Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 2/25/2019 (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 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 (Feb-Jul)	N/A	N/A	1.29 Normal		1.47	Wet	1.80	Wet	
Multi Seasonal (Feb- Oct)	N/A	N/A	3.26	Wet	3.43	Wet	4.52	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:

3589 cfs 14-day running average for Lake Okeechobee Net Inflow through 2/25/2019. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Wet.

-0.24 for Palmer Index on 2/23/2019.

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

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 2/25/2019

Lake Okeechobee Stage: 12.81 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob Zone	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	17.25	
0 "	High sub-band	16.65	
Operational Band	Intermediate sub-band	15.79	
	Low sub-band	13.50	
Base Flow sub-ba	nd	12.60	← 12.81
Beneficial Use sub	o-band		
Water Shortage M	lanagement Band	11.88	

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: No releases to the WCAs.

Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: S-79 Up to 450 cfs & S-80 Up to 200 cfs.

Adaptive Protocol's Release Guidance: Caloosahatchee Estuary

Release Guidance Flow Chart Outcome: No releases.

Back to Lake Okeechobee Operations Main Page

Back to U.S. Army Corps of Engineers LORSS Homepage

LORS2008 Implementation on 02/25/2019 (ENSO Neutral Condition):

Status for week ending 02/25/2019:

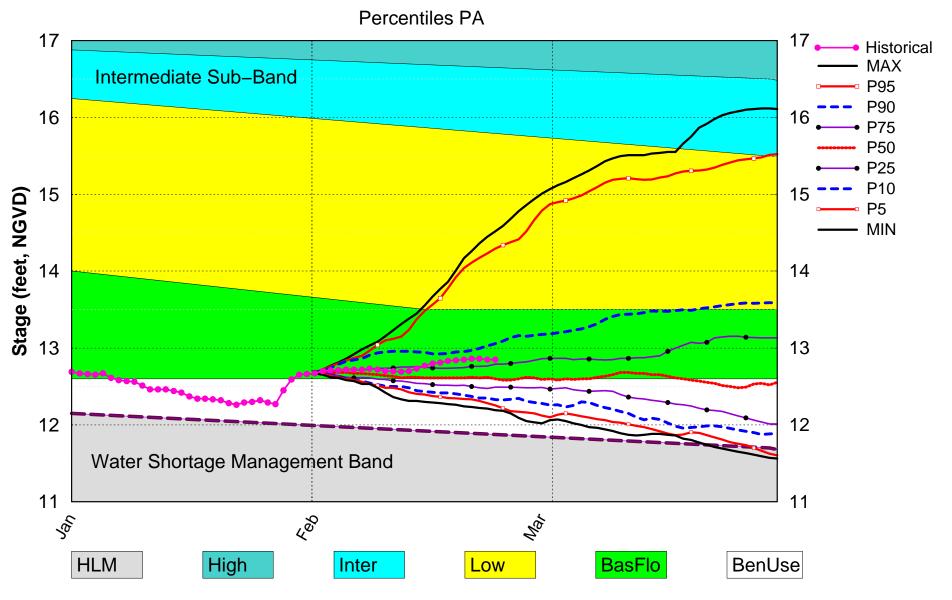
District wide, Raindar rainfall was 0.54 inches for the week. Lake stage on 02/25/2019 was 12.81 ft, NGVD, down 0.02 ft from last week .The updated February 2019 SFWMM Dynamic Position Analysis percentile graph for Lake Okeechobee show that the current lake stage is in the Base Flow Sub-band. The LORS2008 Tributary Hydrologic Condition (THC) is classified as **Wet.** The PDSI indicates normal conditions and the LONIN is wet. The THC classification is based on the wetter of the two indices

Water Supply Risk Evaluation

	Supply Nisk Evaluation		0.10.1.1
Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Base Flow Sub Band	M
	Palmer Index for LOK Tributary Conditions	-0.24 (Normal)	L
	CPC Precipitation Outlook	1 month: Above Normal	L
LOK	CFC Frecipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.47 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	3.43 ft (Wet)	L
	ENSO Forecast (positive)		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.48 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.19 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.76 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

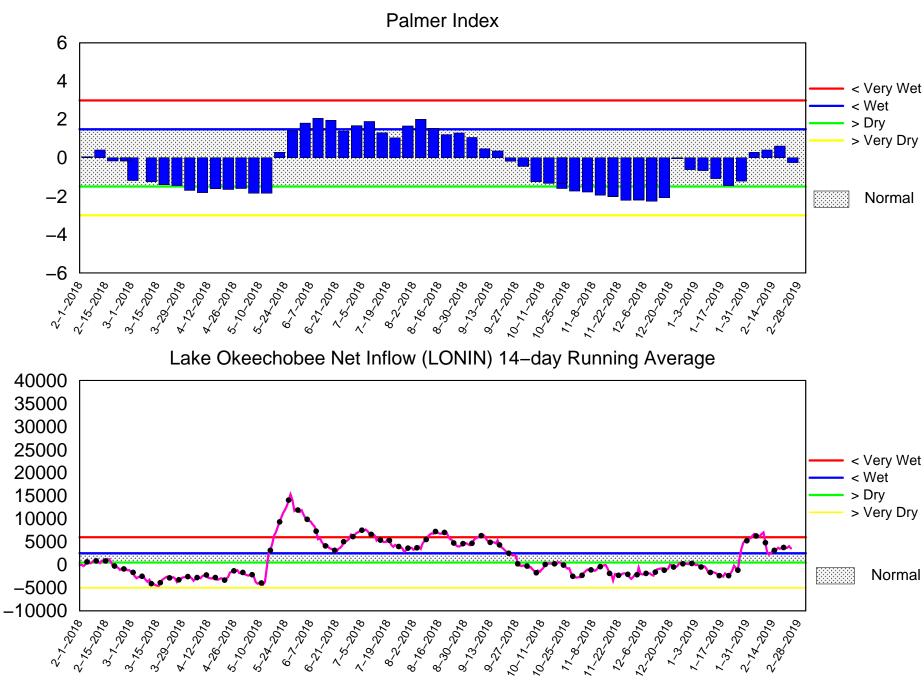
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM Feb 2019 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of February 25 2019

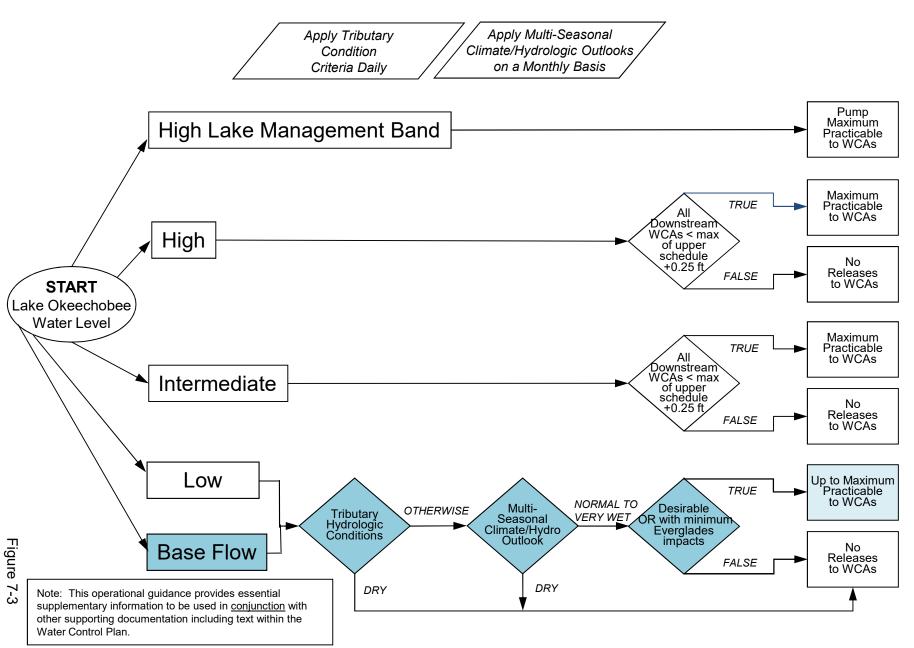


Tue Feb 26 08:30:54 EST 2019

Flow (cfs)

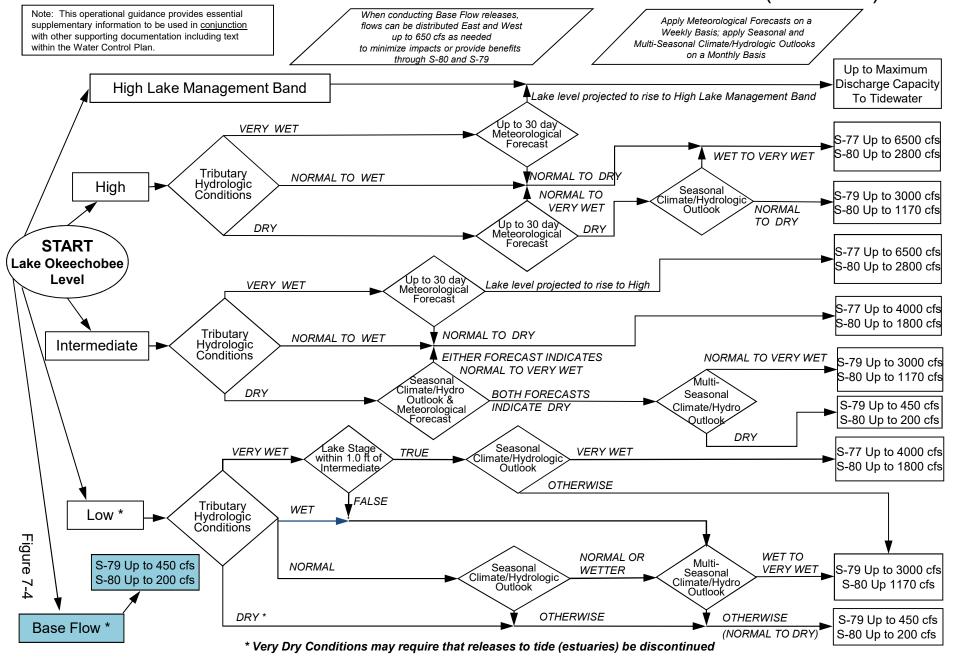
2008 LORS

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

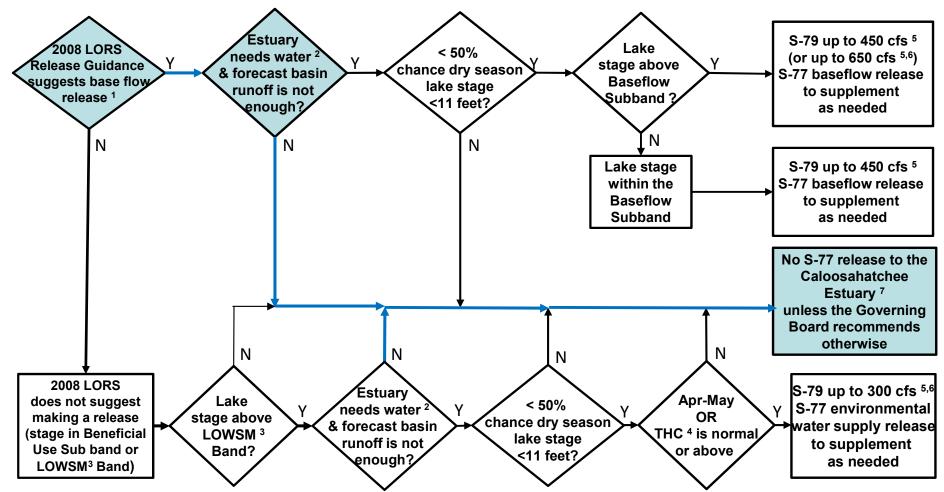


2008 LORS

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



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.

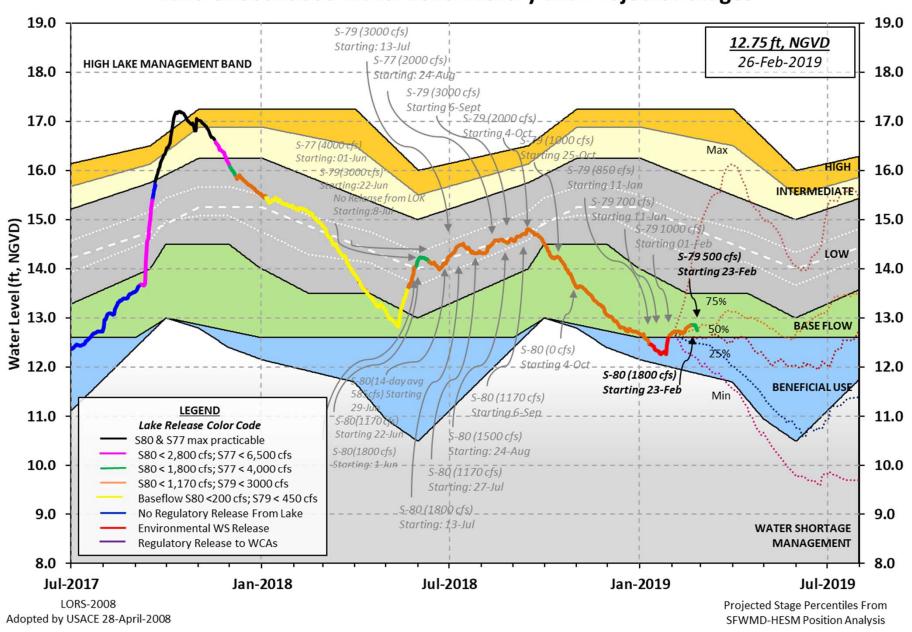
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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						
Okeechobee Lake *Okeechobee La		(ft-NGVD) (ft-N	Year 2YRS Ago GVD) (ft-NGVD .95 13.50 (Flv)
Bottom of High	n Lake Mn	gmt= 17.25 Top al Management Ba	of Water			,
Simulated Aver Difference fro		2008 [1965-2000] e LORS2008	- NR - - NR -			
24FEB (1965-20 Difference fro		od of Record Ave erage	-	4.54 .73		
Today Lake Oke	echobee (elevation is det	ermined f	rom the 4 Int	& 4 Edge	statio
++Navigation C ++Navigation C Bridge Clearar	Depth (Bas	sed on 2007 Chan sed on 2008 Chan 76'	nel Condi [.] nel Condi [.]	tion Survey) F tion Survey) F	Route 1 ÷ Route 2 ÷	6.75' 4.95'
4 Interior and 4	l Edge Ok	eechobee Lake Av	erage (Av	g-Daily values	s):	
L001 L005	L006 L2	Z40 S4 S35	2 S308	S133		
12 87 12 84	12 82 1	2 82 12 68 -N	R- 12 8	3 12 83		
12.87 12.84	12.82 12	2.82 12.68 -N	R- 12.8	3 12.83		
		2.82 12.68 -N Avg-Daily Lake				
	xeechobee	Avg-Daily Lake		= 12.81 (*See Note)		
*Combination Ok Okeechobee Inflo	xeechobee Dws (cfs) 1210	Avg-Daily Lake : S65EX1	Average :	= 12.81 (*See Note) Fisheating		
*Combination Ok Okeechobee Inflo S65E S154	xeechobee Dws (cfs) 1210 0	Avg-Daily Lake : S65EX1 S191	Average : 1447 0	= 12.81 (*See Note) Fisheating S135 Pumps	0	
*Combination Ok Okeechobee Inflo S65E S154 S84	ows (cfs) 1210 0	Avg-Daily Lake : S65EX1 S191 S133 Pumps	1447 0 0	= 12.81 (*See Note) Fisheating S135 Pumps S2 Pumps	0	
*Combination Ok Okeechobee Inflo S65E S154 S84 S84X	ows (cfs) 1210 0 0 212	Avg-Daily Lake : S65EX1 S191 S133 Pumps S127 Pumps	1447 0 0	= 12.81 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps	0 0 0	
*Combination Ok Okeechobee Inflo S65E S154 S84 S84X S71	ows (cfs) 1210 0 212	Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	1447 0 0 0	= 12.81 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0	
*Combination Ok Okeechobee Inflo S65E S154 S84 S84X S71 S72	ows (cfs) 1210 0 0 212	Avg-Daily Lake : S65EX1 S191 S133 Pumps S127 Pumps	1447 0 0	= 12.81 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps	0 0 0	
*Combination Ok Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows:	ows (cfs) 1210 0 212 0 2919 Lows (cfs	Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	1447 0 0 0 0	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0	
*Combination Ok Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outfl S135 Culverts	ows (cfs) 1210 0 212 0 2919 Lows (cfs)	Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	1447 0 0 0 0 0	= 12.81 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
*Combination Ok Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outfl S135 Culverts S127 Culverts	ows (cfs) 1210 0 212 0 2919 Lows (cfs)	Avg-Daily Lake : S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351	1447 0 0 0 0 0 713 627	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0	
*Combination Ok Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outfl S135 Culverts S127 Culverts S129 Culverts	ows (cfs) 1210 0 212 0 2919 Lows (cfs)	Avg-Daily Lake : S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352	1447 0 0 0 0 0 713 627 709	= 12.81 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
*Combination Ok Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outfl S135 Culverts S127 Culverts S129 Culverts S131 Culverts	ows (cfs) 1210 0 212 0 2919 Lows (cfs)	Avg-Daily Lake : S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351	1447 0 0 0 0 0 713 627	= 12.81 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
*Combination Ok Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outfl S135 Culverts S127 Culverts S129 Culverts	xeechobee Dws (cfs) 1210 0 212 0 2919 Lows (cfs) 0 0 0 5593	Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps S131 Pumps S354 S351 S352 L8 Canal Pt	1447 0 0 0 0 0 713 627 709 736	= 12.81 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 2056 753	

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 -7663 cfs or -15200 AC-FT

Headwater Tailwater Care Flexition Elevation Elevation Elevation Elevation Disch #1 #2 #3 #4 #5 #6 #7 #8 #8 #6 #7 #8 #8 #6 #7 #8 (ft-ms1) (ft-ms1) (cfs) (ft) (ft) (ft) (ft) (ft) (ft) (ft) (ft)												
North East Shore		Headwater	Tailwater	•			- Gat	te Pos	sitio	ns		
(I) see note at bottom		Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6	#7	#8
North East Shore S133 Pumps: 13.39		(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
S133 Pumps: 13.39 12.72 0 0 0 0 0 0 0 0 0			(I) see	note at	bott	om					
Signature	North East SI	hore										
Signature	S133 Pumps	: 13.39	12.72	0	0	0	0	0	0	(cfs	;)	
S135 Pumps: 13.27	•									•	•	
S135 Pumps: 13.27	S191:	17.60	12.75	0	0.0	0.0	0.0					
North West Shore								9		(cfs	:)	
North West Shore \$65E: 20.93	•			_			•	•		(0.5	,	
S65E: 20.93 12.62 1210 0.6 0.5 0.5 0.5 0.5 0.5 S65EX1: 20.93 12.62 1447 S127 Pumps: 13.35 12.73 0 0 0 0 0 0 (cfs) S127 Culvert: 0 0.0 S129 Pumps: 12.94 12.79 0 0 0 0 0 (cfs) S129 Culvert: 0 0.0 S131 Pumps: 13.05 12.63 0 0 0 0 (cfs) S131 Culvert: 0 0.0 Fisheating Creek nr Palmdale 29.59 49 nr Lakeport C5: -NR- 0 -NRNRNR- S0th Shore S4 Pumps: 10.41 12.74 0 0 0 0 0 (cfs) S310: 12.70 25 S3 Pumps: 10.91 12.83 0 0 0 0 (cfs) S354: 12.83 10.91 713 2.0 2.0 S2 Pumps: 10.59 -NR- 0 0 0 0 0 (cfs) S351: -NR- 10.59 627 0.7 1.4 1.2 S351: -NR- 13.04 8.0 8.0 8.0 0.0 0.0 L8 Canal PT 12.83 736 Caloosahatchee River (S77, S78, S79) S478: 12.47 12.44 7.0 7.0	0200 00210			·	• • • • • • • • • • • • • • • • • • • •							
S65E: 20.93 12.62 1210 0.6 0.5 0.5 0.5 0.5 0.5 S65EX1: 20.93 12.62 1447 S127 Pumps: 13.35 12.73 0 0 0 0 0 0 (cfs) S127 Culvert: 0 0.0 S129 Pumps: 12.94 12.79 0 0 0 0 0 (cfs) S129 Culvert: 0 0.0 S131 Pumps: 13.05 12.63 0 0 0 0 (cfs) S131 Culvert: 0 0.0 Fisheating Creek nr Palmdale 29.59 49 nr Lakeport C5: -NR- 0 -NRNRNR- S0th Shore S4 Pumps: 10.41 12.74 0 0 0 0 0 (cfs) S310: 12.70 25 S3 Pumps: 10.91 12.83 0 0 0 0 (cfs) S354: 12.83 10.91 713 2.0 2.0 S2 Pumps: 10.59 -NR- 0 0 0 0 0 (cfs) S351: -NR- 10.59 627 0.7 1.4 1.2 S352: _10.59 709 1.2 1.7 C10A: -NR- 13.04 8.0 8.0 8.0 0.0 0.0 S351: 10.59 -NR- 627 -NR-NR-NR-NR-NR-S352: 10.59 709 1.2 1.7 C10A: -NR- 13.04 8.0 8.0 8.0 0.0 0.0 Caloosahatchee River (S77, S78, S79) S478: 12.47 12.44 7.0 7.0	North West S	hore										
S65EX1: 20.93 12.62 1447 S127 Pumps: 13.35 12.73 0 0 0 0 0 0 S129 Pumps: 12.94 12.79 0 0 0 0 0 S129 Culvert:			12.62	1210	0.6	0.5	0.5	0.5	0.5	0.5		
S127 Pumps: 13.35					0.0	0.5	0.5	0.5	0.5	0.5		
S127 Culvert: 0 0.0 S129 Pumps: 12.94 12.79 0 0 0 (cfs) S129 Culvert: 0 0.0 0 (cfs) S131 Pumps: 13.05 12.63 0 0 0 (cfs) S131 Culvert: 0 0 0 (cfs) Fisheating Creek nr Palmdale nr Lakeport 29.59 49 -NR- 0 -NRNRNR- South Shore S4 Pumps: 10.41 12.74 0 0 0 0 (cfs) S310: 12.70 25 S3 Pumps: 10.91 12.83 0 0 0 0 (cfs) S354: 12.83 10.91 713 2.0 2					a	a	a	a	a	(cfs	.)	
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S354: 12.83 10.91 713 2.0 2.0 S2 Pumps: 10.59 -NR- 0 0 0 0 0 0 (cfs) S351: -NR- 10.59 627 0.7 1.4 1.2 S352: _ 10.59 709 1.2 1.7 C10A: -NR- 13.04 8.0 8.0 8.0 0.0 0.0 L8 Canal PT 12.93 736 S351: 10.59 -NR- 627 -NRNRNRNR-NR-S352: 10.59 709 -NRNRNR-NR-NR-S354: 10.91 12.83 713 -NRNR-NR-NR- Caloosahatchee River (S77, S78, S79) S47B: 12.47 12.44 7.0 7.0			42.02	_	0	_	_			/ - C -		
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S351: -NR- 10.59 627 0.7 1.4 1.2 S352: 10.59 709 1.2 1.7 C10A: -NR- 13.04 8.0 8.0 8.0 0.0 0.0 L8 Canal PT 12.93 736 S351 and S352 Temporary Pumps/S354 Spillway S351: 10.59 -NR- 627 -NRNRNRNR-NR-S352: 10.59 709 -NRNR-NR-NR-NR-S354: 10.91 12.83 713 -NRNR-NR-NR- S354: 10.91 12.83 713 -NRNR-NR-NR- S358: 12.47 12.44 7.0 7.0				_			_	_				
S352: 10.59 709 1.2 1.7 C10A:NR- 13.04 8.0 8.0 8.0 0.0 0.0 L8 Canal PT 12.93 736 S351 and S352 Temporary Pumps/S354 Spillway S351:	•			_	_	_		0		(cts	5)	
C10A:		-NR-		_			1.2					
S351 and S352 Temporary Pumps/S354 Spillway S351: 10.59 -NR- 627 -NRNRNRNRNR- S352: 10.59 709 -NRNRNR-NR- S354: 10.91 713 -NRNR-NR- Caloosahatchee River (S77, S78, S79) S47B: 12.47 12.44 7.0 7.0	S352:			709	1.2							
S351 and S352 Temporary Pumps/S354 Spillway S351: 10.59 -NR- 627 -NRNRNRNRNR- S352: 10.59 709 -NRNRNR-NR- S354: 10.91 12.83 713 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.47 12.44 7.0 7.0	C10A:	-NR-			8.0	8.6	8	.0	9.0	0.0		
S351: 10.59 -NR- 627 -NRNRNRNRNRNR- S352: 10.59 709 -NRNRNRNR- S354: 10.91 12.83 713 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.47 12.44 7.0 7.0	L8 Canal P	Τ	12.93	736								
S351: 10.59 -NR- 627 -NRNRNRNRNRNR- S352: 10.59 709 -NRNRNRNR- S354: 10.91 12.83 713 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.47 12.44 7.0 7.0												
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S352: 10.59 709 -NRNRNR- S354: 10.91 12.83 713 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.47 12.44 7.0 7.0		S35	1 and S352	Tempor	ary Pum	ips/S3	354 Sp	oillwa	ау			
S352: 10.59 709 -NRNRNR- S354: 10.91 12.83 713 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.47 12.44 7.0 7.0												
S354: 10.91 12.83 713 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.47 12.44 7.0 7.0			- NR -						-NR-			
Caloosahatchee River (S77, S78, S79) S47B: 12.47 12.44 7.0 7.0												
S47B: 12.47 12.44 7.0 7.0	S354:	10.91	12.83	713	-NRN	IR – – NF	R – – NR ·	-				
S47B: 12.47 12.44 7.0 7.0												
S47B: 12.47 12.44 7.0 7.0				c=0\								
				579)								
S47D: 12.52 10.86 0 0.0						7.0						
	S4/D:	12.52	10.86	0	0.0							

```
S77:
   Spillway and Sector Preferred Flow:
              12.45
                        10.77
                                 2052 0.0 4.0 4.0 4.0
                                    4
   Flow Due to Lockages+:
 S78:
   Spillway and Sector Flow:
                                 1769
                                        0.5 2.5 2.5 0.0
              10.66
                       3.06
   Flow Due to Lockages+:
                                   28
 S79:
   Spillway and Sector Flow:
                                 2845
                                         1.0 1.0 1.0 2.0 2.0 2.0 1.0 1.0
               3.14
                         1.22
   Flow Due to Lockages+:
                                   13
   Percent of flow from S77
                                   72%
   Chloride
                       (ppm)
                                 71
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              12.88
                        12.74
                                  753 3.5 3.5 3.5
   Flow Due to Lockages+:
                                    0
 S153:
              18.82
                        12.46
                                    0
                                        0.0 0.0
 S80:
   Spillway and Sector Flow:
              12.10
                                  771
                                         0.0 2.1 0.0 0.0 2.2 0.0 0.0
                         0.91
   Flow Due to Lockages+:
                                   13
   Percent of flow from S308
                                   98%
                              (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	Ind
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:	0.00	0.00	0.00	287	4
S78:	7.21	7.21	7.25	292	3
S79:	0.15	0.15	0.30	270	0
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:	3.24	3.24	3.24	281	11
S80:	1.41	1.47	1.53	343	1
Okeechobee Average	1.62	0.25	0.25		

(Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	-NR-	0.00	0.00

Okeechobee Lake Elevations	24 FEB 2019	12.81 Difference	from 24FEB19
24FEB19 -1 Day =	23 FEB 2019	12.85	0.04
24FEB19 -2 Days =	22 FEB 2019	12.85	0.04
24FEB19 -3 Days =	21 FEB 2019	12.86	0.05
24FEB19 -4 Days =	20 FEB 2019	12.86	0.05
24FEB19 -5 Days =	19 FEB 2019	12.85	0.04
24FEB19 -6 Days =	18 FEB 2019	12.84	0.03
24FEB19 -7 Days =	17 FEB 2019	12.83	0.02
24FEB19 -30 Days =	25 JAN 2019	12.29	-0.52
24FEB19 -1 Year =	24 FEB 2018	14.95	2.14
24FEB19 -2 Year =	24 FEB 2017	13.50	0.69

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 2.60

			Lake Okee	chobee	Net Inflo	ow (LONIN))
		Aver	age Flow ov	er the	previous	14 days	Avg-Daily Flow
24FEB19	To	day =	24 FEB	2019	3650	MON	-2074
24FEB19	-1 D	ay =	23 FEB	2019	4156	SUN	4602
24FEB19	-2 D	ays =	22 FEB	2019	3786	SAT	1813
24FEB19	-3 D	ays =	21 FEB	2019	3740	FRI	2864
24FEB19	-4 D	ays =	20 FEB	2019	3843	THU	4448
24FEB19	-5 D	ays =	19 FEB	2019	3602	WED	3710
24FEB19	-6 D	ays =	18 FEE	2019	3419	TUE	4417
24FEB19	-7 D	ays =	17 FEB	2019	3267	MON	5926
24FEB19	-8 D	ays =	16 FEE	2019	2833	SUN	4868
24FEB19	-9 D	ays =	15 FEB	2019	2642	SAT	8437
24FEB19	-10 D	ays =	14 FEB	2019	2482	FRI	-NR-
24FEB19	-11 D	ays =	13 FEB	2019	2490	THU	-NR-
24FEB19	-12 D	ays =	12 FEB	2019	2491	WED	3507
24FEB19	-13 D	ays =	11 FEB	2019	3089	TUE	1285
		-					

					Se	55E			
				Average	Flov	v over	previous	14 days	Avg-Daily Flow
24FEB19		Today	y =	24	FEB	2019	1877	MON	1392
24FEB19	-1	Day	=	23	FEB	2019	1856	SUN	1373
24FEB19	-2	Days	=	22	FEB	2019	1837	SAT	1384
24FEB19	-3	Days	=	21	FEB	2019	1817	FRI	1854
24FEB19	-4	Days	=	20	FEB	2019	1786	THU	2286
24FEB19	-5	Days	=	19	FEB	2019	1741	WED	2245
24FEB19	-6	Days	=	18	FEB	2019	1694	TUE	2220
24FEB19	-7	Days	=	17	FEB	2019	1642	MON	2225
24FEB19	-8	Days	=	16	FEB	2019	1591	SUN	2246
24FEB19	-9	Days	=	15	FEB	2019	1537	SAT	2281
24FEB19	-10	Days	=	14	FEB	2019	1471	FRI	2295
24FEB19	-11	Days	=	13	FEB	2019	1402	THU	2035
24FEB19	-12	Days	=	12	FEB	2019	1350	WED	1353
24FEB19	-13	Days	=	11	FEB	2019	1338	TUE	1095

			S65EX1			
		Average	Flow over	previous	14 days	Avg-Daily Flow
24FEB19	Today=	24	FEB 2019	1094	MON	1447
24FEB19	-1 Day =	23	FEB 2019	1048	SUN	1525
24FEB19	-2 Days =	22	FEB 2019	971	SAT	1663

24FEB19	-3	Days	=	21	FEB	2019	890	FRI	1	L455
24FEB19	-4	Days	=	20	FEB	2019	798	THU	1	L031
24FEB19	-5	Days	=	19	FEB	2019	725	WED	1	178
24FEB19	-6	Days	=	18	FEB	2019	641	TUE	1	117
24FEB19	-7	Days	=	17	FEB	2019	561	MON	1	1320
24FEB19	-8	Days	=	16	FEB	2019	466	SUN		907
24FEB19	-9	Days	=	15	FEB	2019	402	SAT		791
24FEB19	-10	Days	=	14	FEB	2019	345	FRI		431
24FEB19	-11	Days	=	13	FEB	2019	314	THU		593
24FEB19	-12	Days	=	12	FEB	2019	272	WED	1	L025
24FEB19	-13	Days	=	11	FEB	2019	199	TUE		838
		-								

Lake Okeechobee Outlets Last 14 Days

Disc (ALI DATE (AC 24 FEB 2019 2 23 FEB 2019 2 22 FEB 2019 2 21 FEB 2019 2 20 FEB 2019 1 19 FEB 2019 1 18 FEB 2019 1 17 FEB 2019 2 16 FEB 2019 2	charge Disc DAY) (ALL C-FT) (AC 4076 4 3537 3 1535 1 8 793 1334 1 856 1387 1 2642 2	harge Disc -DAY) (ALL	harge Disc DAY) (ALL -FT) (AC 3560 3251 1378 107 560 1182 1384 1757 2574 3245 2207	-79 harge DAY) -FT) 5671 4795 3041 761 1214 1700 2602 3939 4297 3973 5380 4302	
	1227	889		1980	
		.532		1944	
					Canal Pt
					charge
	, ,				L DAY)
24 FEB 2019	, ,	, ,	, ,		C-FT) 1459
23 FEB 2019				029	973
22 FEB 2019					1528
21 FEB 2019					1623
20 FEB 2019				950	940
19 FEB 2019	19		IR-		1381
18 FEB 2019	17				2184
17 FEB 2019	31				1834
	-126				1818
15 FEB 2019					1071
	-220		IR-	52	-NR-
	-249		IR-	59	-NR-
12 FEB 2019	-43			686	222
11 FEB 2019					1125
11 125 2015	, 0			320	
S-	-308 Belo	w S-308	S-80		
			scharge		
			LL-DAY)		
•			AC-FT)		
	1523	2242	1566		
23 FEB 2019	709	1066	764		
22 FEB 2019	148	103	58		
21 FEB 2019	178	311	44		
20 FEB 2019	283	337	24		
19 FEB 2019	-30	-97	38		

18	FEB	2019	0	-138	49
17	FEB	2019	227	-43	42
16	FEB	2019	326	143	48
15	FEB	2019	328	283	48
14	FEB	2019	-0	-38	34
13	FEB	2019	-53	-182	7
12	FEB	2019	0	-83	45
11	FEB	2019	344	510	37

*** 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

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.

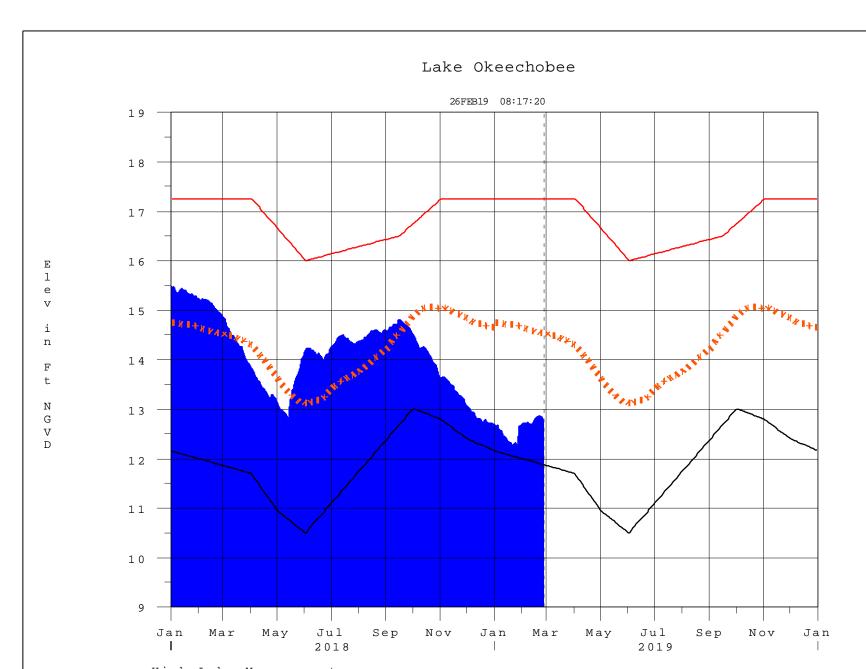
On 05 November 2010, Lake Okeechobee Elevation was switched to a 9 gage mix of interior and edge gages to obtain a more reliable representation of the lake level.

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 25FEB2019 @ 13:39 ** 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

^{*} 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