# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 03/30/2020 (ENSO Neutral 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 Neutral 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>		En	FWMD npirical ethod <sup>2</sup>	Neutr	ampling of al ENSO ears³	AMO Neutr	ampling of Warm + al ENSO ears <sup>4</sup>
	Value (ft)		Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Mar- Aug)	N/A	N/A	0.94	Normal	1.06	Normal	1.77	Wet
Multi Seasonal (Mar- Oct)	N/A	N/A	2.45	Normal	2.42	Normal	3.84	Wet

<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:

- **-2438 cfs** 14-day running average for Lake Okeechobee Net Inflow through 03/29/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-2.55** for Palmer Drought Index on 3/28/2020. 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 03/30/2020

Lake Okeechobee Stage: 11.95 feet

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	17.25	
	High sub-band	16.51	
Operational Band	Intermediate sub-band	15.52	
	Low sub-band	13.50	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	11.71	← 11.95 ft
Water Shortage M	lanagement Band		

### Part C and Part D of LORS2008:

With Lake Okeechobee stage below the Base-Flow Sub-Band, Part C **nor** Part D of the 2008 LORS suggest releases to the WCAs or Estuaries required to manage lake stages.

# Adaptive Protocol's Release Guidance: Caloosahatchee Estuary

The SFWMD's Lake Okeechobee Adaptive Protocol's Release Guidance suggests no S-77 release to the Caloosahatchee Estuary.

## LORS2008 Implementation on 3/30/2020 (ENSO Neutral Condition):

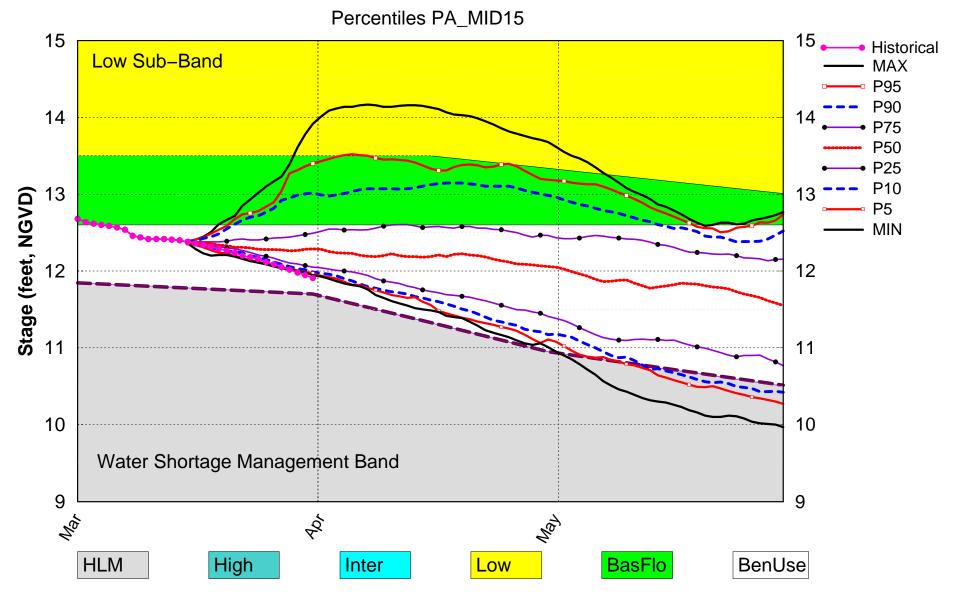
### Status for week ending 3/30/2020:

**Water Supply Risk Evaluation** 

water Su	ter Supply Risk Evaluation						
Area	Indicator	Value	Color Coded Scoring Scheme				
	Projected LOK Stage for the next two months	Beneficial Use sub band	П				
	Palmer Index for LOK Tributary Conditions	-2.55 (Extremely Dry)	Н				
1.014	CPC Precipitation Outlook	1 month: Normal	L				
LOK		3 months: Above Normal	L				
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.06 ft (Dry)	М				
	LOK Multi-Seasonal Net Inflow Outlook	2.42 ft (Normal)	M				
	ENSO Forecast (positive)						
	WCA 1: 3 Station Average (Site 1-7, Site 1-8T & Site 1-9)	Above Line 1 (16.28 ft)	L				
WCAs	WCA 2A: Site S-11B	Below Line 2 (10.51 ft)	Н				
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Line 1- Line 2 (8.73 ft)	M				
	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	M				

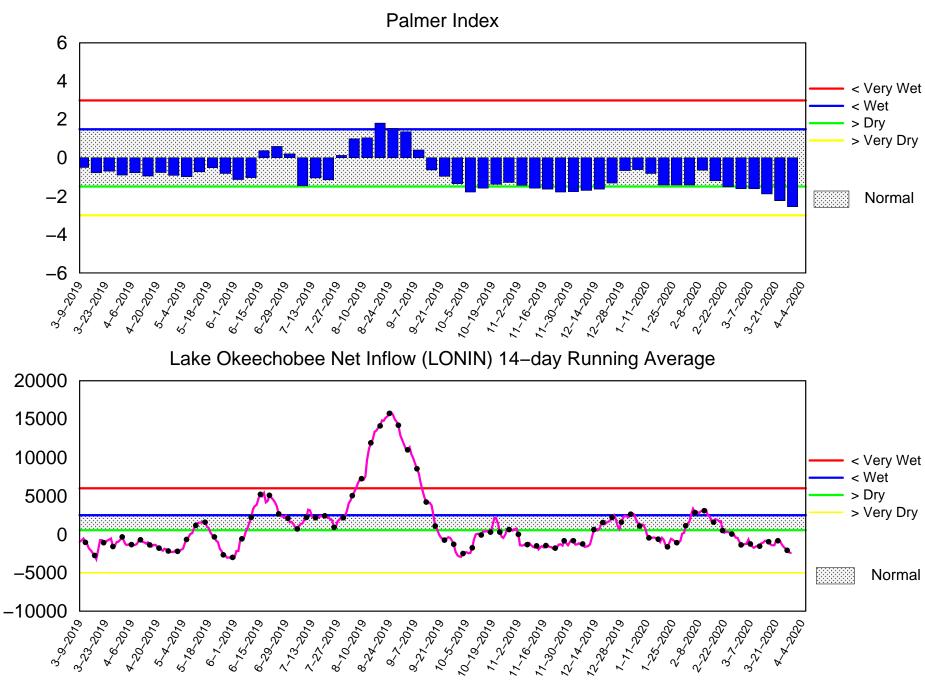
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

# Lake Okeechobee SFWMM March 2020 Mid-Month Position Analysis



(See assumptions on the Position Analysis Results website)

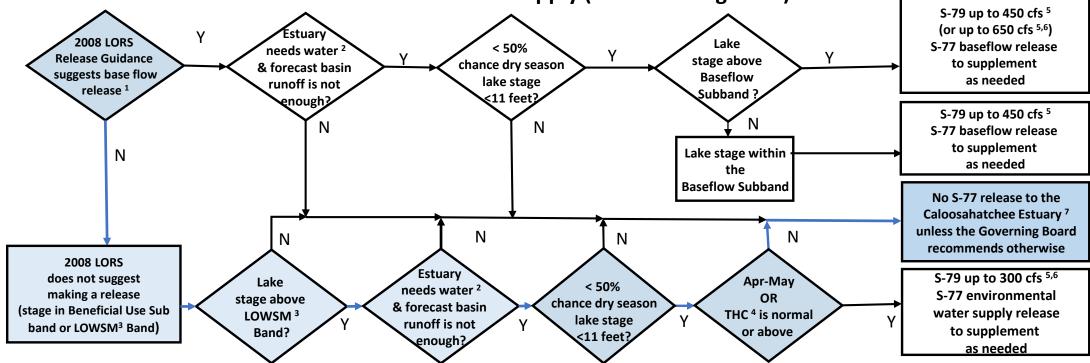
# Tributary Basin Condition Indicators as of March 30 2020



Mon Mar 30 12:50:14 EDT 2020

Flow (cfs)

Flowchart to Guide Recommendations for Lake Okeechobee Releases to the Caloosahatchee Estuary for 2008 LORS Baseflow & for Environmental Water Supply (revised 9-Aug-2012)



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

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

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

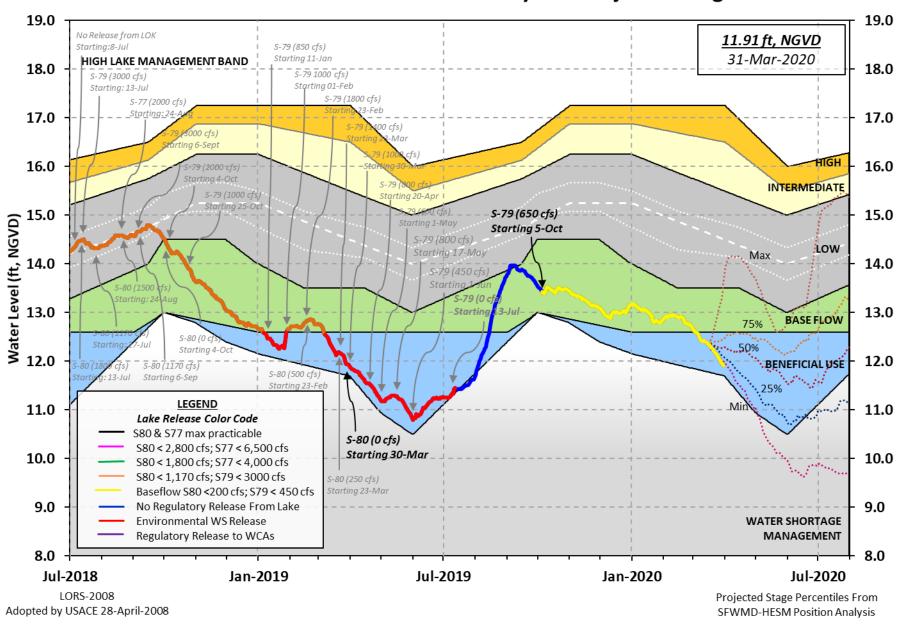
<sup>&</sup>lt;sup>4</sup>Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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

<sup>&</sup>lt;sup>6</sup>After reviewing conditions in Water Conservation Areas (WCAs), Stormwater Treatment Areas (STAs), ENP, St. Lucie Estuary and Lake Okeechobee.

<sup>&</sup>lt;sup>7</sup>Should this condition be reached, the Governing Board will be briefed at their next regularly scheduled meeting as part of the State of the Water Resources agenda item.

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



# 

Okeechobee Lake R	egulatio	on Flevatio	n last'	Year 2YRS Ago	<b>1</b>	
ACCENIONCE LUKE IN	свитист			GVD) (ft-NGVI		
*0keechobee Lak	e Elevat				(Official	Elv)
		gmt= 17.25 Top		Short Mngmt= 1	L1.71	
Currently in Op	erationa	al Management Ba	nd			
Simulated Avera Difference from		2008 [1965-2000] e LORS2008	13.06 -1.11			
29MAR (1965-200 Difference from		od of Record Ave erage	•	4.32 .37		
Today Lake Okee	chobee 6	elevation is det	ermined f	rom the 4 Int	& 4 Edge	statio
	pth (Bas	sed on 2007 Chan sed on 2008 Chan 72'				
Interior and 4	Edge Oke	eechobee Lake Av	erage (Av	g-Daily values	s):	
1004 1005 1	006 1	740 64 625	2 6200	64.33		
L001 L005 L			2 S308	S133		
11.97 11.99 1	1.93 1	1.92 11.91 12.0	01 11.8º	9 11.93		
*Combination Oke	echobee	Avg-Daily Lake	Average :	= 11.95		
*Combination Oke	echobee	Avg-Daily Lake	Average	= 11.95 (*See Note)		
*Combination Oke	echobee	Avg-Daily Lake	Average			
			Average :			
			Average :	(*See Note)	Cr 0	
keechobee Inflow	s (cfs):	:			Cr 0	
keechobee Inflow S65E	s (cfs):	: S65EX1	0	(*See Note)  Fisheating		
keechobee Inflow S65E S154	s (cfs): 266 0	: S65EX1 S191	0 0	(*See Note)  Fisheating S135 Pumps	0	
keechobee Inflow S65E S154 S84	s (cfs): 266 0	: S65EX1 S191 S133 Pumps	0 0 0	(*See Note)  Fisheating S135 Pumps S2 Pumps	0 0	
keechobee Inflow S65E S154 S84 S84X	s (cfs): 266 0 0	: S65EX1 S191 S133 Pumps S127 Pumps	0 0 0	(*See Note)  Fisheating S135 Pumps S2 Pumps S3 Pumps	0 0 0	
keechobee Inflow S65E S154 S84 S84X S71	s (cfs): 266 0 0	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	0 0 0 0	(*See Note)  Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0	
keechobee Inflow S65E S154 S84 S84X S71 S72 Otal Inflows:	s (cfs): 266 0 0 0 0 0 266	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0	(*See Note)  Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0	
keechobee Inflow S65E S154 S84 S84X S71 S72 Otal Inflows:	s (cfs): 266 0 0 0 0 0 266	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0	(*See Note)  Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0	
keechobee Inflow S65E S154 S84 S84X S71 S72 otal Inflows:	s (cfs): 266 0 0 0 0 266	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0	
Okeechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts	s (cfs) 266 0 0 0 0 266 ws (cfs)	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps ): S354 S351 S352	0 0 0 0 0 0	(*See Note)  Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
keechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: keechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts	s (cfs); 266 0 0 0 0 266 ws (cfs)	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0 0 0	(*See Note)  Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
Okeechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts	s (cfs); 266 0 0 0 0 266 ws (cfs)	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps ): S354 S351 S352	0 0 0 0 0 0 0 603 1085 305	(*See Note)  Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
Okeechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows:	s (cfs): 266 0 0 0 266 ws (cfs): 0 0 3218	:     S65EX1     S191     S133 Pumps     S127 Pumps     S129 Pumps     S131 Pumps ):     S354     S351     S352     L8 Canal Pt	0 0 0 0 0 0 603 1085 305 111	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
Okeechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows:	s (cfs): 266 0 0 0 266 ws (cfs): 0 0 3218 flow is	:     S65EX1     S191     S133 Pumps     S127 Pumps     S129 Pumps     S131 Pumps ):     S354     S351     S352     L8 Canal Pt	0 0 0 0 0 0 603 1085 305 111	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 1080 34	
Okeechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: T***S77 structure	s (cfs): 266 0 0 0 266 ws (cfs): 0 0 3218 flow is	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps  ): S354 S351 S352 L8 Canal Pt  s being used to being used to being used to	0 0 0 0 0 0 603 1085 305 111	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 1080 34	
Okeechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: Texts S77 structure Texts S78 structure	s (cfs): 266 0 0 0 266 ws (cfs): 0 0 3218 flow is	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps  ): S354 S351 S352 L8 Canal Pt  s being used to being used to being used to	0 0 0 0 0 0 603 1085 305 111	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 1080 34	

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 -5445 cfs or -10800 AC-FT

----- Gate Positions -----Headwater Tailwater 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: 12.45 12.19 0 0 0 (cfs) S193: 18.33 0.0 0.0 -NR-S191: 12.14 0 S135 Pumps: 11.75 11.89 0 0 0 0 (cfs) S135 Culverts: 0 0.0 0.0 North West Shore S65E: 20.93 12.09 266 0.0 0.0 0.5 0.2 0.0 0.0 20.93 12.09 S65EX1: 0 S127 Pumps: 12.51 0 0 12.11 0 0 0 (cfs) S127 Culvert: 0 0.0 S129 Pumps: 12.33 11.53 0 0 0 0 (cfs) S129 Culvert: 0 0.0 S131 Pumps: 12.50 12.18 0 0 0 (cfs) S131 Culvert: Fisheating Creek nr Palmdale 27.66 0 nr Lakeport C5: -NR--NR- -NR- -NR-South Shore S4 Pumps: 11.76 11.71 0 a 0 a (cfs) S169: 11.77 11.75 5.0 5.0 5.0 111 11.68 150 S310: S3 Pumps: 11.07 11.67 0 0 0 (cfs) 11.67 11.07 603 2.2 2.4 S354: S2 Pumps: 11.19 -NR-0 -NR- -NR- -NR- -NR-(cfs) S351: -NR-11.19 1085 3.1 3.1 3.3 S352: 11.95 11.01 305 0.8 1.2 C10A: -NR-11.99 8.0 8.0 8.0 0.0 0.0 L8 Canal PT 11.73 111 S351 and S352 Temporary Pumps/S354 Spillway S351: 11.19 -NR-1085 -NR - -NR - -NR - -NR - -NR - -NR -S352: 11.01 11.95 305 -NR - -NR - -NR - -NR -S354: 11.07 11.67 603 -NR--NR--NR-Caloosahatchee River (S77, S78, S79)

0.0 0.0

6.5

11.87

11.15

S47B:

S47D:

11.16

11.15

```
S77:
   Spillway and Sector Preferred Flow:
                                1079 3.0 3.5 3.5 0.0
              11.72
                        11.02
   Flow Due to Lockages+:
                                   1
 S78:
   Spillway and Sector Flow:
                                  604
                                        1.0 0.0 0.0 1.0
              11.08
                      2.84
   Flow Due to Lockages+:
                                   8
   Spillway and Sector Flow:
                                  888
                                        1.0 0.8 1.0 1.0 0.0 0.0 0.0 0.0
               3.00
                        1.21
   Flow Due to Lockages+:
                                  11
   Percent of flow from S77
                                  122%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              11.86
                        11.78
                                   34 3.0 3.0 3.0 3.0
   Flow Due to Lockages+:
                                   0
 S153:
              18.90
                        11.63
                                   0
                                        0.0 0.0
 S80:
   Spillway and Sector Flow:
              11.77
                                    0
                                        0.0 0.0 0.0 0.0 0.0 0.0 0.0
                        0.27
   Flow Due to Lockages+:
                                   18
   Percent of flow from S308
                              NA %
                             (mg/ml) ****
 Steele Point Top Salinity
 Steele Point Bottom Salinity (mg/ml) ****
                             (mg/ml) ****
 Speedy Point Top Salinity
 Speedy Point Bottom Salinity (mg/ml) ****
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- + 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

				Wi	nd
Daily Precipitation Totals	1-Day	3-Day	7-Day	Directio	n 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:	- 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:	14.54	14.54	14.54	185	6
S78:	6.86	6.86	6.86	183	4
S79:	1.17	1.17	1.17	294	1
S4 Pump Station:	- NR -	0.00	0.00		
Clewiston Field Station:	- NR -	0.00	0.00		
S3 Pump Station:	- NR -	0.00	0.00		
S2 Pump Station:	- NR -	0.00	0.00		
S308:	38.68	38.68	38.68	123	6
S80:	0.11	0.11	0.11	167	1
Okeechobee Average	26.61	4.09	4.09		

Oke Nexrad Basin Avg	- NR -		00
keechobee Lake Elevatio	ns 29 MAR 2020	11.95 D	Difference from 29MAR2
29MAR20 -1 Day =	28 MAR 2020	11.98	0.03
29MAR20 -2 Days =	27 MAR 2020	12.02	0.07
29MAR20 -3 Days =	26 MAR 2020	12.05	0.10
29MAR20 -4 Days =	25 MAR 2020	12.09	0.14
29MAR20 -5 Days =	24 MAR 2020	12.12	0.17
29MAR20 -6 Days = 29MAR20 -7 Days = 29MAR20 -30 Days =	23 MAR 2020	12.16	0.21
29MAR20 -7 Days =	22 MAR 2020	12.18	0.23
29MAR20 -30 Days =	28 FEB 2020	12.71	0.76
29MAR20 -1 Year =	29 MAR 2019	11.94	-0.01
29MAR20 -2 Year =			1.98
ong Term Mean 30day Ave	arge ET for Lake	Alfred (Inches)	= -NR-
	Lake Okeechobe	e Net Inflow (LONI	IN)
Avera	ge Flow over the	e previous 14 days	Avg-Daily Flow
29MAR20 Today =	29 MAR 2020	-1867 MON	-2228
29MAR20 -1 Day =	28 MAR 2020	-1688 SUN	-4138
29MAR20 -2 Days =	27 MAR 2020 26 MAR 2020 25 MAR 2020	-1295 SAT	-NR-
29MAR20 -3 Days =	26 MAR 2020	-1058 FRI	-NR-
29MAR20 -4 Days =	25 MAR 2020	-970 THU	-NR-
29MAR20 -5 Days =	24 MAR 2020	-726 WED	-NR-
29MAR20 -6 Days =			-NR-
29MAR20 -7 Days =			-1146
29MAR20 -8 Davs =	21 MAR 2020	-531 SUN	-NR-
29MAR20 -8 Days = 29MAR20 -9 Days = 29MAR20 -10 Days =	20 MAR 2020	-1433 SAT	-2608
29MAR20 -10 Days =	19 MAR 2020	-1446 FRI	-892
29MAR20 -11 Days =	18 MAR 2020	-1372 THU	-2677
29MAR20 -12 Days =			-847
29MAR20 -13 Days =			-401
_	S65E		l a p : 2 - 2
	•	r previous 14 days	; • •
29MAR20 Today=	29 MAR 2020	584 MON	309
29MAR20 -1 Day =	28 MAR 2020	616 SUN	369
29MAR20 -2 Days =	27 MAR 2020	644 SAT	399
29MAR20 -3 Days =	26 MAR 2020	662 FRI	517
29MAR20 -4 Days =	25 MAR 2020	677 THU	638
29MAR20 -5 Days =	24 MAR 2020	677 WED	648
29MAR20 -6 Days =	23 MAR 2020	667 TUE	516
29MAR20 -7 Days =	22 MAR 2020	666 MON	665
29MAR20 -8 Days =	21 MAR 2020	655 SUN	760
29MAR20 -9 Days =	20 MAR 2020	650 SAT	763
29MAR20 -10 Days =	19 MAR 2020	649 FRI	571
29MAR20 -11 Days =	18 MAR 2020	663 THU	688
29MAR20 -12 Days =	17 MAR 2020	664 WED	682
29MAR20 -13 Days =	16 MAR 2020	681 TUE	647

		S65EX1		
		Average Flow over	previous 14 days	Avg-Daily Flow
29MAR20	Today=	29 MAR 2020	38 MON	0
				i

29MAR20 -1 Day = 28 MAR 2020 29MAR20 -2 Days = 27 MAR 2020 53 67 SUN 18 SAT 45

29MAR20	-3	Days	=	26	MAR	2020	7	9 FR	I		0
29MAR20	-4	Days	=	25	MAR	2020	10	4 TH	IU		0
29MAR20	-5	Days	=	24	MAR	2020	12	.6 WE	D	İ	0
29MAR20	-6	Days	=	23	MAR	2020	15	6 TL	ΙE		9
29MAR20	-7	Days	=	22	MAR	2020	18	6 MC	N	6	3
29MAR20	-8	Days	=	21	MAR	2020	21	.1 SU	IN		0
29MAR20	-9	Days	=	20	MAR	2020	23	2 SA	·Τ		0
29MAR20	-10	Days	=	19	MAR	2020	25	0 FR	I		0
29MAR20	-11	Days	=	18	MAR	2020	26	6 TH	IU	6	3
29MAR20	-12	Days	=	17	MAR	2020	27	6 WE	D	16	2
29MAR20	-13	Days	=	16	MAR	2020	28	0 TL	ΙE	16	9

Lake Okeechobee Outlets Last 14 Days

			•		
	S-77	Below S-77	S-78	S-79	
Di	scharge	Discharge		Discharge	
	LL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)	
	AC-FT)	`(AC-FT)´	`(AC-FT)´	`(AC-FT)	
29 MAR 2020 `	2147	2177	1219	1779	
28 MAR 2020	2216	2280	993	1286	
27 MAR 2020	2355	2423	1013	900	
26 MAR 2020	2472	2516	995	868	
25 MAR 2020	2312	2344	1157	819	
24 MAR 2020	2548	2698	1606	1119	
23 MAR 2020	2282	2405	1599	1751	
22 MAR 2020	1866	1765	1410	2192	
21 MAR 2020	1724	1739	919	1809	
20 MAR 2020	1853	1758	990	1019	
19 MAR 2020	1873	1790	1200	870	
18 MAR 2020	1771	1770	1039	818	
17 MAR 2020	2016	1988	724	1013	
16 MAR 2020	2225	2313	1198	1651	
10 HAR 2020	2223	2313	1130	1031	
	S-310	S-351	S-352	S-354	L8 Canal Pt
	scharge	Discharge	Discharge	Discharge	Discharge
	LL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
	AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
29 MAR 2020	297	2152	605	988	220
28 MAR 2020	262	2412	578	1130	209
27 MAR 2020	337	2615	590	1041	-NR -
26 MAR 2020	377	2297	793	932	-NR -
25 MAR 2020	341	2428	852	869	-NR -
24 MAR 2020	438	2266	945	916	-NR-
23 MAR 2020	176	1927	489	999	-NR -
22 MAR 2020	189	1725	419	896	247
21 MAR 2020	226	1971	473	1063	-NR-
20 MAR 2020	201	2126	417	1146	306
19 MAR 2020	254	2023	495	924	286
18 MAR 2020	8	2078	790	894	257
17 MAR 2020	150	1540	757	875	306
16 MAR 2020	168	1647	604	714	311
10 HAR 2020	100	1047	004	7 = -	311
	S-308	Below S-30	8 S-80		
	scharge	Discharge	Discharg	e	
	LL DAY)	(ALL-DAY)	(ALL-DAY		
	AC-FT)	(AC-FT)	(AC-FT)	,	
29 MAR 2020	143	-62	36		
28 MAR 2020	-354	-7	42		
27 MAR 2020	-19	134	38		
26 MAR 2020	1081	-99	33		
25 MAR 2020	-57	153	40		
24 MAR 2020	-88	125	60		
- 1 HAR 2020	00	123	30		

23	MAR	2020	-271	95	- NR -
22	MAR	2020	-407	56	58
21	MAR	2020	-348	65	55
20	MAR	2020	442	114	40
19	MAR	2020	871	206	56
18	MAR	2020	858	173	55
17	MAR	2020	586	216	49
16	MAR	2020	1114	-6	46

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

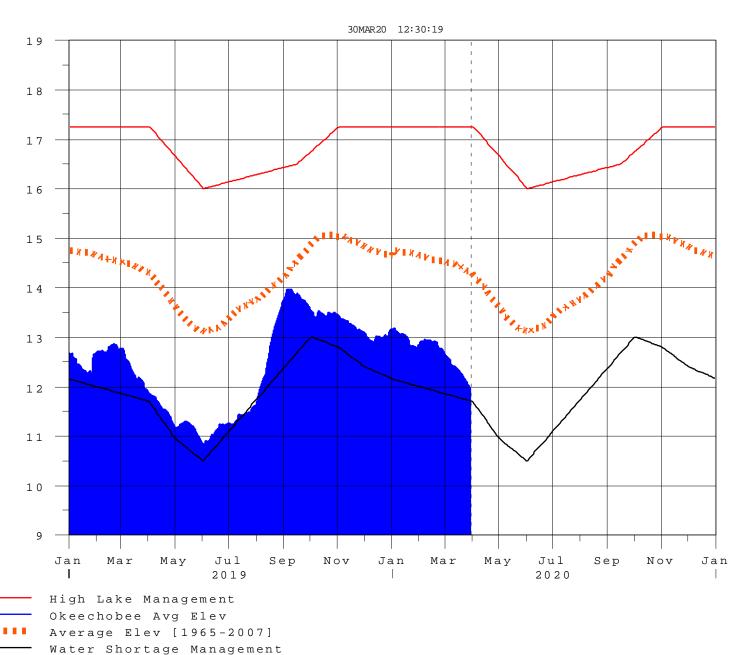
(I) - Flows preceeded by "I" signify an instantaneous

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 30MAR2020 @ 23:39 \*\* Preliminary Data - Subject to Revision \*\*





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# **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]				
	20003	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

# Classification of Lake Okeechobee Net Inflow Multi-Seasonal Outlook\*

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

<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

**Under Construction**