Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 12/03/2018 (ENSO La Nina 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		oley's ethod ^{1*}	En	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 (Dec- May)	N/A	N/A N/A		Dry	1.16	Normal	-0.37	Dry	
Multi Seasonal (Dec- Oct)	N/A	N/A	3.06	Wet	4.03	Wet	2.13	Normal	

^{*}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:

- **-2124 cfs** 14-day running average for Lake Okeechobee Net Inflow through 12/03/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-2.19** for Palmer Index on 12/01/2018. 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 12/03/2018

Lake Okeechobee Stage: 13.03 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	
	High sub-band	16.88	
Operational Band	Intermediate sub-band	16.25	
	Low sub-band	14.47	
Base Flow sub-ba	nd	12.73	← 13.03
Beneficial Use sub	o-band	12.38	
Water Shortage M	lanagement Band		

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 12/03/2018 (ENSO Neutral Condition):

Status for week ending 12/03/2018:

District wide, Raindar rainfall was 0.14 inches for the week. Lake stage 13.03 ft, down 0.21 ft from last week.

The updated Nov 2018 Mid Month SFWMM Dynamic Position Analysis Lake Okeechobee show that the current lake stage is in the Base Flow The LORS2008 tributary indices are classified as **Dry**. The PDSI indicates the LONIN is dry. The classification is based on the wetter of the two.

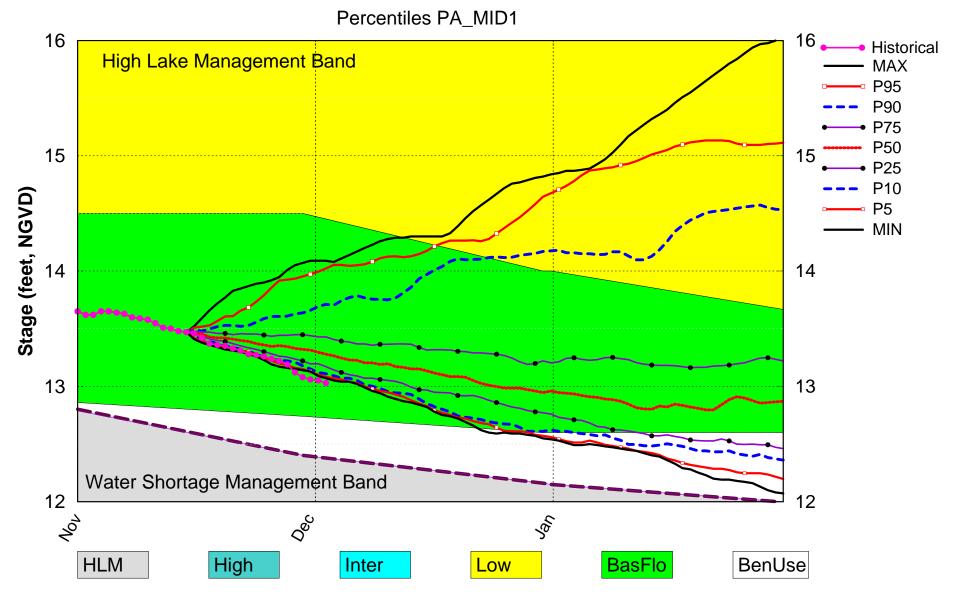
Water Supply Risk Evaluation

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	-2.19 (Extremely Dry)	Н
	CPC Procinitation Outlook	1 month: Above Normal	L
LOK	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.16 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	4.03 ft (Wet)	L
	ENSO Forecast (positive)		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Line 1- Line 2 (16.31 ft)	M
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.55 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.63 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.

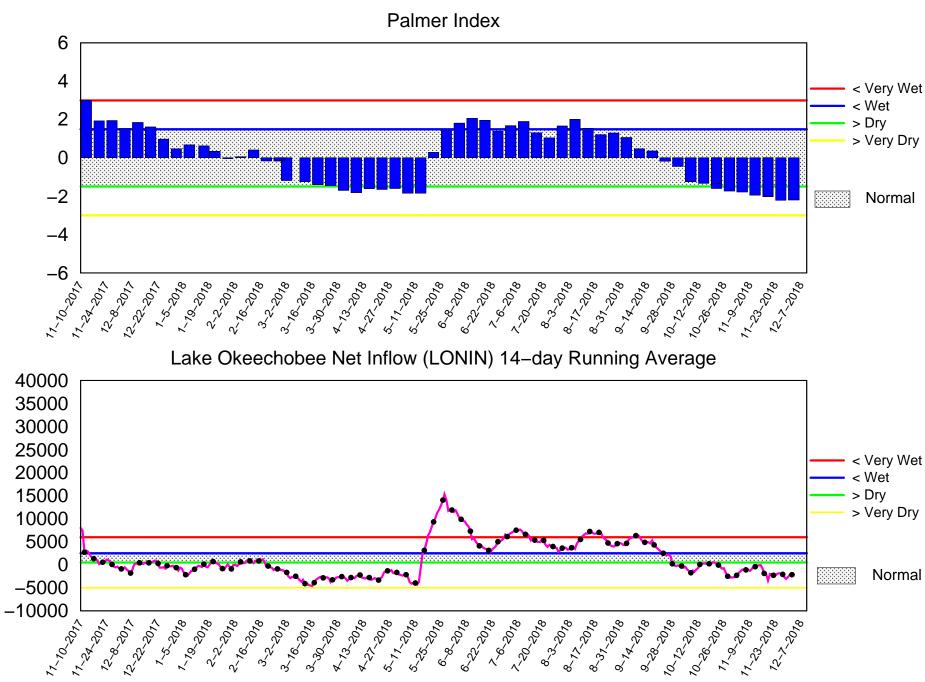
Back to Lake Okeechobee Operations Main Page
Back to U.S. Army Corps of Engineers LORSS Homepage

Lake Okeechobee SFWMM Nov 2018 Mid-Month Position Analysis



(See assumptions on the Position Analysis Results website)

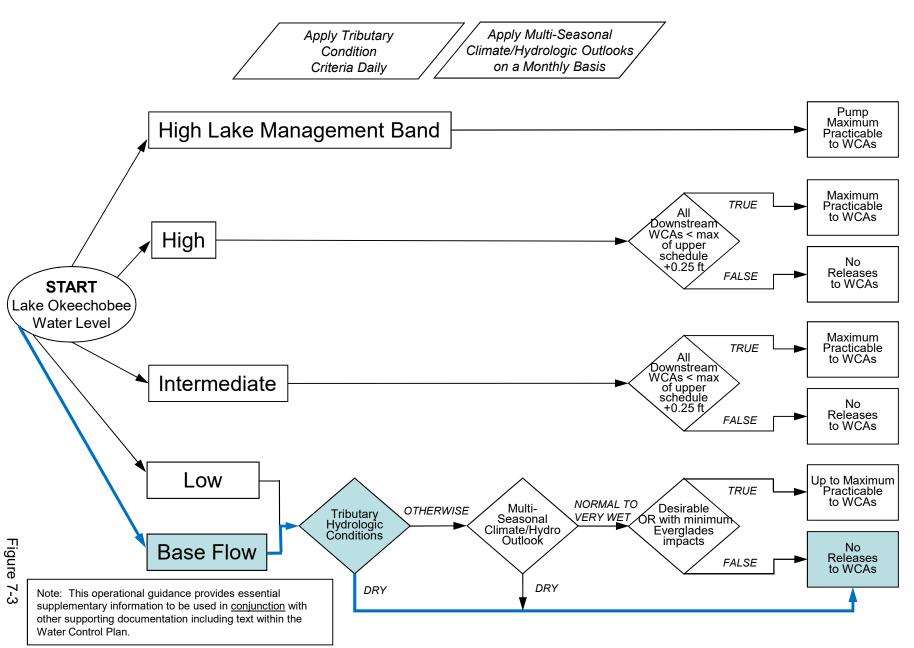
Tributary Basin Condition Indicators as of December 03 2018



Mon Dec 03 15:20:02 EST 2018

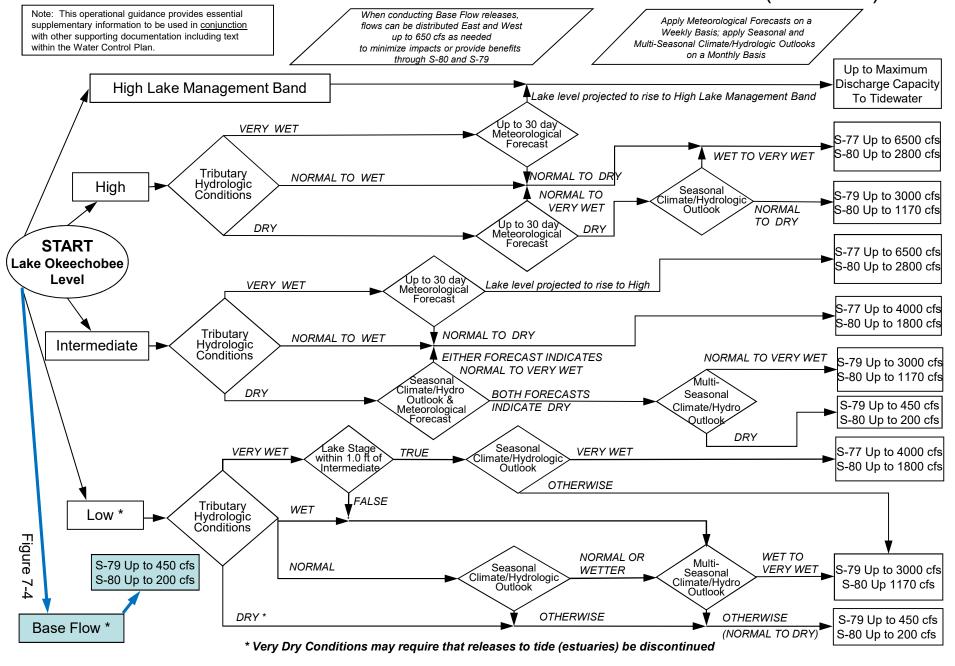
2008 LORS

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

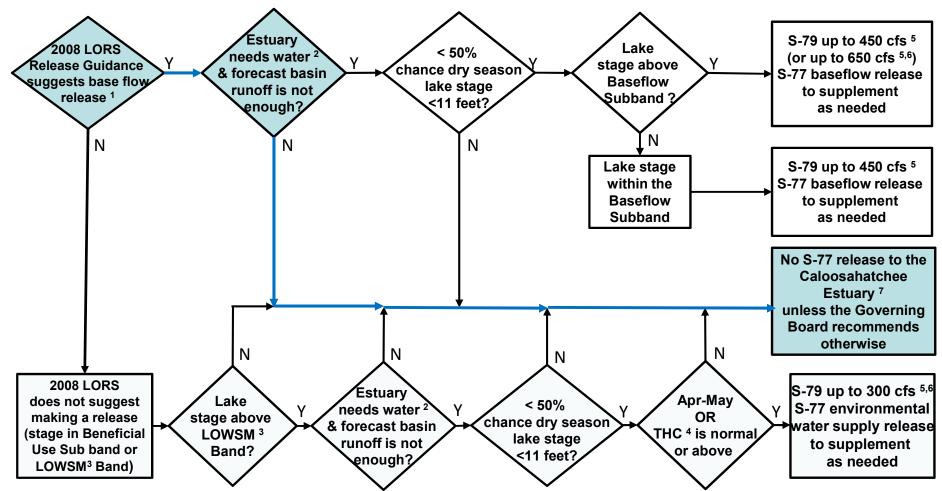


2008 LORS

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.

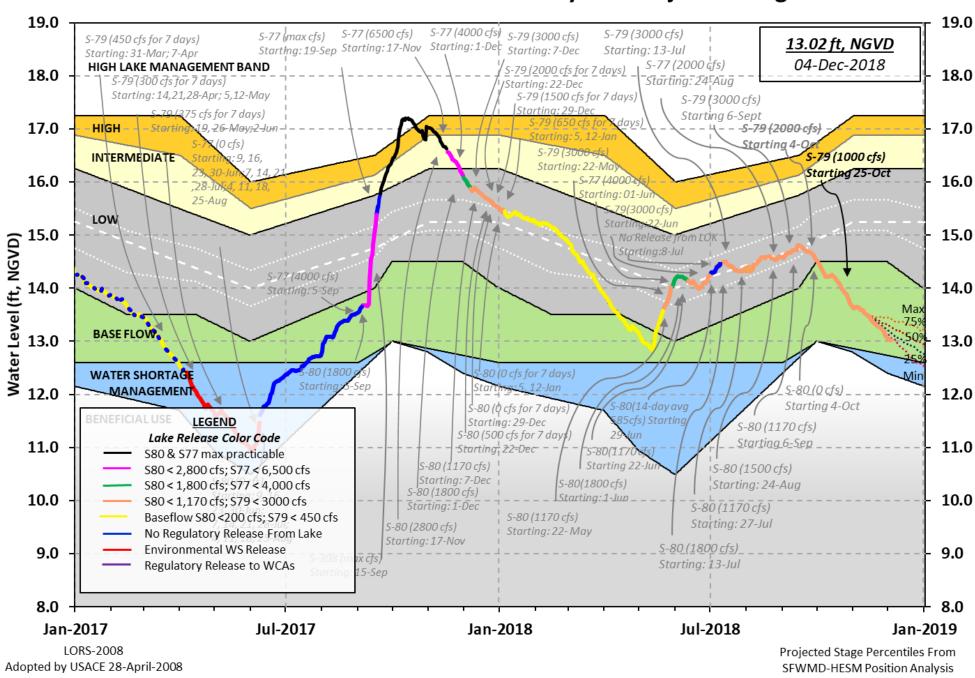
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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



Okaachahaa Laka P	ogulati	on Elovation	n lact	Year 2YRS Ago	`	
)keechobee Lake R	egutati			GVD) (ft-NGVD		
*Okeechobee Lak	e Eleva		•		, Official El	v)
Bottom of High	Lake Mn	gmt= 17.25 Top o	of Water			•
Currently in Op	eration	al Management Bar	nd			
Simulated Avera Difference from		2008 [1965-2000] e LORS2008	13.75 -0.72			
02DEC (1965-200 Difference from		od of Record Aver erage	•	4.81 .78		
Today Lake Okee	chobee	elevation is dete	ermined f	rom the 4 Int	& 4 Edge st	atio
	pth (Ba	sed on 2007 Chanr sed on 2008 Chanr 54'				5.97' 5.17'
1 Interior and 4	Edge Ok	eechobee Lake Ave	erage (Av	g-Daily values	s):	
					•	
L001 L005 L			2 S308	S133		
13.04 13.08 1	3.03 1	2.97 13.00 13.1	13 13.0°	1 13.01		
				1 13.01		
			13.0	1 13.01		
*Combination Oke	echobee	Avg-Daily Lake				
*Combination Oke	echobee	Avg-Daily Lake				
*Combination Oke	echobee	Avg-Daily Lake		= 13.03		
				= 13.03		
				= 13.03	Cr 2	
keechobee Inflow	s (cfs)	:	Average	= 13.03 (*See Note)	Cr 2	
keechobee Inflow S65E	s (cfs)	: S65EX1	Average	= 13.03 (*See Note) Fisheating		
keechobee Inflow S65E S154	s (cfs) 0	: S65EX1 S191 S133 Pumps S127 Pumps	Average 329	= 13.03 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps	0	
Okeechobee Inflow S65E S154 S84	s (cfs) 0 0	: S65EX1 S191 S133 Pumps	Average : 329	= 13.03 (*See Note) Fisheating S135 Pumps S2 Pumps	0 0	
keechobee Inflow S65E S154 S84 S84X S71	s (cfs) 0 0 0	: S65EX1 S191 S133 Pumps S127 Pumps	329 0 0	= 13.03 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps	0 0 0	
Okeechobee Inflow S65E S154 S84 S84X S71 S72	s (cfs) 0 0 0 0	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	329 0 0 0	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0	
Okeechobee Inflow S65E S154 S84 S84X S71	s (cfs) 0 0 0 0 0 0 330	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	329 0 0 0	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0	
Okeechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows:	s (cfs) 0 0 0 0 0 0 330	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	329 0 0 0	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0	
keechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: keechobee Outflo S135 Culverts S127 Culverts	s (cfs) 0 0 0 0 0 0 330 ws (cfs	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	329 0 0 0 0	= 13.03 (*See Note) 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) 0 0 0 0 0 330 ws (cfs 0 -1 0	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352	329 0 0 0 0	= 13.03 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 1556	
keechobee Inflow S65E S154 S84 S84X S71 S72 otal Inflows: keechobee Outflo S135 Culverts S127 Culverts	s (cfs) 0 0 0 0 0 330 ws (cfs 0 -1	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	329 0 0 0 0 0	= 13.03 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 1556	
Okeechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts	s (cfs) 0 0 0 0 0 330 ws (cfs 0 -1 0	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352	329 0 0 0 0 0 230 989 511	= 13.03 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 1556	
Okeechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows:	s (cfs) 0 0 0 0 330 ws (cfs 0 -1 0 1 3481	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352 L8 Canal Pt	329 0 0 0 0 230 989 511 195	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 1556	
Okeechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts	s (cfs) 0 0 0 0 330 ws (cfs 0 -1 0 1 3481 flow i	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352 L8 Canal Pt	329 0 0 0 0 0 230 989 511 195	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 1556 0	
Okeechobee Inflow S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: Otal Outflows: Otal Outflows:	s (cfs) 0 0 0 0 0 330 ws (cfs 0 -1 0 1 3481 flow i e flow	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352 L8 Canal Pt s being used to dis being used to	329 0 0 0 0 0 230 989 511 195	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 1556 0	
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 T***S308 structure Okeechobee Pan Ev	s (cfs) 0 0 0 0 0 330 ws (cfs 0 -1 0 1 3481 flow i e flow	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352 L8 Canal Pt s being used to dis being used to	329 0 0 0 0 0 230 989 511 195	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 1556 0	

Lake Average Precipitation using NEXRAD: = 0.00" = 0.00'

Evaporation - Precipitation: = 0.07" = 0.01' Evaporation - Precipitation using Lake Area of 730 square miles is equal to 1399 cfs out of the lake. Lake Okeechobee (Change in Storage) Flow is -4235 cfs or -8400 AC-FT

		Tailwater Elevation	Disch		#2	#3	#4	#5	#6	#7	#8
		(ft-msl)		(ft)		_		_	_		
	(1031)	,		note at			()	()	()	()	(
orth East Sh	nore	(-	., 500 .								
S133 Pumps		12.97	0	0	0	0	0	0	(cfs)	
S193:			•	·	•	·			(0.5	,	
S191:	17.24	12.97	0	0.0	0.0	0.0					
S135 Pumps		12.95	0	0	0	0	0		(cfs)	
S135 Culve			0	0.0			ŭ		(0.0	,	
lorth West Sh	nore										
S65E:	20.84	12.83	0	0.0	0.0	0.0	0.0	0.0	0.0		
S65EX1:	20.84	12.83	329								
S127 Pumps	12.98	12.98	0	0	0	0	0	0	(cfs)	
S127 Culve	rt:		-1	1.0							
S129 Pumps	: 13.10	13.05	0	0	0	0			(cfs)	
S129 Culve		- ·	0	0.0	-	,			,	,	
S131 Pumps		13.06	0	0	0				(cfs)	
S131 Culve	rt:		1								
Fisheating	Creek										
nr Palmda		28.09	2								
nr Lakepo	ort										
C5:		-NR-	0	-NR	RNR	NF	₹-				
outh Shore											
S4 Pumps:	11.32	13.03	0	0	0	0			(cfs	`	
S169:	13.04	11.31	0		0.0	0.0			(613	,	
S310:	12.94	11.31	31	0.0	0.0	0.0					
S3 Pumps:	11.14	13.02	0	0	0	0			(cfs	١	
S354:	13.02	11.14	230	0.8		U			(613	,	
S2 Pumps:	11.18	-NR-	230	0.8	0.8	0	0		(cfs	`	
S351:	-NR-	11.18	989	0.6		0.6	U		(613	,	
S351:	13.10	11.10	511	1.1		0.0					
C10A:	-NR-	13.09	711	8.0	8.0	ρ	.0 (0.0	0.0		
L8 Canal P		12.94	195	8.0	0.0	0	. 0	0.0	0.0		
Lo Callai F		12.94	193								
	S35:	1 and S352	Tempora	ary Pum	ips/S3	54 S _I	oillwa	ay			
S351:	11.18	-NR -	989	-NRN	IR – – NR	NR	NR - ·	-NR-			
S352:	11.20	13.10	511	-NRN							
	11.14	13.02	230		IR – – NR						

0.0 0.0

 S47B:
 14.04
 11.26
 0.0

 S47D:
 11.32
 11.33
 -21
 6.6

```
S77:
   Spillway and Sector Preferred Flow:
              12.95
                       11.20
                                1554 3.0 3.0 3.0 0.0
                                   2
   Flow Due to Lockages+:
 S78:
   Spillway and Sector Flow:
                       2.98
                                 1036
                                        1.0 2.5 0.0 0.0
              11.12
   Flow Due to Lockages+:
                                   8
   Spillway and Sector Flow:
                        2.45
                                 1333
                                        0.5 1.0 1.0 1.0 1.0 1.0 1.0 0.0
               3.12
   Flow Due to Lockages+:
                                   3
   Percent of flow from S77
                                 117%
   Chloride
                       (ppm)
                                 55
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              12.99
                        12.96
                                   0 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                    0
 S153:
              18.69
                        12.74
                                   0
                                        0.0 0.0
 S80:
   Spillway and Sector Flow:
              13.00
                        0.39
                                    0
                                        0.0 0.0 0.0 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                   26
   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:	0.00	0.00	0.58	153	4
S78:	0.00	0.00	3.13	177	4
S79:	0.00	0.00	3.24	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:	0.00	0.00	0.01	169	5
S80:	0.00	0.00	2.02	232	1
Okeechobee Average	0.00	0.00	0.05		

(Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	0.00	0.03	0.12

Okeechobee Lake Elevations	02 DEC 2018	13.03 Differer	nce from 02DEC18
02DEC18 -1 Day =	01 DEC 2018	13.05	0.02
02DEC18 -2 Days =	30 NOV 2018	13.06	0.03
02DEC18 -3 Days =	29 NOV 2018	13.08	0.05
02DEC18 -4 Days =	28 NOV 2018	13.12	0.09
02DEC18 -5 Days =	27 NOV 2018	13.19	0.16
02DEC18 -6 Days =	26 NOV 2018	13.22	0.19
02DEC18 -7 Days =	25 NOV 2018	13.24	0.21
02DEC18 -30 Days =	02 NOV 2018	13.62	0.59
02DEC18 -1 Year =	02 DEC 2017	16.01	2.98
02DEC18 -2 Year =	02 DEC 2016	14.72	1.69

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 2.35

			Lake 0	keecho	bee	Net Inflo	w (LONIN)		
		Aver	age Flow	over	the	previous	14 days	Avg-Daily	Flow
02DEC18	Toda	ay =	02 I	DEC 20	18	-2124	MON	-756	
02DEC18	-1 Da	y =	01 I	DEC 20	18	-2003	SUN	1577	
02DEC18	-2 Da	ys =	30 I	NOV 20	18	-2616	SAT	-1032	
02DEC18	-3 Day	ys =	29	NOV 26	18	-3018	FRI	-5385	
02DEC18	-4 Da	ys =	28 1	NOV 26	18	-2705	THU	-11377	
02DEC18	-5 Da	ys =	27	NOV 26	18	-1900	WED	-3189	
02DEC18	-6 Day	ys =	26 I	NOV 26	18	-1805	TUE	-1614	
02DEC18	-7 Da	ys =	25 I	NOV 26	18	-1648	MON	-996	
02DEC18	-8 Da	ys =	24 1	NOV 26	18	-1918	SUN	1576	
02DEC18	-9 Da	ys =	23	NOV 20	18	-2221	SAT	348	
02DEC18	-10 Da	ys =	22	NOV 20	18	-2215	FRI	-2918	
02DEC18	-11 Da	ys =	21	NOV 20	18	-2003	THU	-4544	
02DEC18	-12 Da	ys =	20 1	NOV 20	18	-1956	WED	-2150	
02DEC18	-13 Da	ys =	19	NOV 20	18	-1798	TUE	726	

					Sé	55E			
				Average	Flov	v over	previous	14 days	Avg-Daily Flow
02DEC18		Today	/=	02	DEC	2018	8	MON	0
02DEC18	-1	Day	=	01	DEC	2018	8	SUN	0
02DEC18	-2	Days	=	30	NOV	2018	8	SAT	0
02DEC18	-3	Days	=	29	NOV	2018	8	FRI	0
02DEC18	-4	Days	=	28	NOV	2018	8	THU	0
02DEC18	-5	Days	=	27	NOV	2018	8	WED	0
02DEC18	-6	Days	=	26	NOV	2018	8	TUE	0
02DEC18	-7	Days	=	25	NOV	2018	8	MON	0
02DEC18	-8	Days	=	24	NOV	2018	8	SUN	0
02DEC18	-9	Days	=	23	NOV	2018	8	SAT	0
02DEC18	-10	Days	=	22	NOV	2018	8	FRI	0
02DEC18	-11	Days	=	21	NOV	2018	8	THU	0
02DEC18	-12	Days	=	20	NOV	2018	8	WED	0
02DEC18	-13	Days	=	19	NOV	2018	8	TUE	118

			S65	5EX1				
		Average	Flow	over	previous	14 days		Avg-Daily Flow
02DEC18	Today=	02	DEC 2	2018	308	MON		329
02DEC18	-1 Day =	01	DEC 2	2018	306	SUN		291
02DEC18	-2 Days =	30	NOV 2	2018	307	SAT	ĺ	264

02DEC18	-3	Days	=	29	NOV	2018	311	FRI	174
02DEC18	-4	Days	=	28	NOV	2018	324	THU	352
02DEC18	-5	Days	=	27	NOV	2018	324	WED	349
02DEC18	-6	Days	=	26	NOV	2018	321	TUE	352
02DEC18	-7	Days	=	25	NOV	2018	316	MON	330
02DEC18	-8	Days	=	24	NOV	2018	320	SUN	320
02DEC18	-9	Days	=	23	NOV	2018	326	SAT	321
02DEC18	-10	Days	=	22	NOV	2018	328	FRI	323
02DEC18	-11	Days	=	21	NOV	2018	324	THU	322
02DEC18	-12	Days	=	20	NOV	2018	330	WED	319
02DEC18	-13	Days	=	19	NOV	2018	335	TUE	273

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)	
02 DEC 2018		` 2738 [´]	` 2071	2656	
01 DEC 2018		2436	2041	2932	
30 NOV 2018		1375	1458	2212	
29 NOV 2018		1347	436	227	
28 NOV 2018		1725	1466	1068	
27 NOV 2018		1686	1484	1534	
26 NOV 2018		1568	1517	1896	
25 NOV 2018		2752	1979	3281	
24 NOV 2018		3409	2964	3336	
23 NOV 2018		1816	1468	2968	
22 NOV 2018		72	255	233	
21 NOV 2018					
		604	619	1139	
20 NOV 2018		1245	874	1632	
19 NOV 2018	2209	1962	1499	2080	
	C 310	C 251	C 252	C 254	10 Canal D+
	S-310	S-351	S-352	S-354	L8 Canal Pt
	Discharge	Discharge	Discharge	Discharge	Discharge
	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
02 DEC 2018		1962	910	375	386
01 DEC 2018		2086	910	660	372
30 NOV 2018		2451	855	690	377
29 NOV 2018		1869	982	781	393
28 NOV 2018	184	2257	928	702	420
27 NOV 2018	92	1995	1110	468	478
26 NOV 2018	90	1686	888	403	366
25 NOV 2018	48	1729	894	313	378
24 NOV 2018	62	1803	914	470	401
23 NOV 2018	22	1595	789	113	319
22 NOV 2018	11	867	498	319	372
21 NOV 2018	50	1130	890	351	437
20 NOV 2018		1158	930	135	431
19 NOV 2018		1455	962	422	391
	S-308	Below S-30	8 S-80		
	Discharge	Discharge	Discharg	e	
	(ALL DAY)	(ALL-DAY)	(ALL-DAY		
DATE	(AC-FT)	(AC-FT)	(AC-FT)	,	
02 DEC 2018		-153	52		
01 DEC 2018		-3	34		
30 NOV 2018		279	37		
29 NOV 2018		172	30		
28 NOV 2018		172	17		
27 NOV 2018	39	135	45		

26	NOV	2018	-0	-207	55
25	NOV	2018	-1	-152	51
24	NOV	2018	-2	-258	48
23	NOV	2018	-1	72	21
22	NOV	2018	0	19	14
21	NOV	2018	-3	-30	40
20	NOV	2018	-4	-203	40
19	NOV	2018	-3	-18	49

*** 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.

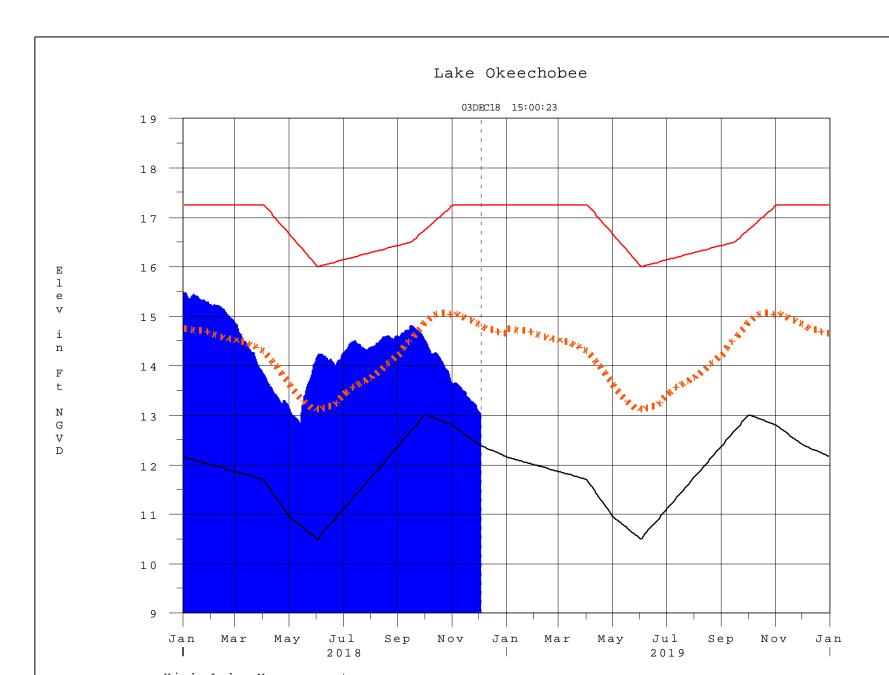
On 05 November 2010, Lake Okeechobee Elevation was switched to a 9 gage mix of interior and edge gages to obtain a more reliable representation of the lake level.

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 03DEC2018 @ 11:15 ** 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 Net Inflow	
[million acre-feet]	[feet]		
		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