0    0    0  (cfs)
  S127 Culvert:               0    0.0

  S129 Pumps: 12.54    11.67       0      0    0    0         (cfs)
  S129 Culvert:               0    0.1

  S131 Pumps: 13.33    12.44       0      0    0            (cfs)
  S131 Culvert:

  Fisheating Creek
    nr Palmdale        31.60     232
    nr Lakeport        12.72
```

```
   C5:            13.39    12.31      0    0.0  0.0  0.0

South Shore
  S4 Pumps:      12.23    12.71      0     0    0    0              (cfs)
  S169:          12.72    12.53     13    5.0  5.0  5.0
  S310:          12.83              109
  S3 Pumps:      10.82    13.40      0     0    0    0              (cfs)
  S354:          13.40    10.82    406    0.0  0.0
  S2 Pumps:      10.40    13.18      0     0    0    0    0         (cfs)
  S351:          13.18    10.40    541    0.0  0.0  0.0
  S352:          12.42    10.60    393    0.2  0.2
  C10A:           -NR-    12.44           8.5  8.5  8.5  8.5  8.5
  L8 Canal PT             12.23   -138

_____
            S351 and S352 Temporary Pumps/S354 Spillway

  S351:          10.40    13.18    541   -NR--NR--NR--NR--NR--NR-
  S352:          10.60    12.42    393   -NR--NR--NR--NR-
  S354:          10.82    13.40    406   -NR--NR--NR--NR-
_____

Caloosahatchee River (S77, S78, S79)
  S47B:          13.47    10.73           0.0  0.0
  S47D:          10.92    10.92    -46    5.0
  S77:
    Spillway and Sector Flow:
                 12.11    10.99    124    0.0  0.5  0.5  0.0
    Flow Due to Lockages+:        2

  S77 Below USGS Flow Gage        132

  S78:
    Spillway and Sector Flow:
                 10.75     3.36      0    0.0  0.0  0.0  0.0
    Flow Due to Lockages+:         11

  S79:
    Spillway and Sector Flow:
                  3.38     1.21     56    0.0  0.0  0.0  0.0  1.0  1.0  1.0
1.0
    Flow Due to Lockages+:          6
    Percent of flow from S77     221%
    Chloride         (ppm)        72


St. Lucie Canal (S308, S80)
  S308:
    Spillway and Sector Flow:
                 11.87    13.19      0    0.0  0.0  0.0  0.0
    Flow Due to Lockages+:        -4

  S308 Below USGS Flow Gage       -6
  S153:          18.75    13.02     34    1.0  1.0
  S80:
    Spillway and Sector Flow:
                  -NR-     -NR-   -NR-    0.0  0.0  0.0  0.0  0.0  0.0  0.0
```

```
   Flow Due to Lockages+:          -NR-
   Percent of flow from S308      -NR-%

 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.
_____

                                                     ----- Wind ---

Daily Precipitation Totals   1-Day   3-Day   7-Day   Direction
Speed
                             (inches)   (inches)   (inches)   (Degø)
(mph)

	1-Day (inches)	3-Day (inches)	7-Day (inches)	Direction (Degø)	Speed (mph)
S133 Pump Station:	-NR-	0.00	1.14		
S193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-	0.00	0.00		
S135 Pump Station:	-NR-	0.00	0.83		
S127 Pump Station:	-NR-	0.00	0.77		
S129 Pump Station:	-NR-	0.00	0.09		
S131 Pump Station:	-NR-	0.00	0.83		
S77:	1.62	2.33	3.28	48	1
S78:	2.53	2.56	2.81	238	2
S79:	0.39	0.81	0.87	170	6
S4 Pump Station:	-NR-	0.00	0.00		
Clewiston Field Station:	-NR-	0.00	0.00		
S3 Pump Station:	-NR-	0.00	0.27		
S2 Pump Station:	-NR-	0.00	0.15		
S308:	0.00	1.58	2.47	318	14
S80:	-NR-	0.48	0.78	-NR-	-NR-
Okeechobee Average	0.81	0.30	0.76		

        (Sites S78, S79 and S80 not included)

 Oke Nexrad Basin Avg   -NR-   0.11   1.95

_____

Okeechobee Lake Elevations 05 JUL 2015   12.11 Difference from
05JUL15

05JUL15	-1 Day	=	04 JUL 2015	12.14	0.03
05JUL15	-2 Days	=	03 JUL 2015	12.16	0.05
05JUL15	-3 Days	=	02 JUL 2015	12.19	0.08
05JUL15	-4 Days	=	01 JUL 2015	12.21	0.10
05JUL15	-5 Days	=	30 JUN 2015	12.21	0.10
05JUL15	-6 Days	=	29 JUN 2015	12.20	0.09
05JUL15	-7 Days	=	28 JUN 2015	12.24	0.13
05JUL15	-30 Days	=	05 JUN 2015	12.60	0.49
05JUL15	-1 Year	=	05 JUL 2014	13.02	0.91
05JUL15	-2 Year	=	05 JUL 2013	14.60	2.49

_____

_
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
     05JUL15   Today =   05 JUL 2015   -1579 MON | -4284
     05JUL15 -1 Day =   04 JUL 2015   -1277 SUN | -2434
     05JUL15 -2 Days =   03 JUL 2015   -2226 SAT | -4261
     05JUL15 -3 Days =   02 JUL 2015   -1971 FRI | -NR-
     05JUL15 -4 Days =   01 JUL 2015   -1906 THU | -NR-
     05JUL15 -5 Days =   30 JUN 2015   -1906 WED | 4926
     05JUL15 -6 Days =   29 JUN 2015   -2677 TUE | -4853
     05JUL15 -7 Days =   28 JUN 2015   -2015 MON | -997
     05JUL15 -8 Days =   27 JUN 2015   -2206 SUN | 1038
     05JUL15 -9 Days =   26 JUN 2015   -2265 SAT | -459
     05JUL15 -10 Days =   25 JUN 2015   -2181 FRI | -NR-
     05JUL15 -11 Days =   24 JUN 2015   -155 THU | -NR-
     05JUL15 -12 Days =   23 JUN 2015   263 WED | -NR-
     05JUL15 -13 Days =   22 JUN 2015   219 TUE | -2889

_____

_

_____

_
                                  S65E
                   Average Flow over previous 14 days | Avg-Daily Flow
     05JUL15   Today=   05 JUL 2015   420 MON | 508
     05JUL15 -1 Day =   04 JUL 2015   416 SUN | 330
     05JUL15 -2 Days =   03 JUL 2015   410 SAT | 469
     05JUL15 -3 Days =   02 JUL 2015   409 FRI | -NR-
     05JUL15 -4 Days =   01 JUL 2015   419 THU | -NR-
     05JUL15 -5 Days =   30 JUN 2015   419 WED | 334
     05JUL15 -6 Days =   29 JUN 2015   433 TUE | 227
     05JUL15 -7 Days =   28 JUN 2015   476 MON | 480
     05JUL15 -8 Days =   27 JUN 2015   480 SUN | 488
     05JUL15 -9 Days =   26 JUN 2015   505 SAT | 507
     05JUL15 -10 Days =   25 JUN 2015   539 FRI | -NR-
     05JUL15 -11 Days =   24 JUN 2015   547 THU | -NR-
     05JUL15 -12 Days =   23 JUN 2015   550 WED | -NR-
     05JUL15 -13 Days =   22 JUN 2015   518 TUE | 439

_____

_
Lake Okeechobee Outlets Last 14 Days

	S-77 Discharge (0700-2100) (AC-FT)	S-77 Discharge (ALL DAY) (AC-FT)	Below S-77 Discharge (ALL-DAY) (AC-FT)	S-78 Discharge (0700-2100) (AC-FT)	S-78 Discharge (ALL DAY) (AC-FT)	S-79 Discharge (ALL DAY) (AC-FT)
DATE						
05 JUL 2015	148	250	263	0	22	122
04 JUL 2015	153	224	220	0	13	12
03 JUL 2015	72	-NA-	72	0	7	625
02 JUL 2015	0	2	-118	0	18	434
01 JUL 2015	9	44	-62	0	20	595
30 JUN 2015	40	56	72	0	22	279
29 JUN 2015	0	3	-130	122	316	833
28 JUN 2015	0	2	-62	343	608	2508

```
27 JUN 2015         0          2        -66        340        584       2588
26 JUN 2015         0          2        -34        263        602       2412
25 JUN 2015        38        -NA-        86        189        -NR-      2302
24 JUN 2015       167        404        395          0         23       1074
23 JUN 2015       230        414        537          0         22        258
22 JUN 2015       133        -NA-       213          0         22        671


                  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)
05 JUL 2015       217       1073        779        805       -273
04 JUL 2015       256        940        873        740       -287
03 JUL 2015       222       1364        845        652       -200
02 JUL 2015        -3        -NR-       -NR-       -NR-      -164
01 JUL 2015      -191        -NR-       -NR-       -NR-      -178
30 JUN 2015      -118       2905       1110       1801        -96
29 JUN 2015       359       2965       1225       1783         -2
28 JUN 2015       438       2927       1352       1543        -37
27 JUN 2015       382       3068       1311       1578        -70
26 JUN 2015       527       3518       1311       2060         -4
25 JUN 2015       557        -NR-       -NR-       -NR-        77
24 JUN 2015       149        -NR-       -NR-       -NR-       -66
23 JUN 2015       166        -NR-       -NR-       -NR-        13
22 JUN 2015       248       2741       1047       1898        -28


                  S-308    Below S-308    S-80
                Discharge  Discharge   Discharge
                (ALL DAY)  (ALL-DAY)   (ALL-DAY)
        DATE    (AC-FT)    (AC-FT)     (AC-FT)
05 JUL 2015        -8         -11        -NR-
04 JUL 2015        -4         146          31
03 JUL 2015        -4          20          27
02 JUL 2015        -7          21          19
01 JUL 2015        -8         132          32
30 JUN 2015       -11          97          41
29 JUN 2015        -7         -72          33
28 JUN 2015        -8          17          41
27 JUN 2015       -11        -204          36
26 JUN 2015        -6        -108          20
25 JUN 2015        -5         -97          36
24 JUN 2015        -8        -144          32
23 JUN 2015        -5         -66          28
22 JUN 2015        -5        -115          20
```

*** NOTE: 1) Discharge from (0700-2100) is computed using Spillway and Sector
            Gate Discharges from 0700 hrs to 2100 hrs.
         2) Discharge (ALL DAY) is computed using Spillway, Sector Gate and
            Lockages Discharges from 0015 hrs 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 06JUL2015 @ 11:06 ** Preliminary Data - Subject to Revision
**

Lake Okeechobee

06JUL15 11:00:22
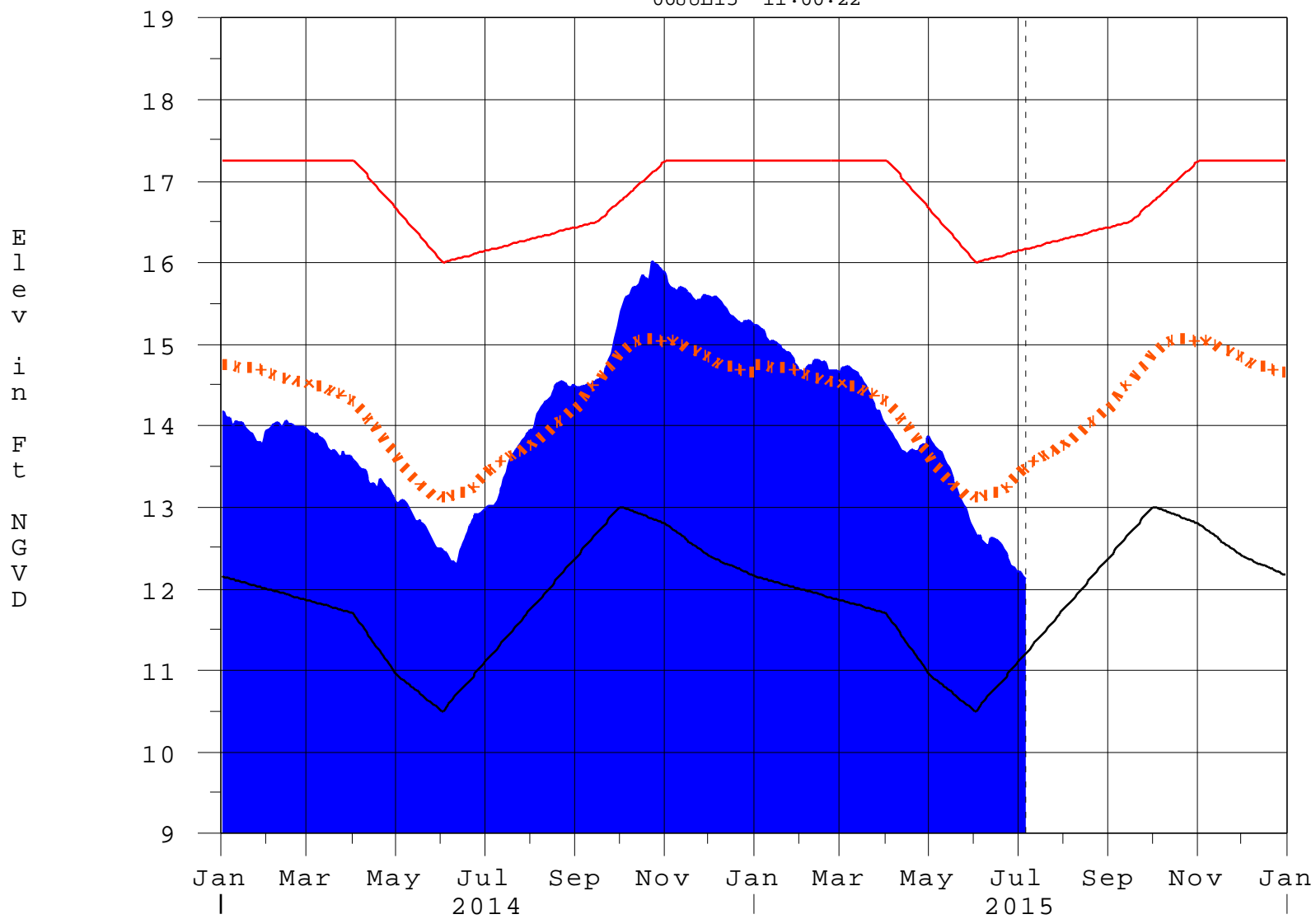
Legend:
- High Lake Management
- Okeechobee Avg Elev
- Average Elev [1965-2007]
- Water Shortage Management

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 >= 6000 cfs
Wet	1.5 to 2.99	2500 - 5999 cfs
Near Normal	-1.49 to 1.49	500 - 2499 cfs
Dry	-2.99 to -1.5	-5000 – 500 cfs
Very Dry	-3.0 or less	Less than -5000 cfs

* use the wettest of the two indicators

Classification of Lake Okeechobee Net Inflow Seasonal Outlook[*]

Lake Net Inflow Prediction [million acre-feet]	Equivalent Depth** [feet]	Lake Okeechobee Net Inflow Seasonal Outlook
> 0.93	> 2.0	Very Wet
0.71 to 0.93	1.51 to 2.0	Wet
0.35 to 0.70	0.75 to 1.5	Normal
< 0.35	< 0.75	Dry

**Volume-depth conversion based on average lake surface area of 467,000 acres

Classification of Lake Okeechobee Net Inflow Multi-Seasonal Outlook*

Lake Net Inflow Prediction [million acre-feet]	Equivalent Depth** [feet]	Lake Okeechobee Net Inflow Multi-Seasonal Outlook
> 2.0	> 4.3	Very Wet
1.18 to 2.0	2.51 to 4.3	Wet
0.5 to 1.17	1.1 to 2.5	Normal
< 0.5	< 1.1	Dry

**Volume-depth conversion based on average lake surface area of 467,000 acres

6-15 Day Precipitation Outlook Categories*

6-15 Day Precipitation Outlook Categories	WSE Decision Tree Categories
Above Normal	Wet to Very Wet
Normal	Normal
Below Normal	Dry

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

Under Construction