# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 04/11/2022 (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 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>		Croley's Method <sup>1*</sup> Empirical Method <sup>2</sup>		Sub-sampling of La Nina ENSO Years <sup>3</sup>		Sub-sampling of AMO Warm + La Nina ENSO Years <sup>4</sup>	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Mar-Aug)	N/A	N/A	1.82	Wet	1.66	Wet	1.59	Wet
Multi Seasonal (Mar-Oct)	N/A	N/A	2.52	Wet	2.20	Normal	2.23	Normal

<sup>\*</sup>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:

- **-2975 cfs** 14-day running average for Lake Okeechobee Net Inflow through 04/11/2022. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-2.47** for Palmer Drought Index on 04/11/2022. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

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

## **LORS2008 Classification Tables:**

#### Lake Okeechobee Stage on 04/11/2022:

Lake Okeechobee Stage: 13.53 feet

	ee Management Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	17.07	
	High sub-band	16.35	
Operational Band	Intermediate sub-band	15.42	
	Low sub-band	13.50	← 13.53 ft
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	11.45	
Water Shortage M	lanagement 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 450 cfs at S-79 and up to 200 cfs at S-80.

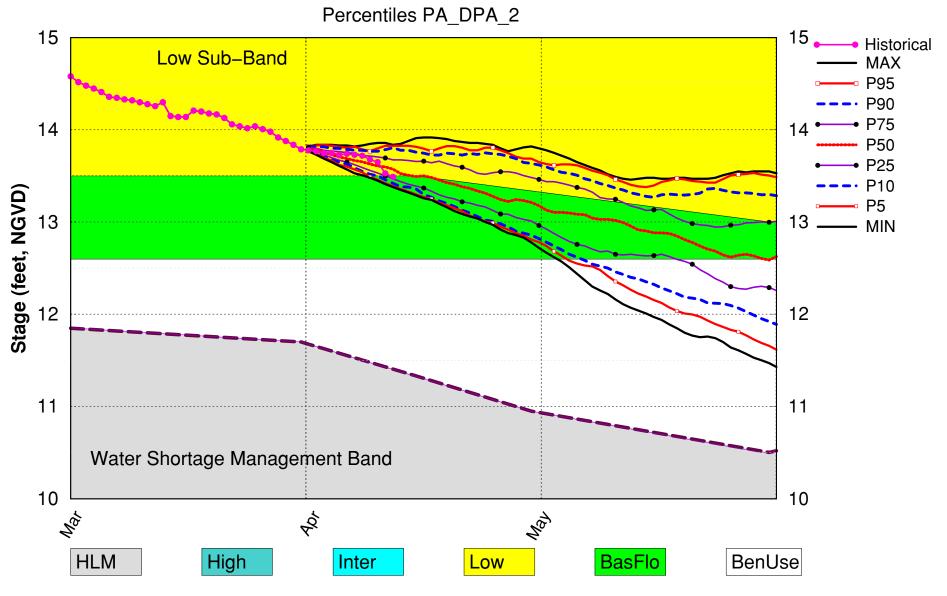
# LORS2008 Implementation on 04/11/2022 (ENSO Condition- La Nina Watch): Status for week ending 04/11/2022:

**Water Supply Risk Evaluation** 

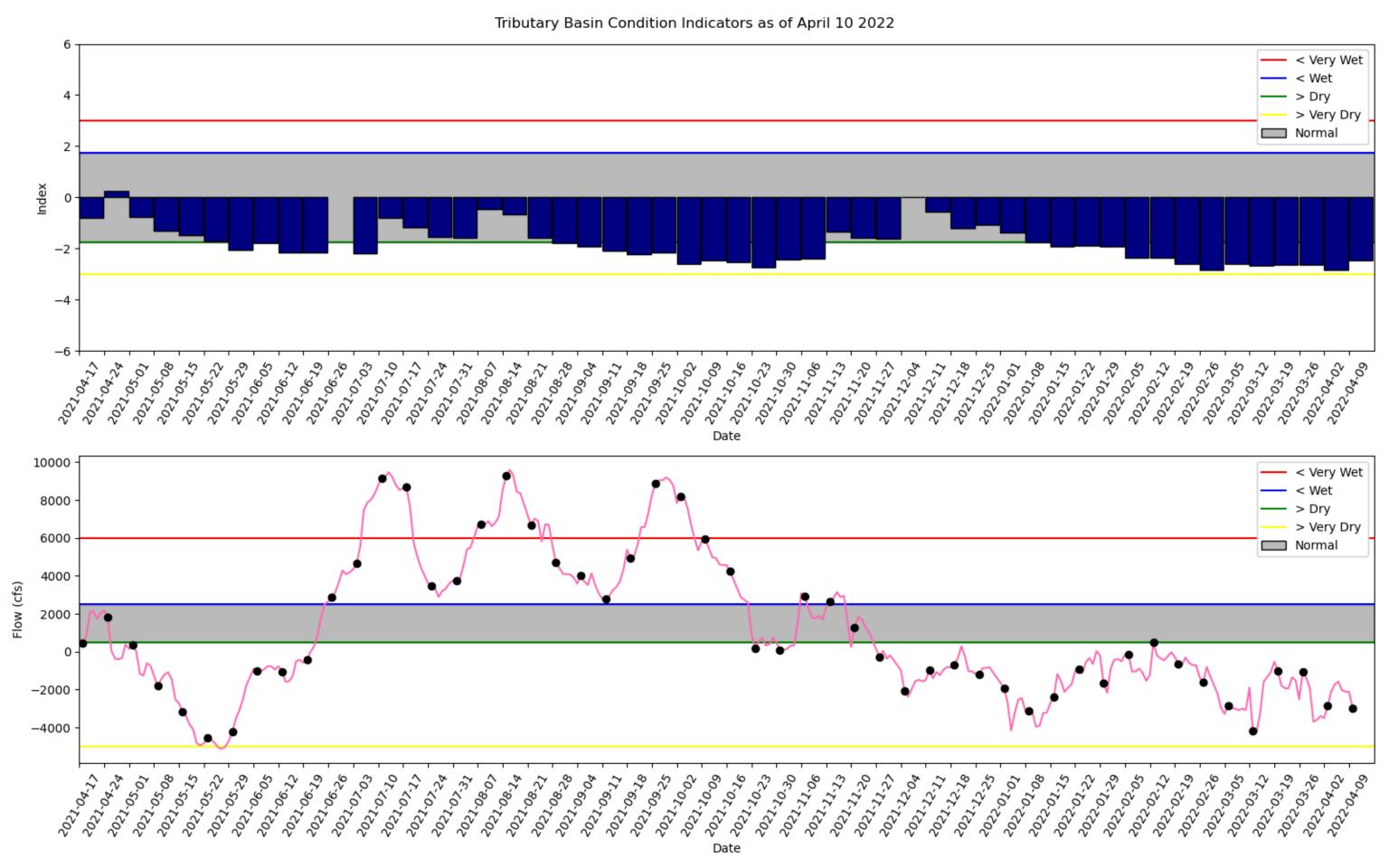
Area	Indicator	Value	Color Coded Scoring Scheme	
	Projected LOK Stage for the next two months	Base Flow	M	
	Palmer Drought Index for LOK Tributary Conditions	-2.47 (Extremely Dry)	Н	
	CPC Precipitation Outlook	1 month: Below Normal	M	
LOK	CPC Precipitation Outlook	3 months: Normal	L	
	LOK Seasonal Net Inflow Outlook	1.66 ft		
	ENSO Forecast	Wet	_	
	LOK Multi-Seasonal Net Inflow Outlook	2.20 ft	M	
	ENSO Forecast	Normal	IVI	
	WCA 1: 3 Station Average (Sites 1-7, 1-8T and 1-9)	Above Line 1 (16.29 ft)	L	
WCAs	WCA 2A: Site 2-17	Above Line 1 (11.81 ft)	L	
	WCA-3A: 3 Station Average (Sites 63, 64, and 65)	Above Line 1 (8.90 ft)	L	
	Service Area 1	Year-Round Irrigation Rule in effect	L	
LEC	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 April 2022 Position Analysis

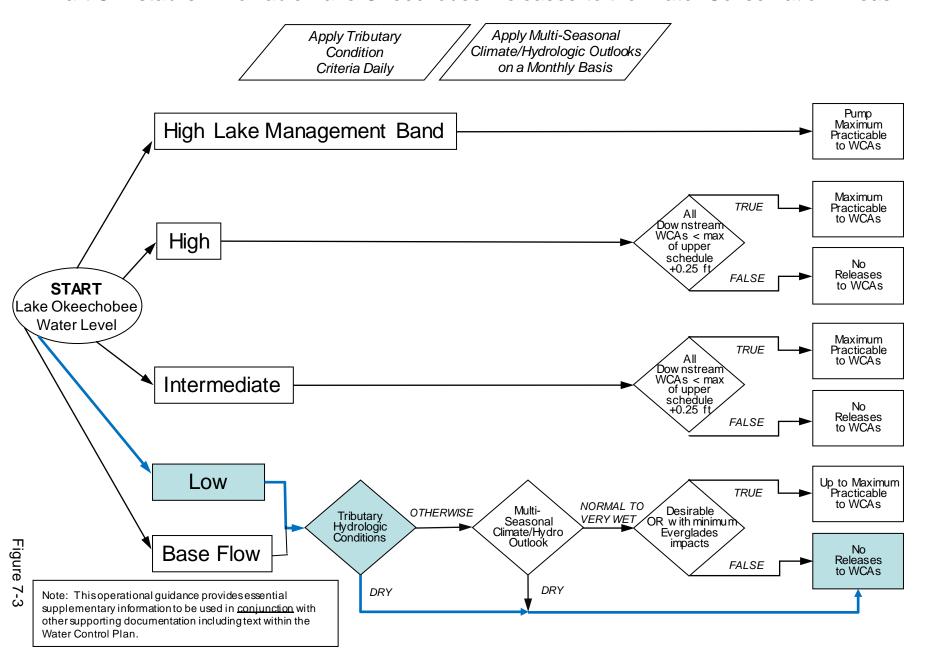


(See assumptions on the Position Analysis Results website)



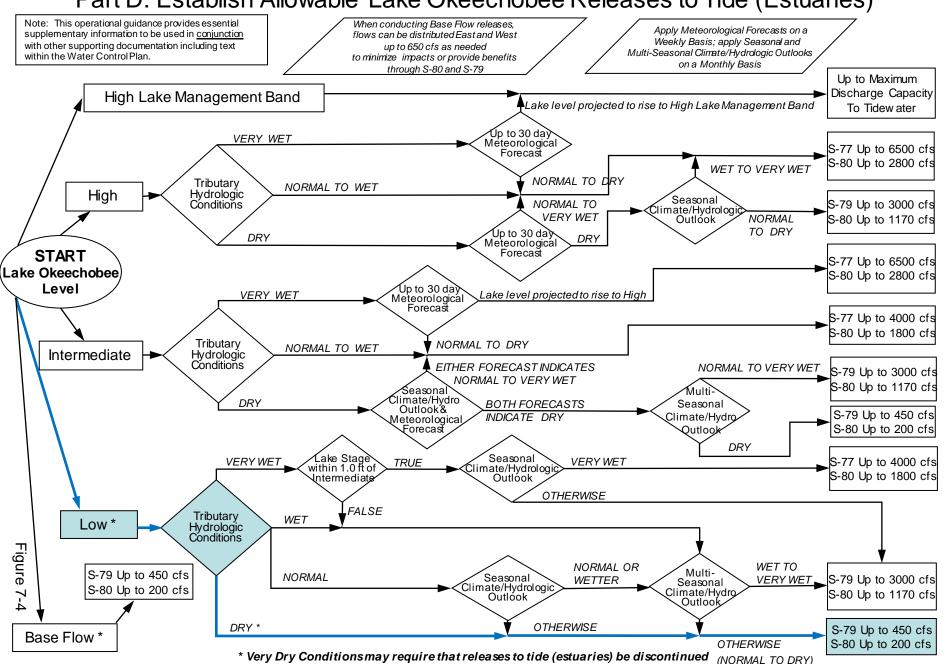
## **2008 LORS**

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

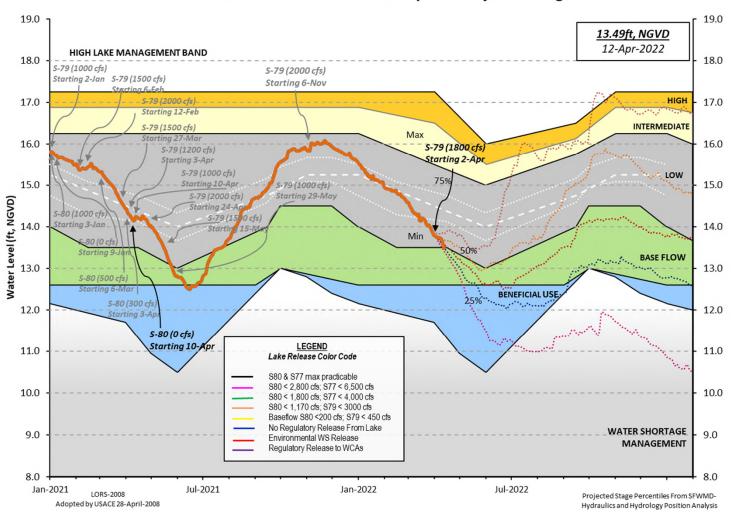


### **2008 LORS**

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



#### **Lake Okeechobee Water Level History and Projected Stages**



#### 

Data Ending 2400 hours 10 APR 2022

Okeechobee Lake	Regulation			ar 2YRS Ago O) (ft-NGVD)	
*Okeechobee L Bottom of Hig Currently in	h Lake Mngmt	n 13.53 = 17.07 Top o	14.14 of Water Sho		ficial Elv 45
Simulated Ave Difference fr	_		12.85 0.68		
10APR (1965-2 Difference fr			rage 14.1		
Today Lake Ok stations	eechobee ele <sup>,</sup>	vation is dete	ermined from	m the 4 Int &	4 Edge
++Navigation :	Depth (Based	on 2007 Chanr	nel Conditio	on Survey) Rou	te 1 ÷
++Navigation :	_	on 2008 Chanr	nel Conditio	on Survey) Rou	te 2 ÷
Bridge Cleara					
-					
1 Interior and	4 Fdae Okeeal	hohee Lake Ave	erade (Avd-I	Daily values):	
l Interior and	4 Edge Okeecl	hobee Lake Ave	erage (Avg-I	Daily values):	
Interior and L001 L005	4 Edge Okeecl			Daily values):	
L001 L005	L006 LZ40		2 S308 S	5133	
L001 L005	L006 LZ40	S4 S352	2 S308 S	5133	
L001 L005	L006 LZ40 13.60 13.5	S4 S352 6 -NR- 13.6	2 S308 S 55 13.49 D	5133 13.31	
L001 L005 13.39 13.55	L006 LZ40 13.60 13.5	S4 S352 6 -NR- 13.6	2	5133 13.31	
L001 L005 13.39 13.55	L006 LZ40 13.60 13.5	S4 S352 6 -NR- 13.6	2	5133 13.31 13.53	
L001 L005 13.39 13.55 *Combination O	L006 LZ40 13.60 13.5 keechobee A	S4 S352 6 -NR- 13.6	2	5133 13.31 13.53	
L001 L005 13.39 13.55  *Combination O	L006 LZ40 13.60 13.5 keechobee A	S4 S352 6 -NR- 13.6 vg-Daily Lake	2	13.53 (*See Note)	0
L001 L005 13.39 13.55  *Combination Of the combination of the combinat	L006 LZ40 13.60 13.5  keechobee A  ows (cfs): 1025	S4 S352 6 -NR- 13.6 vg-Daily Lake	2	S133 13.31 13.53 (*See Note)	
L001 L005 13.39 13.55  *Combination O	L006 LZ40 13.60 13.5  keechobee A  ows (cfs): 1025 0	S4 S352 6 -NR- 13.6 vg-Daily Lake S65EX1 S191	2	S133 13.31 13.53 (*See Note) Fisheating Cr S135 Pumps	0
L001 L005 13.39 13.55  *Combination O	L006 LZ40 13.60 13.5  keechobee A  ows (cfs): 1025 0 0	S4 S352 6 -NR- 13.6 vg-Daily Lake S65EX1 S191 S133 Pumps	2	S133 13.31 13.53 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps	0 0
L001 L005 13.39 13.55  *Combination Office Combination Office Chobee Infl S65E S154 S84 S84X	L006 LZ40 13.60 13.5  keechobee A  ows (cfs): 1025 0 0 0	S4 S352 6 -NR- 13.6 vg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps	2	Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
L001 L005 13.39 13.55  *Combination Of  Okeechobee Infl S65E S154 S84 S84X S71	L006 LZ40 13.60 13.5  keechobee A  ows (cfs): 1025 0 0 0 0	S4 S352 6 -NR- 13.6 vg-Daily Lake vg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 S 55 13.49 S Average = 0 0 0 0 0 0	Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0
L001 L005 13.39 13.55  *Combination O  Combination	L006 LZ40 13.60 13.5  keechobee A  ows (cfs): 1025 0 0 0 0	S4 S352 6 -NR- 13.6 vg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps	2	Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
L001 L005 13.39 13.55  *Combination Of  Cheechobee Infl S65E S154 S84 S84X S71 S72 Fotal Inflows:	L006 LZ40 13.60 13.5  keechobee A  ows (cfs): 1025 0 0 0 0 1025	S4 S352 6 -NR- 13.6 vg-Daily Lake vg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 S 55 13.49 S Average = 0 0 0 0 0 0	Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0
L001 L005 13.39 13.55  *Combination Of  Combination Of  Combin	L006 LZ40 13.60 13.5  keechobee A  ows (cfs): 1025 0 0 0 1025  lows (cfs):	S4 S352 6 -NR- 13.6  Vg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S129 Pumps	2 S308 S 55 13.49 S Average = 0 0 0 0 0 0	Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
L001 L005 13.39 13.55  *Combination O  Dkeechobee Infl S65E S154 S84 S84X S71 S72 Total Inflows: Dkeechobee Outf S135 Culverts	L006 LZ40 13.60 13.5  keechobee A  ows (cfs): 1025 0 0 1025  lows (cfs): 0	S4 S352 6 -NR- 13.6  Vg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S129 Pumps	2 S308 S 55 13.49 S Average = 0 0 0 0 0 0	Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
L001 L005 13.39 13.55  *Combination O  Combination	L006 LZ40 13.60 13.5  keechobee A  ows (cfs): 1025 0 0 0 1025  lows (cfs): 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S4 S352 6 -NR- 13.6  Vg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 S 55 13.49 S Average = 0 0 0 0 0 0 0	Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
*Combination O  *Combination O  Cokeechobee Infl S65E S154 S84 S84X S71 S72 Total Inflows:  Cokeechobee Outf S135 Culverts	L006 LZ40 13.60 13.5  keechobee A  ows (cfs): 1025 0 0 0 1025  lows (cfs): 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S4 S352 6 -NR- 13.6  Vg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S129 Pumps	2 S308 S 55 13.49 S Average = 0 0 0 0 0 0	Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0

\*\*\*\*S308 structure flow is being used to compute Total Outflow. Okeechobee Pan Evaporation (inches): S77 0.17 S308 -NR-Average Pan Evap x 0.75 Pan Coefficient = -NR-" = -NR-' Lake Average Precipitation using NEXRAD: = -NR-" = -NR-' = -NR-" = -NR-"Evaporation - Precipitation: Evaporation - Precipitation using Lake Area of 730 square miles is equal to Lake Okeechobee (Change in Storage) Flow is -25410 cfs or -50400 AC-FT 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) (I) see note at bottom North East Shore S133 Pumps: 13.34 13.40 0 0 0 0 0 (cfs) S193: 0 0.0 0.0 0.0 S191: 18.88 13.36 S135 Pumps: 13.09 13.33 0 0 0 0 0 (cfs) 2.6 2.6 S135 Culverts: North West Shore 1025 S65E: 21.17 13.35 0.3 0.3 0.9 0.4 0.3 0.4 21.17 S65EX1: 13.35 Ω 0 0 (cfs) 0 0 0 S127 Pumps: 13.14 13.44 S127 Culvert: 0 0.0 0 S129 Pumps: 12.84 0 13.47 0 0 (cfs) S129 Culvert: 0 0.0 0 0 S131 Pumps: 12.58 13.72 0 (cfs) S131 Culvert: Ω Fisheating Creek nr Palmdale 27.04 0 nr Lakeport C5: -NR-0 -NR- -NR- -NR-South Shore S4 Pumps: 11.46 -NR-0 0 0 (cfs)

-NR-

13.56

-NR-

10

-NR- -NR- -NR-

S169:

S310:

\*\*\*\*S77 structure flow is being used to compute Total Outflow.

```
S3 Pumps: 10.96 13.62 0 0 0 0 0 (cfs)
S354: 13.62 10.96 1245 2.6 2.8
S2 Pumps: 10.49 -NR- 0 -NR- -NR- -NR- -NR- (cfs)
S351: -NR- 10.49 244 0.0 0.0 0.3
S352: 13.54 10.50 491 0.7 0.8
C10A: -NR- 13.32 8.0 8.0 8.0 0.0 0.0
 L8 Canal PT
                      13.35 -NR-
                 S351 and S352 Temporary Pumps/S354 Spillway
              10.49
 S351:
                        -NR-
                                244 -NR--NR--NR--NR--NR-
 S352:
              10.50
                      13.54
                                491 -NR--NR--NR-
             10.96 13.62 1245 -NR--NR--NR-
 S354:
Caloosahatchee River (S77, S78, S79)
 S47B: 12.97 12.30
                                       1.5 2.0
                      11.23 0 0.0
 S47D:
             12.20
 S77:
   Spillway and Sector Preferred Flow:
              13.23 11.11 2476 3.5 3.5 3.5 3.0
                                5
   Flow Due to Lockages+:
 S78:
   Spillway and Sector Flow:
             11.09 3.13 1780 1.5 0.0 2.5 1.5
   Flow Due to Lockages+:
                                 22
 S79:
   Spillway and Sector Flow:
               3.29 1.39 2221 0.0 0.0 1.0 2.0 2.0 1.5 0.0
0.0
   Flow Due to Lockages+:
                                 16
   Percent of flow from S77
                                111%
   Chloride
              (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
             13.43 13.35 468 3.0 3.0 3.0 3.0
                                -NR-
   Flow Due to Lockages+:
         18.65 13.15 0 0.0 0.0
 S153:
 S80:
   Spillway and Sector Flow:
   13.37 -0.09 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 28
   Percent of flow from S308 NA %
 Steele Point Top Salinity (mg/ml) ****
 Steele Point Bottom Salinity (mg/ml) ****
 Speedy Point Top Salinity (mg/ml) ****
 Speedy Point Bottom Salinity (mg/ml) ****
```

- + Flow Due to lockages is computed utilizing average daily headwater and tailwater along with total number of lockages for the day to calculate a volume which is then converted to an average discharge in cfs.
- ++ Preferred flow is determined from either the spillway discharge or the below flow meter daily

---- Wind ---Daily Precipitation Totals 1-Day 3-Day 7-Day Direction Speed (inches) (inches) (inches) (Degø) (mph) S133 Pump Station: -NR-0.00 0.00 S193: -NR-0.00 0.00 -NR--NR-Okeechobee Field Station: -NR-0.00 0.00 S135 Pump Station: 0.00 0.00 -NR-0.00 S127 Pump Station: -NR-0.00 S129 Pump Station: -NR-0.00 0.00 0.00 0.00 S131 Pump Station: -NR-S77: 5.00 5.00 5.06 121 S78: 0.83 0.83 0.95 97 4 S79: 7.85 34 8.13 7.85 6 0.00 S4 Pump Station: 0.00 -NR-Clewiston Field Station: 0.00 0.00 -NR-0.00 S3 Pump Station: -NR-0.00 S2 Pump Station: -NR-0.00 0.00 S308: 4.46 32 3.96 3.96 2 7.67 8.27 107 S80: 7.67 Λ Okeechobee Average 4.48 0.69 0.73 (Sites S78, S79 and S80 not included) \_\_\_\_\_\_ 0.00 0.00 -NR-Oke Nexrad Basin Avg \_\_\_\_\_\_

_ Okeechobee Lake Elevations	10 APR 2022	13.53 Difference from
10APR22		
10APR22 - 1 Day =	09 APR 2022	13.65 0.12
10APR22 - 2 Days =	08 APR 2022	13.68 0.15
10APR22 - 3 Days =	07 APR 2022	13.72 0.19
10APR22 - 4 Days =	06 APR 2022	13.73 0.20
10APR22 -5 Days =	05 APR 2022	13.74 0.21
10APR22 - 6 Days =	04 APR 2022	13.73 0.20
10APR22 -7 Days =	03 APR 2022	13.75 0.22
10APR22 - 30 Days =	11 MAR 2022	14.26 0.73
10APR22 -1 Year =	10 APR 2021	14.14 0.61
10APR22 - 2 Year =	10 APR 2020	11.52 -2.01

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

10APR22										
10APR22 -2 Days =	10APR22		Today	=	10	APR	2022	-2220	MON	-20309
10APR22 -3 Days = 07 APR 2022 -1161 FRI   1261   10APR22 -4 Days = 06 APR 2022 -687 THU   1164   10APR22 -5 Days = 05 APR 2022 -759 WED   3901   10APR22 -5 Days = 04 APR 2022 -7059 WED   3901   10APR22 -7 Days = 04 APR 2022 -1034 TUE   -1585   10APR22 -7 Days = 02 APR 2022 -2165 MON   3002   10APR22 -8 Days = 02 APR 2022 -2214 SAT   470   10APR22 -9 Days = 01 APR 2022 -2214 SAT   470   10APR22 -10 Days = 31 MAR 2022 -2422 FRI   2347   10APR22 -11 Days = 30 MAR 2022 -2568 THU   -5415   10APR22 -12 Days = 29 MAR 2022 -868 THU   -5415   10APR22 -13 Days = 28 MAR 2022 -379 TUE   -4279	10APR22	-1	Day	=	09	APR	2022	-1299	SUN	-1911
10APR22 -3 Days = 07 APR 2022 -1161 FRI   1261   10APR22 -4 Days = 06 APR 2022 -687 THU   1164   10APR22 -5 Days = 05 APR 2022 -759 WED   3901   10APR22 -5 Days = 04 APR 2022 -7059 WED   3901   10APR22 -7 Days = 04 APR 2022 -1034 TUE   -1585   10APR22 -7 Days = 02 APR 2022 -2165 MON   3002   10APR22 -8 Days = 02 APR 2022 -2214 SAT   470   10APR22 -9 Days = 01 APR 2022 -2214 SAT   470   10APR22 -10 Days = 31 MAR 2022 -2422 FRI   2347   10APR22 -11 Days = 30 MAR 2022 -2568 THU   -5415   10APR22 -12 Days = 29 MAR 2022 -868 THU   -5415   10APR22 -13 Days = 28 MAR 2022 -379 TUE   -4279	10APR22	-2	Days	=	08	APR	2022	-1275	SAT	-4606
10APR22	10APR22		_					-1161	FRI	1261
10APR22 -5 Days = 05 APR 2022 -759 MED 3901 10APR22 -6 Days = 04 APR 2022 -1034 TUE -1585 10APR22 -7 Days = 03 APR 2022 -1665 MON 3002 10APR22 -9 Days = 02 APR 2022 -2318 SUN -1654 10APR22 -10 Days = 31 MAR 2022 -2214 SAT 470 10APR22 -10 Days = 31 MAR 2022 -2214 SAT 470 10APR22 -11 Days = 33 MAR 2022 -2422 FRI 2347 10APR22 -11 Days = 39 MAR 2022 -2568 THU -5415 10APR22 -12 Days = 29 MAR 2022 -379 TUE -4279	10APR22		_						THU	· ·
10APR22 -6 Days = 04 APR 2022 -1034 TUE			_							· ·
10APR.22			_							!
10APR22 -8 Days = 02 APR 2022 -2318 SUN   -1654     10APR22 -9 Days = 01 APR 2022 -2214 SAT   470     10APR22 -10 Days = 31 MAR 2022 -2242 FRI   2347     10APR22 -11 Days = 30 MAR 2022 -2568 THU   -5415     10APR22 -12 Days = 29 MAR 2022 -862 WED   -3463     10APR22 -13 Days = 28 MAR 2022 -379 TUE   -4279			_							
10APR22 -9 Days =  01 APR 2022 -2214 SAT			_							· ·
10APR22 -10 Days = 31 MAR 2022 -2422 FRI   2347   10APR22 -11 Days = 30 MAR 2022 -2568 THU   -5415   10APR22 -12 Days = 29 MAR 2022 -862 WED   -3463   10APR22 -13 Days = 28 MAR 2022 -379 TUE   -4279			_							!
10APR22 -11 Days = 30 MAR 2022 -2568 THU -5415 10APR22 -12 Days = 29 MAR 2022 -862 WED -3463 10APR22 -13 Days = 28 MAR 2022 -379 TUE -4279										I .
10APR22 -12 Days = 29 MAR 2022 -862 WED -3463 10APR22 -13 Days = 28 MAR 2022 -379 TUE -4279			-							!
S65E  Average Flow over previous 14 days  Avg-Daily Flo  10APR22    Today=			_							•
S65E  Average Flow over previous 14 days   Avg-Daily Flot 10APR22   Today=			_							1
Average Flow over previous 14 days   Avg-Daily Flow	10APR22	-13	Days	=	28	MAR	2022	-3/9	TUE	-42/9
Average Flow over previous 14 days   Avg-Daily Flot 10APR22   Today=										<del>-</del>
Average Flow over previous 14 days   Avg-Daily Flot 10APR22   Today=	_									
Average Flow over previous 14 days   Avg-Daily Flot 10APR22   Today=										
Average Flow over previous 14 days   Avg-Daily Flow	_					Se	55E			
10APR22					Average			previous	14 days	Avg-Daily Flow
10APR22 -1 Day = 09 APR 2022 1041 SUN 1158 10APR22 -2 Days = 08 APR 2022 1027 SAT 1089 10APR22 -3 Days = 07 APR 2022 1020 FRI 1178 10APR22 -4 Days = 06 APR 2022 1000 THU 1098 10APR22 -5 Days = 05 APR 2022 988 WED 1066 10APR22 -6 Days = 04 APR 2022 982 TUE 1060 10APR22 -7 Days = 03 APR 2022 977 MON 1015 10APR22 -8 Days = 01 APR 2022 977 MON 1022 10APR22 -9 Days = 01 APR 2022 977 SUN 1022 10APR22 -1 Days = 31 MAR 2022 977 SAT 1030 10APR22 -1 Days = 31 MAR 2022 944 FRI 988 10APR22 -11 Days = 30 MAR 2022 931 THU 968 10APR22 -12 Days = 29 MAR 2022 931 THU 968 10APR22 -13 Days = 28 MAR 2022 918 WED 960 10APR22 -1 Day = 09 APR 2022 958 TUE 985	10APR22		Today	<i>ν</i> =						!
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09 08 07 06 05 04 03 02 01 31 30 29	APR APR APR APR APR APR APR APR APR MAR MAR MAR		3515 3662 1895 2526 2936 3852 4001 3671 2669 3610 4900 4628	Below S-77 Discharge (ALL-DAY) (AC-FT) 4790 3521 3633 1969 ***** 2180 3879 4078 3677 2549 3811 5241 4615 3827	S-78 Discharge (ALL DAY) (AC-FT) 3577 2749 1722 2127 1482 2536 3183 3368 3010 2256 2741 3700 3509 2624	S-79 Discharge (ALL DAY) (AC-FT) 4429 3607 3140 2740 3433 3702 4082 4281 3482 3671 3435 3975 3850 3468	
			S-310	S-351	S-352	S-354	L8 Canal Pt
			Discharge	Discharge		Discharge	Discharge
			(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
10	APR	2022	20	484	974	2470	-NR-
09	APR	2022	310	813	1195	1827	-NR-
80	APR	2022	193	521	1410	760	-NR-
		2022		1028	1324	728	-NR-
		2022		1190	1102	0	-NR-
		2022		0	50	0	-NR-
		2022		0	5	86	-NR-
		2022		293	219	360	-NR-
		2022		0	0	0	-NR-
		2022 2022		55 042	338 1293	292 1058	-NR- -NR-
		2022		942 1047	1231	1355	-NR- -NR-
		2022		1170	1119	1592	-NR-
		2022		1252	604	1632	-NR-
20	1.17.11.	2022	277	1232	001	1032	1417
			S-308	Below S-308	S-80		
			Discharge	Discharge	Discharge	<b>:</b>	
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)		
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)		
		2022		-NR-	56		
		2022		-NR-	54		
		2022		-NR-	58		
		2022		-NR-	55		
		2022		-NR-	46 56		
		2022 2022		-NR- -NR-	36		
		2022		-NR-	52		
		2022		-NR-	61		
		2022		-NR-	50		
		2022		-NR-	46		
		2022		-NR-	45		
		2022		-NR-	49		
28	MAR	2022	1088	-NR-	0		

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

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

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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

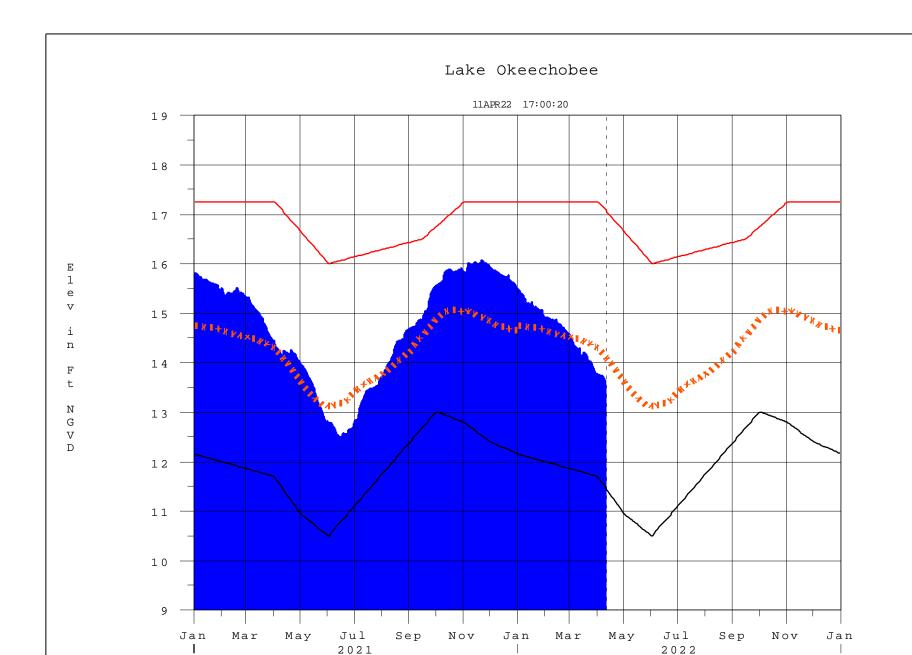
++ For more information see the Jacksonville District Navigation website at http://www.saj.usace.army.mil/

\$ For information regarding Lake Okeechobee Service Area water restrictions

please refer to www.sfwmd.gov

-- Report Generated 11APR2022 @ 15:38 \*\* Preliminary Data - Subject to Revision

Report Generated 11APR2022 @ 15:38 \*\* Preliminary Data - Subject to Revision \*\*



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	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

<sup>\*</sup> use the wettest of the two indicators

# Classification of Lake Okeechobee Net Inflow Seasonal Outlook\*

Lake Net Inflow Prediction	Equivalent Depth**	Lake Okeechobee
[million acre-feet]	[feet]	Net Inflow
[	[1001]	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

<sup>\*\*</sup>Volume-depth conversion based on average lake surface area of 467,000 acres

# <u>Classification of Lake Okeechobee Net Inflow Multi-Seasonal Outlook</u>\*

Lake Net Inflow Prediction	Equivalent Depth**	Lake Okeechobee
[million acre-feet]	[feet]	Net Inflow
[	[root]	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

<sup>\*\*</sup>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

<sup>\*</sup> Corresponds to Table 7-6 in the Lake Okeechobee Water Control Plan