Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 05/25/2020 (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*}	SFWMD Empirical Method ²		Neuti	ampling of ral ENSO rears ³	Sub-sampling of AMO Warm + Neutral ENSO Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (May- Oct)	N/A	N/A	2.53	Very Wet	2.66	Very Wet	3.74	Very Wet
Multi Seasonal (May- Apr)	N/A	N/A	3.09	Wet	3.02	Wet	4.37	Very 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:

1172 cfs 14-day running average for Lake Okeechobee Net Inflow through 05/25/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

-2.67 for Palmer Drought Index on 05/23/2020. 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 05/25/2020

Lake Okeechobee Stage: 11.14 feet

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	16.16	
	High sub-band	15.63	
Operational Band	Intermediate sub-band	15.06	
	Low sub-band	13.08	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	10.60	← 11.14 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 release at S-79 up to 300 cfs, S-77 environmental water supply release to supplement as needed.

LORS2008 Implementation on 05/25/2020 (ENSO Neutral Condition):

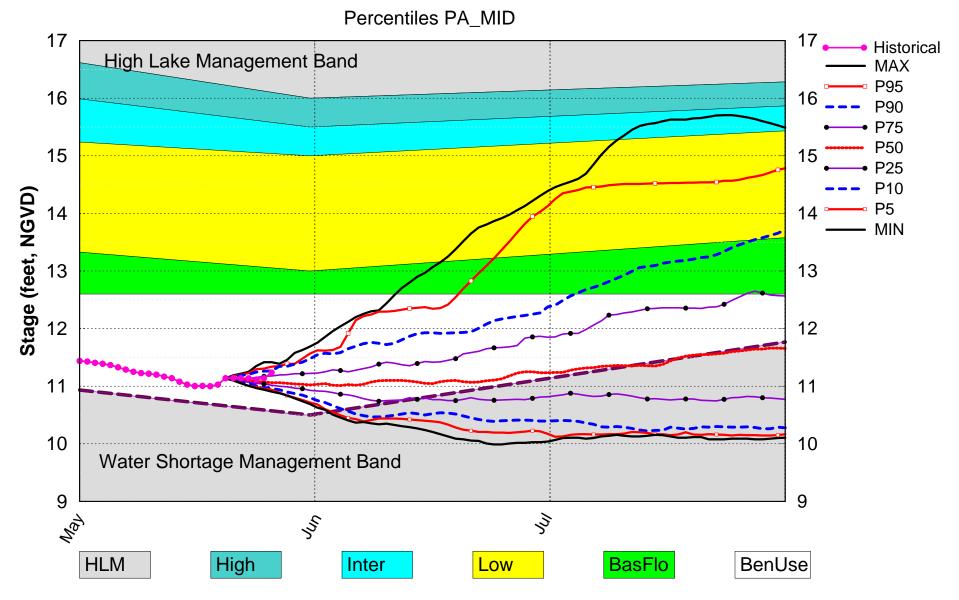
Status for week ending 05/25/2020:

Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Beneficial Use Sub band	M
	Palmer Index for LOK Tributary Conditions	-2.67 (Extremely Dry)	Н
	CPC Precipitation Outlook	1 month: Above Normal	L
LOK	CPC Precipitation Odilook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook	2.66 ft	
	ENSO Forecast (positive)	Normal to Extremely Wet	_
	LOK Multi-Seasonal Net Inflow Outlook	3.02 ft	M
	ENSO Forecast (positive)	Normal	IVI
	WCA 1: 3 Station Average (Site 1-7, 1-8T and 1-9)	Above Line 1 (16.08 ft)	L
WCAs	WCA 2A: Site 2-17	Above Line 1 (11.54 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.02 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

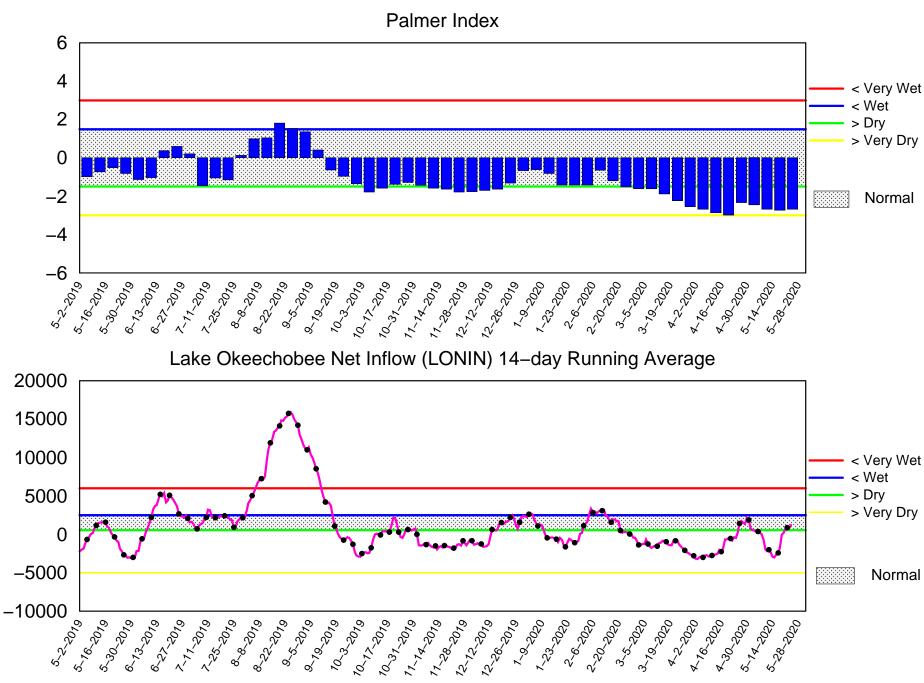
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM May 2020 Mid-Mon Position Analysis



(See assumptions on the Position Analysis Results website)

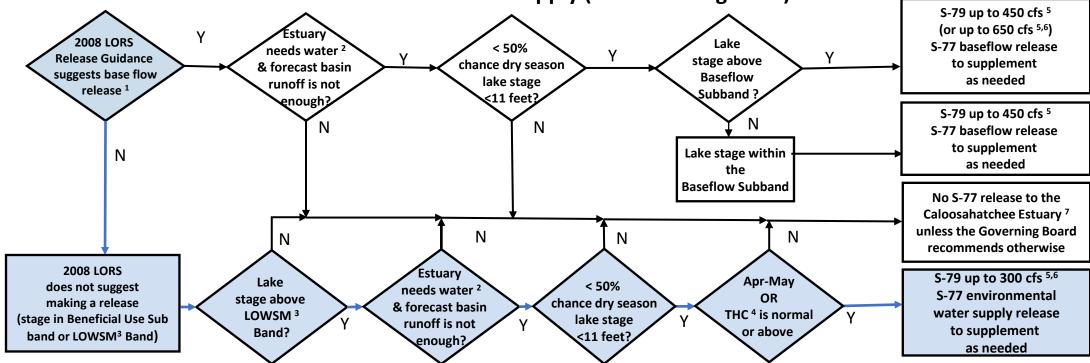
Tributary Basin Condition Indicators as of May 25 2020



Mon May 25 21:42:36 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.

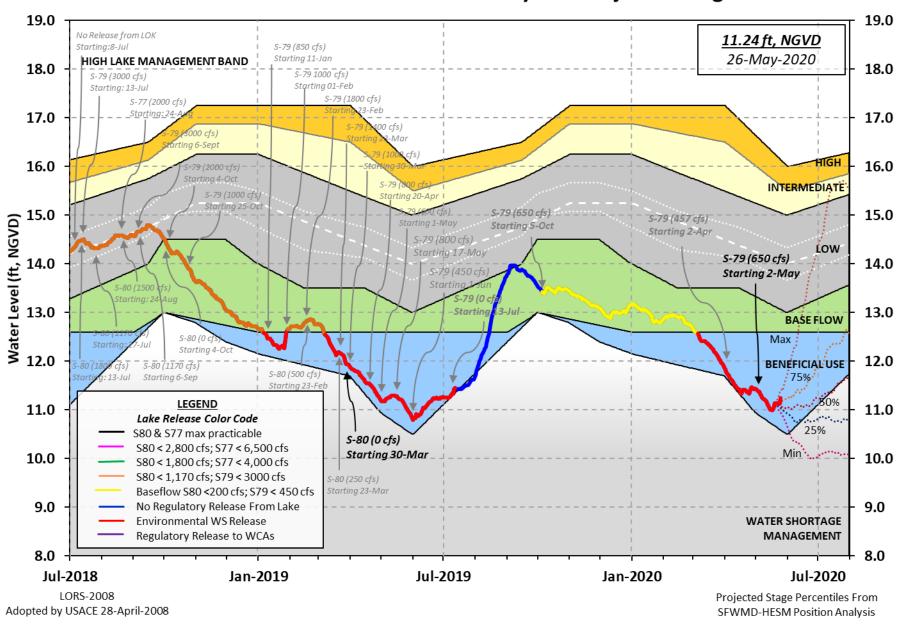
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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



	hours	24 MAY 2020			
	ke Elevat Lake Mng	(ft-NGVD)) (ft-NO 11. of Water S		ficial Elv) 60
Simulated Aver Difference from		008 [1965-2000] LORS2008	11.97 -0.83		
24MAY (1965-20 Difference fro		d of Record Aver rage	•	3.15 .01	
Today Lake Oke	echobee e	levation is dete	ermined fr	om the 4 Int &	4 Edge stations
	epth (Bas	ed on 2007 Chanr ed on 2008 Chanr 7'			
4 Interior and 4	Edge Oke	echobee Lake Ave	erage (Av	g-Daily values):	
11.09 11.30	11.14 11	40 S4 S352 .10 11.30 11.1 Avg-Daily Lake	10.98	S133 3 11.07 = 11.14 (*See Note)	
Okeechobee Inflo		CCEEVA	110	Fish satisfic	ND
S65E	379	S65EX1	119	Fisheating Cr	
C1 F /	0	S191	0	S135 Pumps	0
S154	-	C122 Dumpe	α	C2 Dumpe	
S84	32	S133 Pumps	0	S2 Pumps	0
S84 S84X	32 0	S127 Pumps	0	S3 Pumps	0 0
S84 S84X S71	32 0 127	S127 Pumps S129 Pumps	0 0	S3 Pumps S4 Pumps	0 0 0
S84 S84X S71 S72	32 0	S127 Pumps	0	S3 Pumps	0 0
S84 S84X S71 S72	32 0 127 0 657	S127 Pumps S129 Pumps S131 Pumps	0 0	S3 Pumps S4 Pumps	0 0 0
S84 S84X S71 S72 Total Inflows:	32 0 127 0 657	S127 Pumps S129 Pumps S131 Pumps	0 0	S3 Pumps S4 Pumps	0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts	32 0 127 0 657 ows (cfs)	S127 Pumps S129 Pumps S131 Pumps : : S354 S351	0 0 0	S3 Pumps S4 Pumps C5	0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts	32 0 127 0 657 ows (cfs) 0 0	S127 Pumps S129 Pumps S131 Pumps : : : S354 S351 S352	0 0 0 0 0 0 18	S3 Pumps S4 Pumps C5	0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: 135 Culverts S127 Culverts S129 Culverts S131 Culverts	32 0 127 0 657 ows (cfs) 0 0 0	S127 Pumps S129 Pumps S131 Pumps : : S354 S351	0 0 0	S3 Pumps S4 Pumps C5	0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts	32 0 127 0 657 ows (cfs) 0 0	S127 Pumps S129 Pumps S131 Pumps : : : S354 S351 S352	0 0 0 0 0 0 18	S3 Pumps S4 Pumps C5	0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts	32 0 127 0 657 ows (cfs) 0 0 0 60 105	S127 Pumps S129 Pumps S131 Pumps : : : S354 S351 S352 L8 Canal Pt	0 0 0 0 18 5	S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure ****S308 below file	32 0 127 0 657 ows (cfs) 0 0 60 105 e flow is	S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt being used to c is being used t	0 0 0 0 18 5	S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure ****S308 below for the structure ****S308 below for t	32 0 127 0 657 ows (cfs) 0 0 60 105 e flow is low meter	S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt being used to c is being used t	0 0 0 18 5 compute To	S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure ****S308 below for the structure ****S308 below for the structure ****S77	32 0 127 0 657 ows (cfs) 0 0 60 105 e flow is low meter vaporatio 0.00	S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt being used to c is being used t	0 0 0 18 5 compute To	S3 Pumps S4 Pumps C5 S77 S308 Otal Outflow.	0 0 0 0

Evaporation - Precipitation: = -1.16" = -0.10' Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 22794 cfs into the lake.

Lake Okeechobee (Change in Storage) Flow is 3529 cfs or 7000 AC-FT

	Headwater	Tailwate	2			- Gat	- Pos	ition	ns		
	Elevation					#3	#4	#5	#6	#7	#8
								_			
	(ft-msl)						(TL)	(TL)	(TL)	(TL)	(TL)
Nameth Fact C	L	•	(I) see r	iote at	DOLL	Om					
North East S		44.00	•	•	•	•	•	_	, ,		
S133 Pumps	: 12.11	11.09	0	0	0	0	0	0	(cf	5)	
S193:											
S191:	15.30	11.09	0	0.0	0.0	0.0					
S135 Pumps		11.02	0	0	0	0	0		(cf	5)	
S135 Culve	rts:		0	0.0	0.0						
North West S											
S65E:	21.01	11.41	379	0.5	0.0	0.0	0.0	0.0	0.0		
S65EX1:	21.01	11.41	119								
S127 Pumps		11.20	0	0	0	0	0	0	(cf	5)	
S127 Culve	rt:		0	0.0							
S129 Pumps	: 12.59	12.27	0	0	0	0			(cf	s)	
S129 Culve			0	0.0					`	,	
			•								
S131 Pumps	: 13.03	12.14	0	0	0				(cf	5)	
S131 Culve			60	•	·				(- /	
5151 00110											
Fisheating	Creek										
nr Palmd			-NR-								
	aic		-1417-								
nn Lakon	ont										
nr Lakep	ort		0	ND	ND	NE	,				
nr Lakep C5:	ort 	-NR-	0	-NR	NR	NF	? -				
C5:	ort 	-NR -	0	-NR	NR	NF	? –				
C5: South Shore							? –		(65)	- \	
C5: South Shore S4 Pumps:	11.47	11.18	0	0	0	0	{-		(cfs	5)	
C5: South Shore S4 Pumps: S169:	11.47 11.25		0 -55	0		0	₹-		(cf:	5)	
C5: South Shore S4 Pumps: S169: S310:	11.47 11.25 11.13	11.18 11.28	0 -55 -76	0 5.0	0 5.0	0 5.0	? –		·		
C5: South Shore S4 Pumps: S169: S310: S3 Pumps:	11.47 11.25 11.13 9.80	11.18 11.28 11.27	0 -55 -76 0	0 5.0 0	0 5.0 0	0	₹-		(cfs		
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354:	11.47 11.25 11.13 9.80 11.27	11.18 11.28 11.27 9.80	0 -55 -76 0 0	0 5.0 0 0.0	0 5.0 0 0.0	0 5.0			(cf	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps:	11.47 11.25 11.13 9.80 11.27 10.02	11.18 11.28 11.27 9.80 -NR-	0 -55 -76 0 0	0 5.0 0 0.0 0	0 5.0 0 0.0 0	0 5.0 0	₹- Ø		·	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351:	11.47 11.25 11.13 9.80 11.27 10.02 -NR-	11.18 11.28 11.27 9.80 -NR- 10.02	0 -55 -76 0 0 0	0 5.0 0 0.0 0	0 5.0 0 0.0 0.0	0 5.0			(cf	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps:	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24	11.18 11.28 11.27 9.80 -NR- 10.02 9.45	0 -55 -76 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:	11.47 11.25 11.13 9.80 11.27 10.02 -NR-	11.18 11.28 11.27 9.80 -NR- 10.02	0 -55 -76 0 0 0	0 5.0 0 0.0 0	0 5.0 0 0.0 0.0	0 5.0 0 0	0	ð.0	(cf	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352:	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR-	11.18 11.28 11.27 9.80 -NR- 10.02 9.45	0 -55 -76 0 0 0	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	(cfs	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A:	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR-	11.18 11.28 11.27 9.80 -NR- 10.02 9.45 11.29	0 -55 -76 0 0 0 0	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	(cfs	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A:	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR-	11.18 11.28 11.27 9.80 -NR- 10.02 9.45 11.29 11.25	0 -55 -76 0 0 0 18	0 5.0 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		(cfs	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A:	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR-	11.18 11.28 11.27 9.80 -NR- 10.02 9.45 11.29	0 -55 -76 0 0 0 18	0 5.0 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		(cfs	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR-	11.18 11.28 11.27 9.80 -NR- 10.02 9.45 11.29 11.25	0 -55 -76 0 0 0 18 5	0 5.0 0.0 0.0 0.0 8.0	0 5.0 0.0 0.0 0.0 8.0	0 5.0 0 0.0 8.	0 0 0	ay	(cfs	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR- T	11.18 11.28 11.27 9.80 -NR- 10.02 9.45 11.29 11.25	0 -55 -76 0 0 0 18 5	0 5.0 0.0 0.0 0.0 8.0 ary Pum	0 5.0 0 0.0 0.0 8.0 8.0	5.0 0 0.0 8.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay	(cfs	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR- T	11.18 11.28 11.27 9.80 -NR- 10.02 9.45 11.29 11.25	0 -55 -76 0 0 0 18 5 2 Tempora	0 5.0 0.0 0.0 0.0 8.0 ary Pum -NRN	0 5.0 0 0.0 0.0 8.0 8.0 PS/S3	5.0 0 0.0 8. 54 Sp	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay	(cfs	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR- T	11.18 11.28 11.27 9.80 -NR- 10.02 9.45 11.29 11.25	0 -55 -76 0 0 0 18 5	0 5.0 0.0 0.0 0.0 8.0 ary Pum	0 5.0 0 0.0 0.0 8.0 8.0 PS/S3	5.0 0 0.0 8. 54 Sp	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay	(cfs	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR- T	11.18 11.28 11.27 9.80 -NR- 10.02 9.45 11.29 11.25	0 -55 -76 0 0 0 18 5 2 Tempora 0 18	0 5.0 0.0 0.0 0.0 8.0 ary Pum -NRN	0 5.0 0 0.0 0.0 8.0 8.0 PS/S3	5.0 0 0.0 8. 54 Sp	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay	(cfs	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR- T	11.18 11.28 11.27 9.80 -NR- 10.02 9.45 11.29 11.25	0 -55 -76 0 0 0 18 5 2 Tempora 0 18 0	0 5.0 0.0 0.0 0.0 8.0 ary Pum -NRN	0 5.0 0 0.0 0.0 8.0 8.0 PS/S3	5.0 0 0.0 8. 54 Sp	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay	(cfs	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR- T S35: 10.02 9.45 9.80 ee River (9)	11.18 11.28 11.27 9.80 -NR- 10.02 9.45 11.29 11.25 1 and S352	0 -55 -76 0 0 0 18 5 2 Tempora 0 18 0	0 5.0 0.0 0.0 0.0 8.0 -NRN -NRN	0 5.0 0.0 0.0 0.0 8.0 ps/S3 IRNR IRNR	5.0 0 0.0 8. 54 Sp	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay	(cfs	5)	
C5: South Shore S4 Pumps: S169: S310: S3 Pumps: S354: S2 Pumps: S351: S352: C10A: L8 Canal P	11.47 11.25 11.13 9.80 11.27 10.02 -NR- 11.24 -NR- T	11.18 11.28 11.27 9.80 -NR- 10.02 9.45 11.29 11.25	0 -55 -76 0 0 0 18 5 2 Tempora 0 18 0	0 5.0 0.0 0.0 0.0 8.0 ary Pum -NRN	0 5.0 0 0.0 0.0 8.0 8.0 PS/S3	5.0 0 0.0 8. 54 Sp	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ay	(cfs	5)	

```
S77:
   Spillway and Sector Preferred Flow:
              11.52
                        11.24
                                  177 0.0 3.0 0.0 0.0
   Flow Due to Lockages+:
                                    0
 S78:
   Spillway and Sector Flow:
                                  600
                                         2.0 0.0 0.0 0.0
              11.28
                       2.85
   Flow Due to Lockages+:
                                   17
 S79:
   Spillway and Sector Flow:
                         0.53
                                  894
                                         0.5 1.0 1.0 1.0 0.0 0.0 0.0 0.0
               3.12
   Flow Due to Lockages+:
                                    7
   Percent of flow from S77
                                   20%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              11.22
                        11.23
                                 -156 3.0 3.0 3.0 3.0
   Flow Due to Lockages+:
                                    0
 S153:
              19.00
                        10.84
                                    0
                                         0.0 0.0
 S80:
   Spillway and Sector Flow:
              11.10
                                    0
                                         0.0 0.0 0.0 0.0 0.0 0.0 0.0
                         1.57
   Flow Due to Lockages+:
                                   12
   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	.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:	22.18	22.18	24.94	91	4
S78:	5.32	5.32	7.25	82	9
S79:	7.31	8.53	9.01	67	12
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:	49.45	49.45	50.93	255	1
S80:	12.88	12.88	14.49	94	3
Okeechobee Average	35.82	5.51	5.84		

•	•		•	
Oke Nexrad Basi	n Avg	1.18	1.22	3.45

Okeechobee Lake Elevations	24 MAY 2020	11.14 Differ	ence from 24MAY20
24MAY20 -1 Day =	23 MAY 2020	11.12	-0.02
24MAY20 -2 Days =	22 MAY 2020	11.14	0.00
24MAY20 -3 Days =	21 MAY 2020	11.14	0.00
24MAY20 -4 Days =	20 MAY 2020	11.14	0.00
24MAY20 -5 Days =	19 MAY 2020	11.14	0.00
24MAY20 -6 Days =	18 MAY 2020	11.03	-0.11
24MAY20 -7 Days =	17 MAY 2020	11.00	-0.14
24MAY20 -30 Days =	24 APR 2020	11.33	0.19
24MAY20 -1 Year =	24 MAY 2019	11.09	-0.05
24MAY20 -2 Year =	24 MAY 2018	13.71	2.57

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

				Lake 0	keed	hobee	Net Inflo	ow (LONIN)	
		ļ	Averag	ge Flov	OVE	er the	previous	14 days	Avg-Daily Flow
24MAY20	T	oday	=	24	MAY	2020	1238	MON	3729
24MAY20	-1	Day	=	23	MAY	2020	778	SUN	-3061
24MAY20	-2	Days	=	22	MAY	2020	898	SAT	102
24MAY20	-3	Days	=	21	MAY	2020	679	FRI	53
24MAY20	-4	Days	=	20	MAY	2020	260	THU	16
24MAY20	-5	Days	=	19	MAY	2020	-51	WED	20001
24MAY20	-6	Days	=	18	MAY	2020	-1775	TUE	7479
24MAY20	-7	Days	=	17	MAY	2020	-2381	MON	784
24MAY20	-8	Days	=	16	MAY	2020	-2578	SUN	2846
24MAY20	-9	Days	=	15	MAY	2020	-2950	SAT	-1645
24MAY20	-10	Days	=	14	MAY	2020	-2866	FRI	-4709
24MAY20	-11	Days	=	13	MAY	2020	-2345	THU	-5786
24MAY20	-12	Days	=	12	MAY	2020	-1972	WED	-718
24MAY20	-13	Days	=	11	MAY	2020	-2152	TUE	-1756

S65E										
				Average	Flov	v over	previous	14 days	Avg-Daily Flow	
24MAY20		Today	/=	24	MAY	2020	269	MON	438	
24MAY20	-1	Day	=	23	MAY	2020	272	SUN	373	
24MAY20	-2	Days	=	22	MAY	2020	268	SAT	262	
24MAY20	-3	Days	=	21	MAY	2020	272	FRI	305	
24MAY20	-4	Days	=	20	MAY	2020	284	THU	228	
24MAY20	-5	Days	=	19	MAY	2020	300	WED	332	
24MAY20	-6	Days	=	18	MAY	2020	325	TUE	107	
24MAY20	-7	Days	=	17	MAY	2020	373	MON	210	
24MAY20	-8	Days	=	16	MAY	2020	404	SUN	154	
24MAY20	-9	Days	=	15	MAY	2020	431	SAT	243	
24MAY20	-10	Days	=	14	MAY	2020	452	FRI	68	
24MAY20	-11	Days	=	13	MAY	2020	484	THU	364	
24MAY20	-12	Days	=	12	MAY	2020	495	WED	294	
24MAY20	-13	Days	=	11	MAY	2020	510	TUE	390	

		S65EX1			
		Average Flow over	previous 14	l days	Avg-Daily Flow
24MAY20	Today=	24 MAY 2020	130	MON	119

24MAY20	-1 Day	=	23 MAY	2020	149	SUN	44
24MAY20	-2 Days	=	22 MAY	2020	166	SAT	44

24MAY20	-3	Days	=	21	MAY	2020	183	FRI	1	91
24MAY20	-4	Days	=	20	MAY	2020	191	THU		45
24MAY20	-5	Days	=	19	MAY	2020	199	WED		44
24MAY20	-6	Days	=	18	MAY	2020	196	TUE		45
24MAY20	-7	Days	=	17	MAY	2020	192	MON		46
24MAY20	-8	Days	=	16	MAY	2020	195	SUN		172
24MAY20	-9	Days	=	15	MAY	2020	199	SAT		139
24MAY20	-10	Days	=	14	MAY	2020	205	FRI		227
24MAY20	-11	Days	=	13	MAY	2020	204	THU		207
24MAY20	-12	Days	=	12	MAY	2020	205	WED		263
24MAY20	-13	Days	=	11	MAY	2020	205	TUE		329

Lake Okeechobee Outlets Last 14 Days

S-	-77 Below S-77	S-78	S-79		
	charge Discharge		Discharge		
	DAY) (ALL-DAY)	-	(ALL DAY)		
	C-FT) (AC-FT)	`(AC-FT)	`(AC-FT)		
24 MAY 2020 `	344 568	` 1223	` 1794		
23 MAY 2020	153 272	1878	2330		
22 MAY 2020	-46 3	907	2026		
21 MAY 2020	78 -37	600	939		
20 MAY 2020	54 8	500	653		
19 MAY 2020	376 455	623	1238		
18 MAY 2020 1	1429	912	2608		
17 MAY 2020 1	1540	1204	1986		
16 MAY 2020 1	1303	1258	1195		
15 MAY 2020 1	L676 1924	1289	1003		
14 MAY 2020 2	2143 2455	1308	1277		
13 MAY 2020 2	2416 2736	1447	1231		
12 MAY 2020 2	2241 2736	1578	1275		
11 MAY 2020 1	L496 1660	1135	940		
S-	·310 S-351	S-352	S-354	L8 Canal Pt	
	charge Discharge		Discharge	Discharge	
	DAY) (ALL DAY)	, ,	(ALL DAY)	(ALL DAY)	
DATE (AC	C-FT) (AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
24 MAY 2020 -	-151 0	35	0	10	
23 MAY 2020	-75 0	792	0	-0	
22 MAY 2020 -	-128 0	203	0	-2	
21 MAY 2020	-92 0	0	0	9	
	-200 0	0	0	-12	
	-241 0	14	0	-42	
18 MAY 2020	161 1457	584	728	-40	
17 MAY 2020	203 2018	941	946	-31	
16 MAY 2020	143 2407	857	1120	64	
15 MAY 2020	92 774	634	497	59	
14 MAY 2020	237 3950	984	1523	48	
13 MAY 2020	429 4008	1122	2158	23	
12 MAY 2020	338 3276	1155	2195	72	
11 MAY 2020	197 2455	1269	1758	69	
c	-308 Below S-30	08 S-80			
_			,		
	charge Discharg DAY) (ALL-DAY				
	C-FT) (AC-FT)	(AC-FT)	,		
· ·	L867 -309	(AC-F1)			
	2147 -198	43			
	1952 -51	-NR-			
	1116 12	-NR -			
	2045 -195	45			
	1360 -281	27			
		-/			

18	MAY	2020	-1623	16	41
17	MAY	2020	-1416	-4	17
16	MAY	2020	-1587	-41	15
15	MAY	2020	131	325	36
14	MAY	2020	-285	249	22
13	MAY	2020	-418	84	20
12	MAY	2020	-453	132	29
11	MAY	2020	-1301	-37	21

*** 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.

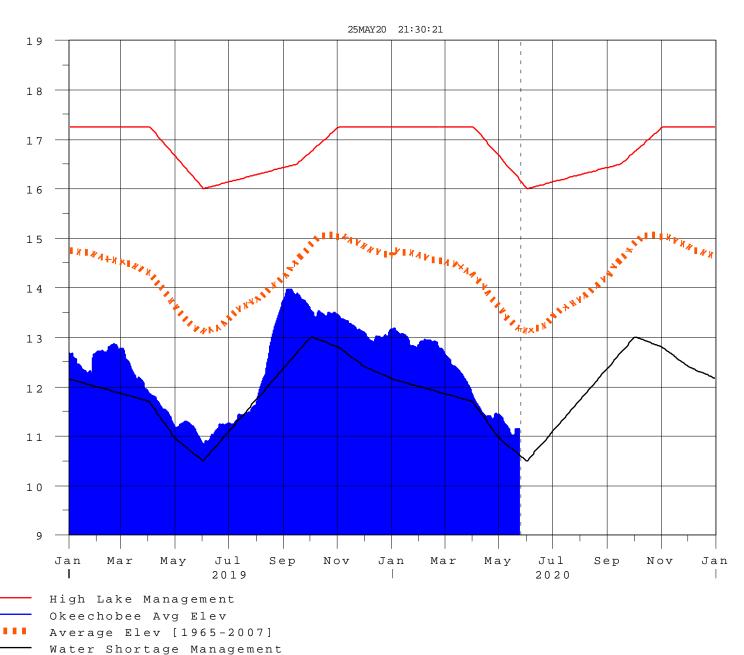
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations ++ For more information see the Jacksonville District Navigation website

at http://www.saj.usace.army.mil/

\$ For information regarding Lake Okeechobee Service Area water restrictions
please refer to www.sfwmd.gov

Report Generated 25MAY2020 @ 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	

^{*} 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