Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 04/27/2020 (ENSO Neutral Condition)

Lake Okeechobee Net Inflow Outlook:

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method¹, the SFWMD empirical method², a sub-sampling of Neutral years³ and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with La Nina ENSO years⁴. 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		roley's ethod ^{1*}	Em	FWMD npirical ethod ²	Neutr	ampling of al ENSO ears ³	Sub-sampling of AMO Warm + Neutral ENSO Years ⁴		
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	
Current (Apr- Sep)	N/A	N/A	1.83	Wet	2.07	Very Wet	2.83	Very Wet	
Multi Seasonal (Apr-Oct)	N/A	N/A	2.38	Normal	2.63	Wet	3.89	Wet	

^{*}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:

1416 cfs 14-day running average for Lake Okeechobee Net Inflow through 04/27/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

-2.32 for Palmer Drought Index on 04/25/2020.

According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 04/27/2020

Lake Okeechobee Stage: 11.45 feet

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	16.74	
	High sub-band	16.09	
Operational Band	Intermediate sub-band	15.29	
	Low sub-band	13.38	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	11.05	← 11.45 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 unless the Governing Board recommends otherwise.

LORS2008 Implementation on 04/27/2020 (ENSO Neutral Condition):

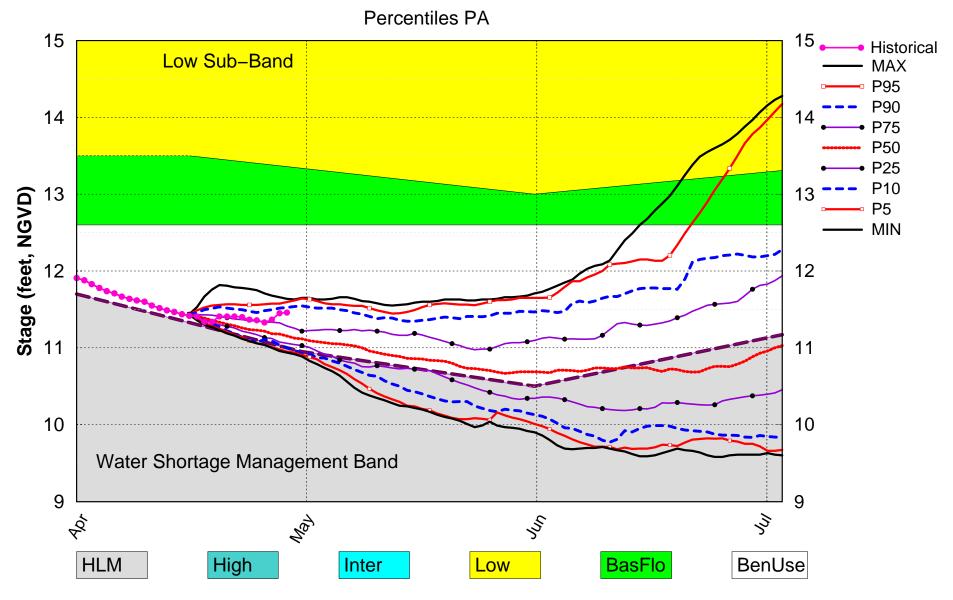
Status for week ending 4/27/2020:

Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Beneficial Use Sub band	Н
	Palmer Index for LOK Tributary Conditions	-2.32 (Extremely Dry)	Н
	CPC Procipitation Outlook	1 month: Above Normal	L
LOK	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	2.07 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook ENSO Forecast (positive)	2.63 ft (Normal)	М
	WCA 1: Site 1-8C	Above Line 1 (15.94 ft)	L
WCAs	WCA 2A: Site S-11B	Below Line 2 (10.04 ft)	Н
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Line 1- Line 2 (8.52 ft)	M
	Service Area 1	Year-Round Irrigation Rule in effect	L
LEC	Service Area 2	Year-Round Irrigation Rule in effect	Н
	Service Area 3	Year-Round Irrigation Rule in effect	Н

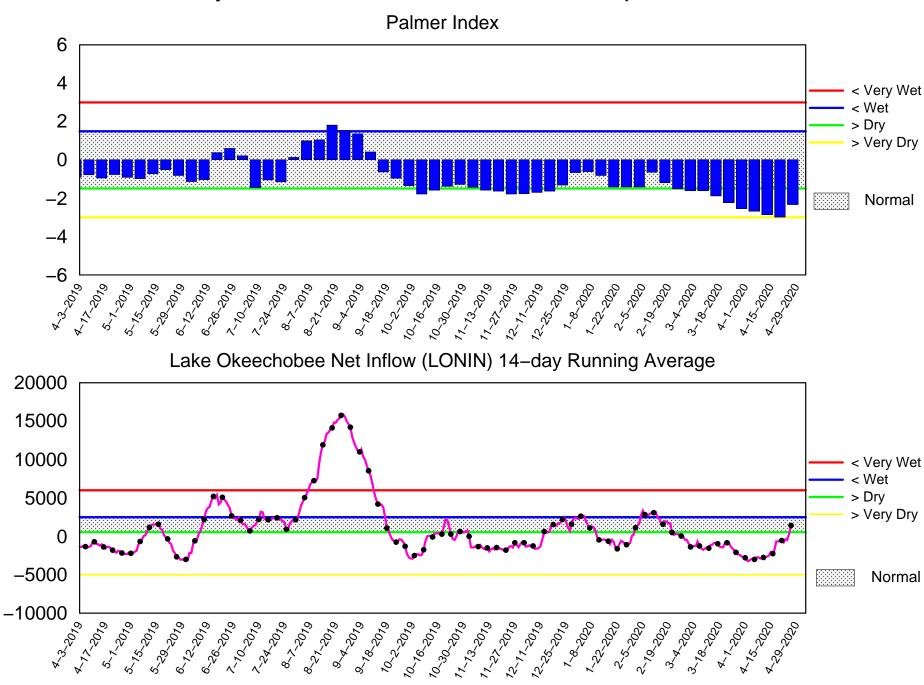
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM Apr 2020 Mid-Month Position Analysis



(See assumptions on the Position Analysis Results website)

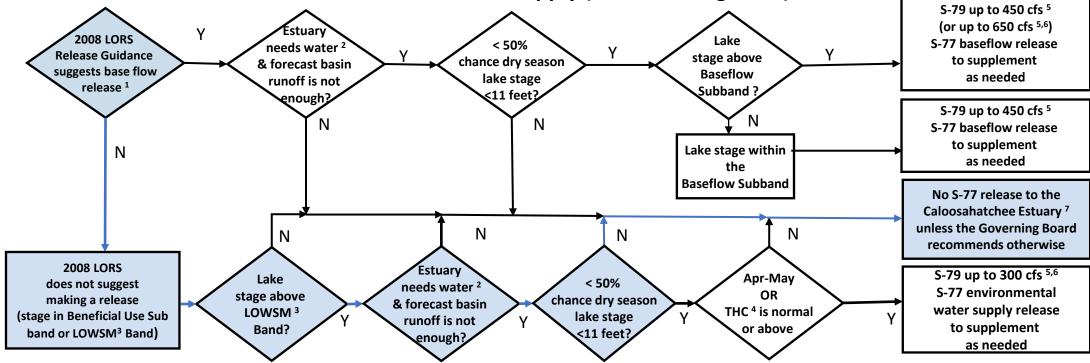
Tributary Basin Condition Indicators as of April 27 2020



Mon Apr 27 15:01:20 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)



¹The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands.

²Estuary "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.

³LOWSM = Lake Okeechobee Water Shortage Management.

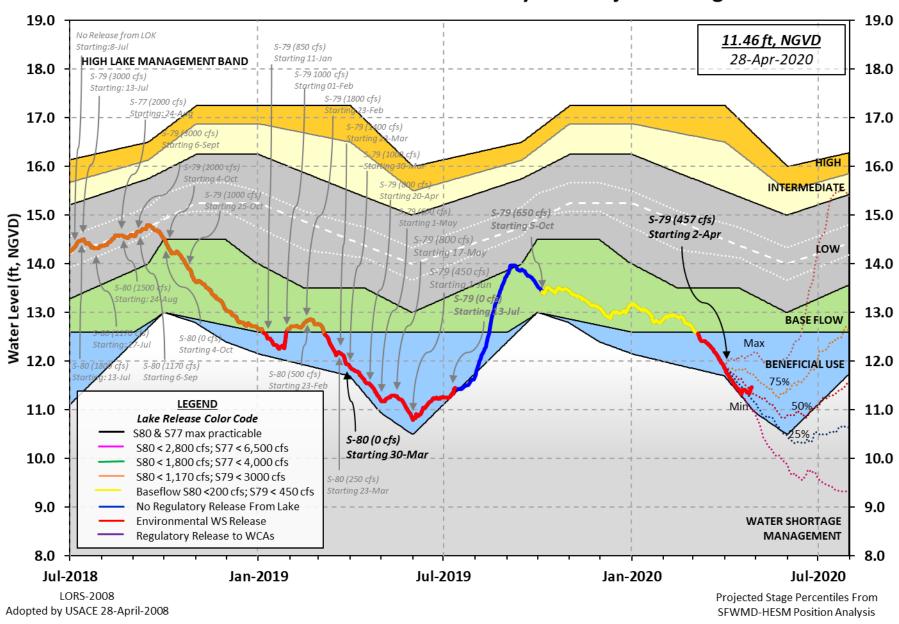
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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

⁶After reviewing conditions in Water Conservation Areas (WCAs), Stormwater Treatment Areas (STAs), ENP, St. Lucie Estuary and Lake Okeechobee.

⁷Should 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



Data Ending 2400 hours 26 APR 2020

Okeechobee Lake F	Regulatio	on Elevation (ft-NGVD)		/ear 2YRS Ago GVD) (ft-NGVD)	
	Lake Mng		11. of Water S	.35 13.26 (0	fficial Elv)
Simulated Avera Difference from		2008 [1965-2000] LORS2008	12.48 -1.03		
26APR (1965-200 Difference from		od of Record Aver Prage	_	3.69 .24	
Today Lake Oke	echobee e	elevation is dete	ermined fr	om the 4 Int &	4 Edge stati
++Navigation De ++Navigation De Bridge Clearand	epth (Bas	ed on 2007 Chanr ed on 2008 Chanr 2'	nel Condit nel Condit	tion Survey) Ro tion Survey) Ro	ute 1 ÷ 5.39 ute 2 ÷ 3.59
4 Interior and 4	Edge Oke	echobee Lake Ave	erage (Avg	g-Daily values)	:
L001 L005 L		42		S133 7 11.47	
*Combination Oke	eechobee	Avg-Daily Lake	Average =		
				(*See Note)	
Okeechobee Inflow	ws (cfs):			(*See Note) 	
Okeechobee Inflow S65E	ws (cfs): 298	S65EX1	240	(*See Note) Fisheating C	r -NR-
			240 0	Fisheating C S135 Pumps	r -NR- 0
S65E	298	S65EX1 S191 S133 Pumps	0	Fisheating C S135 Pumps S2 Pumps	
S65E S154 S84 S84X	298 0 94 0	S65EX1 S191 S133 Pumps S127 Pumps	0 0 0	Fisheating C S135 Pumps S2 Pumps S3 Pumps	0 0 0
S65E S154 S84 S84X S71	298 0 94 0 77	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	0 0 0 0	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
S154 S84 S84X	298 0 94 0	S65EX1 S191 S133 Pumps S127 Pumps	0 0 0	Fisheating C S135 Pumps S2 Pumps S3 Pumps	0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows:	298 0 94 0 77 0 709	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows:	298 0 94 0 77 0 709	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows:	298 0 94 0 77 0 709 DWS (cfs)	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo	298 0 94 0 77 0 709 DWS (cfs)	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo	298 0 94 0 77 0 709 DWS (cfs) 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0 0 384	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts	298 0 94 0 77 0 709 DWS (cfs) 0 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0 0 384 0	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure	298 0 94 0 77 0 709 DWS (cfs) 0 0 0 0 601 e flow is	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : : : S354 S351 S352 L8 Canal Pt	0 0 0 0 0 384 0 6	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 288 -78
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure ****S308 below f1 Okeechobee Pan Ex	298 0 94 0 77 0 709 DWS (cfs) 0 0 0 601 e flow is low meter	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt : being used to combine the combine to	0 0 0 0 0 384 0 6 compute To	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 288 -78
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure ****S308 below f1 Okeechobee Pan Ex	298 0 94 0 77 0 709 DWS (cfs) 0 0 0 601 e flow is low meter	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt	0 0 0 0 0 384 0 6 compute To	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 288 -78

Evaporation - Precipitation: = -0.92" = -0.08'

Evaporation - Precipitation using Lake Area of 730 square miles is equal to 18034 cfs into the lake.

Lake Okeechobee (Change in Storage) Flow is 14369 cfs or 28500 AC-FT

	Headwater					- Gat		ition	1s		
	Elevation				#2	#3	#4	#5	#6	#7	#8
	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
			(I) see r	ote at	bott	om					
North East Sh	nore										
S133 Pumps	: 12.34	11.15	0	0	0	0	0	0	(cf	5)	
S193:									•		
S191:	17.90	11.22	0	21.5	0.0	0.0					
S135 Pumps		11.36	0	0	0	0	0		(cf	5)	
S135 Culve			0	0.0	0.0				` -	,	
5255 00270.			· ·								
North West Sh	nore										
S65E:	21.15	11.06	298	0.0	0.0	0.0	0.5	0.5	0.0		
S65EX1:	21.15	11.06	240								
S127 Pumps		11.32	0	0	0	0	0	0	(cf	5)	
S127 Culve		11.32	0	0.0	ŭ	·	Ū	Ū	(0).	- /	
JIZ/ CUIVE			O	0.0							
S129 Pumps	• 12 21	11.74	0	0	0	0			(cf	:)	
S129 Culve		11.74	0	0.0	U	U			(01.)	
3129 Culvei	٠.		Ø	0.0							
C121 Dumme	. 12 20	11 26	0	0	•				/ o.f.	- \	
S131 Pumps		11.36	0	0	0				(cf	>)	
S131 Culve	τ:		0								
Fisheating											
nr Palmda			-NR -								
nr Lakepo	ort										
•	J1 C										
C5:		-NR-	0	-NR	NR	NF	R –				
C5:		-NR-	0	-NR	NR	NF	? -				
C5: South Shore			0	-NR	NR	NF	? -				
C5: South Shore S4 Pumps:	11.45	11.46	0	0	0	NF 0	₹-		(cf:	s)	
C5: South Shore				0	0		₹-		(cf	5)	
C5: South Shore S4 Pumps:	11.45	11.46	0	0	0	0	₹-		(cf:	5)	
C5: South Shore S4 Pumps: S169:	11.45 11.54	11.46	0 32	0	0	0	? -		(cf:		
C5: South Shore S4 Pumps: S169: S310:	11.45 11.54 11.44	11.46 11.52	0 32 4	0 5.0	0 5.0	0 5.0	? -				
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354:	11.45 11.54 11.44 9.33	11.46 11.52 11.66	0 32 4	0 5.0 0	0 5.0	0 5.0	₹-		(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps:	11.45 11.54 11.44 9.33 11.66	11.46 11.52 11.66 9.33 -NR-	0 32 4 0	0 5.0 0 0.0	0 5.0 0 0.0	0 5.0 0				5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351:	11.45 11.54 11.44 9.33 11.66 10.43 -NR-	11.46 11.52 11.66 9.33 -NR- 10.43	0 32 4 0 0	0 5.0 0 0.0 0	0 5.0 0 0.0 0.0	0 5.0 0			(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352:	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85	11.46 11.52 11.66 9.33 -NR- 10.43 10.85	0 32 4 0 0 0 384	0 5.0 0 0.0 0.0 0.0	0 5.0 0 0.0 0.0 0.0	0 5.0 0 0	0). A	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A:	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR-	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85	0 32 4 0 0 0 384	0 5.0 0 0.0 0	0 5.0 0 0.0 0.0	0 5.0 0 0	0	0.0	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352:	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR-	11.46 11.52 11.66 9.33 -NR- 10.43 10.85	0 32 4 0 0 0 384	0 5.0 0 0.0 0.0 0.0	0 5.0 0 0.0 0.0 0.0	0 5.0 0 0	0	0.0	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A:	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR-	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85	0 32 4 0 0 0 384	0 5.0 0 0.0 0.0 0.0	0 5.0 0 0.0 0.0 0.0	0 5.0 0 0	0	0.0	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A:	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR-	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85	0 32 4 0 0 0 384 0	0 5.0 0.0 0.0 0.0 0.0 8.0	0 5.0 0 0.0 0.0 0.0 8.0	0 5.0 0 0.0	0		(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A:	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR-	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85	0 32 4 0 0 0 384 0	0 5.0 0.0 0.0 0.0 0.0 8.0	0 5.0 0 0.0 0.0 0.0 8.0	0 5.0 0 0.0	0		(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR-	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85 11.60	0 32 4 0 0 384 0 6	0 5.0 0.0 0.0 0.0 8.0	0 5.0 0 0.0 0.0 0.0 8.0	0 5.0 0 0.0 8.	0 .0 @	ау	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR-	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85 11.60	0 32 4 0 0 384 0 6 Tempora	0 5.0 0.0 0.0 0.0 8.0 ary Pum	0 5.0 0 0.0 0.0 0.0 8.0 ps/S3	0 5.0 0 0.0 8. 54 St	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ау	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR-	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85 11.60	0 32 4 0 0 384 0 6 Tempora	0 5.0 0.0 0.0 0.0 8.0 ary Pum -NRN	0 5.0 0 0.0 0.0 0.0 8.0 ps/S3 RNR RNR	0 5.0 0 0.0 8. 54 St NR-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ау	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR-	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85 11.60	0 32 4 0 0 384 0 6 Tempora	0 5.0 0.0 0.0 0.0 8.0 ary Pum	0 5.0 0 0.0 0.0 0.0 8.0 ps/S3 RNR RNR	0 5.0 0 0.0 8. 54 St NR-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ау	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR-	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85 11.60	0 32 4 0 0 384 0 6 Tempora	0 5.0 0.0 0.0 0.0 8.0 ary Pum -NRN	0 5.0 0 0.0 0.0 0.0 8.0 ps/S3 RNR RNR	0 5.0 0 0.0 8. 54 St NR-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ау	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR- T	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85 11.60	0 32 4 0 0 384 0 6 2 Tempora 384 0 0	0 5.0 0.0 0.0 0.0 8.0 ary Pum -NRN	0 5.0 0 0.0 0.0 0.0 8.0 ps/S3 RNR RNR	0 5.0 0 0.0 8. 54 St NR-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ау	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR- T	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85 11.60	0 32 4 0 0 384 0 6 2 Tempora 384 0 0	0 5.0 0.0 0.0 0.0 8.0 -NRN -NRN	0 5.0 0 0.0 0.0 8.0 ps/S3 RNR RNR RNR	0 5.0 0 0.0 8. 54 St NR-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ау	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR- T	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85 11.60 1 and S353	0 32 4 0 0 384 0 6 2 Tempora 384 0 0	0 5.0 0.0 0.0 0.0 8.0 ary Pum -NRN -NRN	0 5.0 0.0 0.0 0.0 8.0 ps/S3 RNR RNR	0 5.0 0 0.0 8. 54 St NR-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ау	(cf:	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.45 11.54 11.44 9.33 11.66 10.43 -NR- 11.85 -NR- T	11.46 11.52 11.66 9.33 -NR- 10.43 10.85 11.85 11.60	0 32 4 0 0 384 0 6 2 Tempora 384 0 0	0 5.0 0.0 0.0 0.0 8.0 -NRN -NRN	0 5.0 0 0.0 0.0 8.0 ps/S3 RNR RNR RNR	0 5.0 0 0.0 8. 54 St NR-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ау	(cf:	5)	

```
S77:
   Spillway and Sector Preferred Flow:
              11.35
                        11.13
                                  288 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                    0
 S78:
   Spillway and Sector Flow:
                                  296
                                        1.0 0.0 0.0 0.0
              11.14
                       3.14
   Flow Due to Lockages+:
                                   7
   Spillway and Sector Flow:
                         0.89
                                  400
                                         0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0
               3.18
   Flow Due to Lockages+:
                                   6
   Percent of flow from S77
                                   72%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              11.59
                        11.58
                                  -78 3.0 3.0 3.0 3.0
   Flow Due to Lockages+:
                                    0
 S153:
                        11.36
                                   75
              18.60
                                        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
                         0.64
   Flow Due to Lockages+:
                                   16
   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) ****
```

- + 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	Wind			
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:	17.51	17.74	18.46	331	4			
S78:	1.22	1.23	1.69	285	2			
S79:	3.39	3.64	4.01	286	4			
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:	45.43	47.41	47.84	319	18			
S80:	6.91	8.22	9.55	326	5			
Okeechobee Average	31.47	5.01	5.10					

(Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	1.05	1.85	2.18

Okeechobee	Lake	e Elev	/ations	26	APR	2020	11.45	Difference from	26APR26
26APR20	-1	Day	=	25	APR	2020	11.37	-0.08	3
26APR20	-2	Days	=	24	APR	2020	11.33	-0.12	2
26APR20	-3	Days	=	23	APR	2020	11.36	-0.09	}
26APR20	-4	Days	=	22	APR	2020	11.37	-0.08	3
26APR20	-5	Days	=	21	APR	2020	11.40	-0.05	5
26APR20	-6	Days	=	20	APR	2020	11.41	-0.04	1
26APR20	-7	Days	=	19	APR	2020	11.41	-0.04	1
26APR20	-30	Days	=	27	MAR	2020	12.02	0.57	7
26APR20	-1	Year	=	26	APR	2019	11.35	-0.10)
26APR20	-2	Year	=	26	APR	2018	13.26	1.81	L

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

	Lake	Okeechobee	Net Inflo	ow (LONIN)	
	Average Flo			` '	Avg-Daily Flow
26APR20 Today	y = 26	APR 2020	1519	MON	15047
26APR20 -1 Day	= 25	APR 2020	378	SUN	8278
26APR20 -2 Days	s = 24	APR 2020	-392	SAT	-3754
26APR20 -3 Days	s = 23	APR 2020	-311	FRI	-173
26APR20 -4 Days	s = 22	APR 2020	-733	THU	-4600
26APR20 -5 Days	s = 21	APR 2020	-464	WED	-1474
26APR20 -6 Days	s = 26	APR 2020	-438	TUE	229
26APR20 -7 Days	s = 19	APR 2020	-628	MON	502
26APR20 -8 Days	s = 18	APR 2020	-941	SUN	13511
26APR20 -9 Day:	s = 17	APR 2020	-2042	SAT	3051
26APR20 -10 Days	s = 16	APR 2020	-2529	FRI	-8743
26APR20 -11 Day:	s = 15	APR 2020	-2321	THU	1906
26APR20 -12 Days	s = 14	APR 2020	-2873	WED	47
26APR20 -13 Days	s = 13	APR 2020	-3019	TUE	-2563

	S65E													
				Average	Flow	v over	previous	14 days	Avg-Daily Flow					
26APR20		Today	y =	26	APR	2020	322	MON	343					
26APR20	-1	Day	=	25	APR	2020	308	SUN	514					
26APR20	-2	Days	=	24	APR	2020	296	SAT	322					
26APR20	-3	Days	=	23	APR	2020	299	FRI	248					
26APR20	-4	Days	=	22	APR	2020	301	THU	309					
26APR20	-5	Days	=	21	APR	2020	304	WED	309					
26APR20	-6	Days	=	20	APR	2020	301	TUE	303					
26APR20	-7	Days	=	19	APR	2020	315	MON	303					
26APR20	-8	Days	=	18	APR	2020	320	SUN	307					
26APR20	-9	Days	=	17	APR	2020	324	SAT	306					
26APR20	-10	Days	=	16	APR	2020	314	FRI	309					
26APR20	-11	Days	=	15	APR	2020	318	THU	304					
26APR20	-12	Days	=	14	APR	2020	311	WED	302					
26APR20	-13	Days	=	13	APR	2020	314	TUE	324					

			S65EX1					
		Average	Flow over	previous	14 days		Avg-Daily Flow	
26APR20	Today	= 26	APR 2020	87	MON		240	
26APR20	-1 Day	= 25	APR 2020	70	SUN		258	
26ADR20	-2 Dave	- 24	ADR 2020	52	CAT	i i	222	

26APR20	-3	Days	=	23	APR	2020	35	FRI		138	
26APR20	-4	Days	=	22	APR	2020	30	THU		177	
26APR20	-5	Days	=	21	APR	2020	18	WED		0	
26APR20	-6	Days	=	20	APR	2020	18	TUE		0	
26APR20	-7	Days	=	19	APR	2020	18	MON		35	
26APR20	-8	Days	=	18	APR	2020	15	SUN		75	
26APR20	-9	Days	=	17	APR	2020	10	SAT		0	
26APR20	-10	Days	=	16	APR	2020	10	FRI		0	
26APR20	-11	Days	=	15	APR	2020	10	THU		0	
26APR20	-12	Days	=	14	APR	2020	10	WED		0	
26APR20	-13	Days	=	13	APR	2020	10	TUE		64	

Lake Okeechobee Outlets Last 14 Days

S-77	Below S-77	S-78	S-79	
Discharge	Discharge	Discharge	Discharge	
(ALL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)	
DATE (AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
26 APR 2020 516	638	601	833	
25 APR 2020 1476	1675	941	812	
24 APR 2020 1971	2107	1144	1953	
23 APR 2020 1623	1684	1714	1345	
22 APR 2020 1230	1149	470	606	
21 APR 2020 674	798	9	5	
20 APR 2020 77	254	324	447	
19 APR 2020 802	955	623	261	
18 APR 2020 777	730	613	394	
17 APR 2020 1403	1322	607	377	
16 APR 2020 1729	2549	602	27	
15 APR 2020 1319	1514	723	392	
14 APR 2020 1844	1950	594	1060	
13 APR 2020 1143	1288	663	1055	
			_000	
S-310	S-351	S-352	S-354	L8 Canal Pt
Discharge	Discharge			Discharge
(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
DATE (AC-FT)	`(AC-FT)´	`(AC-FT)´	`(AC-FT)´	`(AC-FT)
26 APR 2020 7	` 761 [´]	` ø´	` o´	` 13 [']
25 APR 2020 -7	896	0	0	11
24 APR 2020 299	964	0	0	114
23 APR 2020 104	1532	0	0	-67
22 APR 2020 82	76	97	0	-112
21 APR 2020 93	0	0	0	-55
20 APR 2020 86	0	247	0	47
19 APR 2020 35	0	193	0	-82
18 APR 2020 32	545	665	157	33
17 APR 2020 59	2496	993	514	26
16 APR 2020 547	2984	1037	1079	104
15 APR 2020 390	2626	1011	1467	237
14 APR 2020 417	2729	719	1432	166
13 APR 2020 286	2313	645	1015	157
S-308	Below S-30	8 S-80		
Discharge	Discharge	Discharg	e	
(ALL DAY)	(ALL-DAY)			
DATE (AC-FT)	(AC-FT)	(AC-FT)		
26 APR 2020 -1068	-154	32		
25 APR 2020 -1127	-37	38		
24 APR 2020 -138	-109	-NR-		
23 APR 2020 -237	195	18		
22 APR 2020 -1763	-211	37		
21 APR 2020 -2370	-608	22		

20	APR	2020	-2030	-391	16
19	APR	2020	-908	-314	41
18	APR	2020	-309	-376	31
17	APR	2020	-87	323	29
16	APR	2020	681	178	21
15	APR	2020	788	519	13
14	APR	2020	904	321	26
13	APR	2020	1188	370	13

*** 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

* 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.

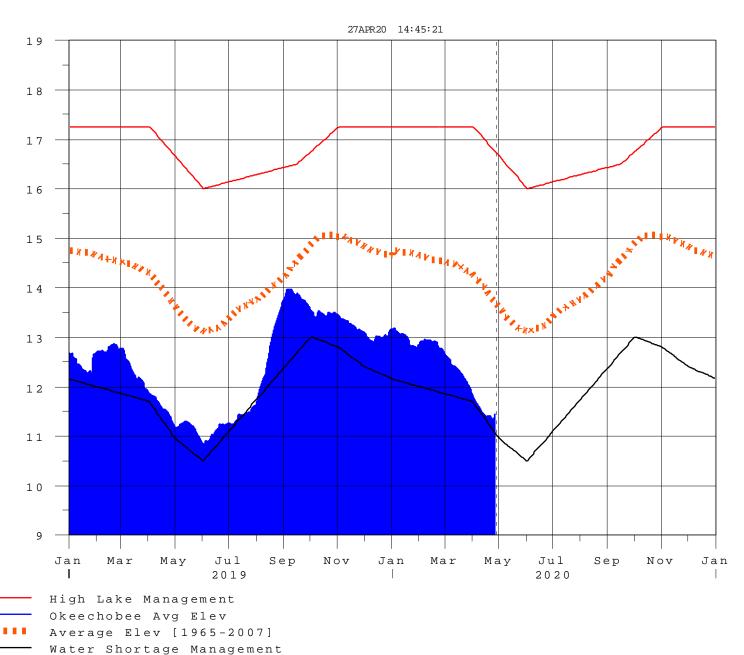
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 27APR2020 @ 23:39 ** Preliminary Data - Subject to Revision **





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G V D

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

^{*} 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
	2000	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	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

^{**}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