Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 12/25/2017 (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*}	Em	FWMD npirical ethod ²	Neutr	Sub-sampling of Neutral ENSO Years ^{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	0.02	Dry	-0.23	Dry	-0.38	Dry	
Multi Seasonal (Dec- Oct)	N/A	N/A	2.57	Wet	2.46	Normal	2.12	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:

-530 cfs 14-day running average for Lake Okeechobee Net Inflow through 12/24/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

0.97 for Palmer Index on 12/23/2017.

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

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 12/25/2017

Lake Okeechobee Stage: 15.59 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

	ee Management	Bottom Elevation	Current
Zone	Band	(feet, NGVD)	Lake Stage
High Lake Manage	ement Band	17.25	
	High sub-band	16.88	
Operational Band	Intermediate sub-band	16.25	
	Low sub-band	14.11	← 15.59
Base Flow sub-ba	nd	12.63	
Beneficial Use sub	o-band	12.21	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to maximum practicable releases to the WCAs if desirable or with minimum everglades impacts, otherwise no releases.

Part D of LORS2008: Discharge to Tidewater

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

Technical Input Summaries from:

- Lake Okeechobee Division
- Coastal Ecosystems
- Everglades Ecosystems Division
- Water Supply Department
- Water Resource Management Release Recommendation
- Kissimmee Watershed Environmental Conditions
- Environmental Conditions for Systems Operations

Back to Lake Okeechobee Operations Main Page

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LORS2008 Implementation on 12/25/2017 (ENSO Neutral Condition):

Status for week ending 12/25/2017:

District wide, Raindar rainfall was 0.01 inches for the week. Lake stage on 12/25/2017 was 15.62 ft, down 0.11 ft from last week.

The updated December 2017 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Low Operational Sub-Band. The 2008 LORS Tributary Hydrologic Condition (THC) tributary is classified as **Normal**. The PDSI indicates Normal condition and the LONIN is Dry. The THC classification is based on the wetter of the two indices .

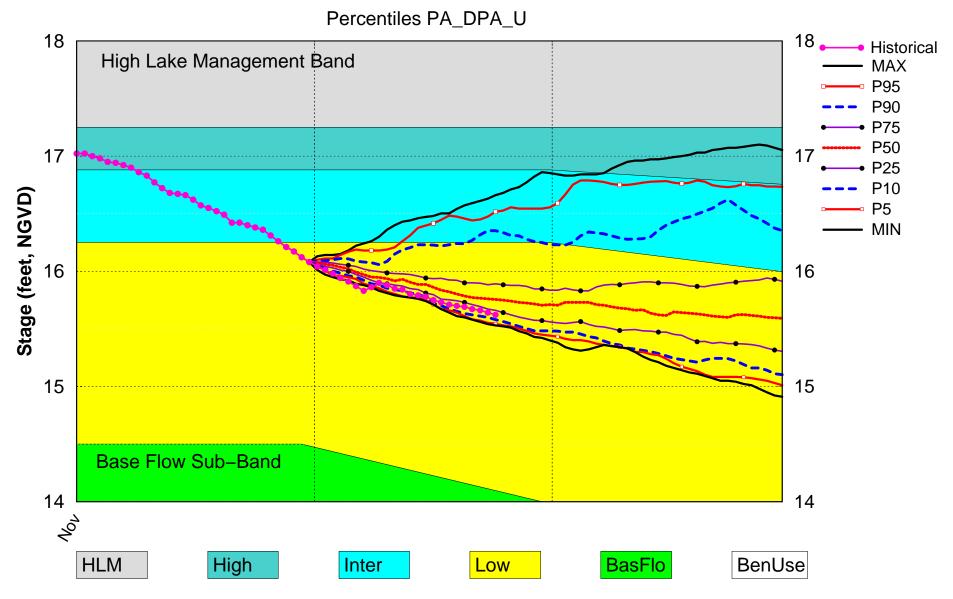
Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Low Sub Band	M
	Palmer Index for LOK Tributary Conditions	0.97 (Normal)	L
	CDC Procinitation Outlook	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Below Normal	M
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	-0.23 ft (Extremely Dry)	Н
	LOK Multi-Seasonal Net Inflow Outlook	2.46 ft (Normal)	M
	ENSO La Nina Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (17.25 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.72 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.72 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.

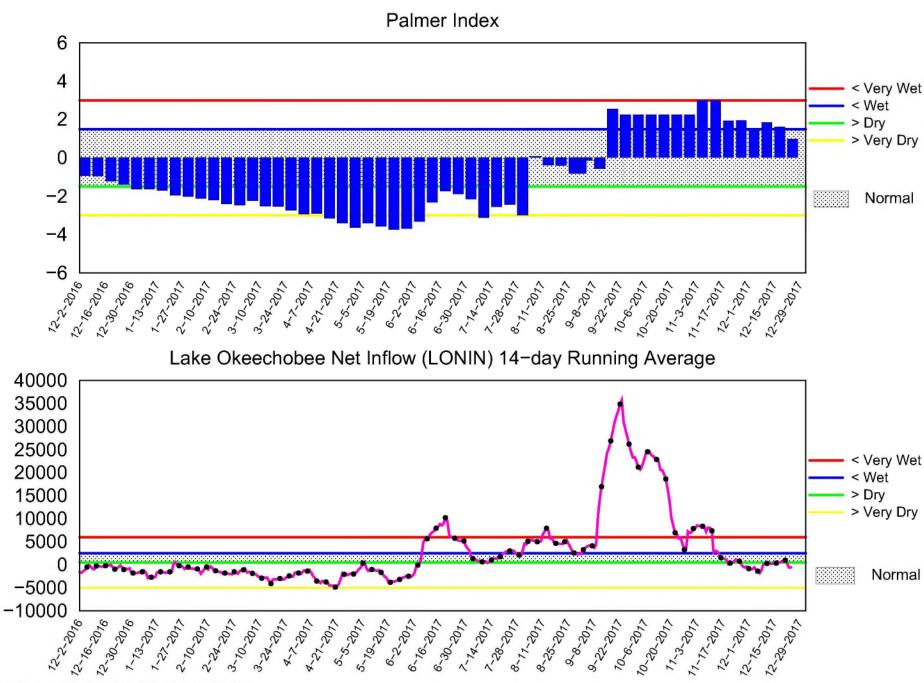
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Lake Okeechobee SFWMM December 2017 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of December 25 2017

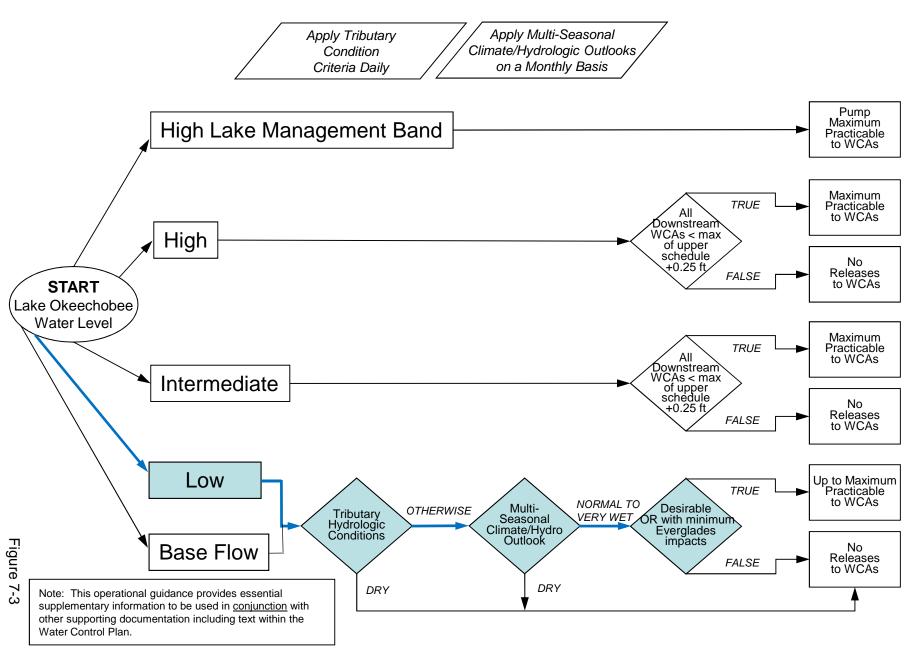


Tue Dec 26 12:06:20 EST 2017

-low (cfs)

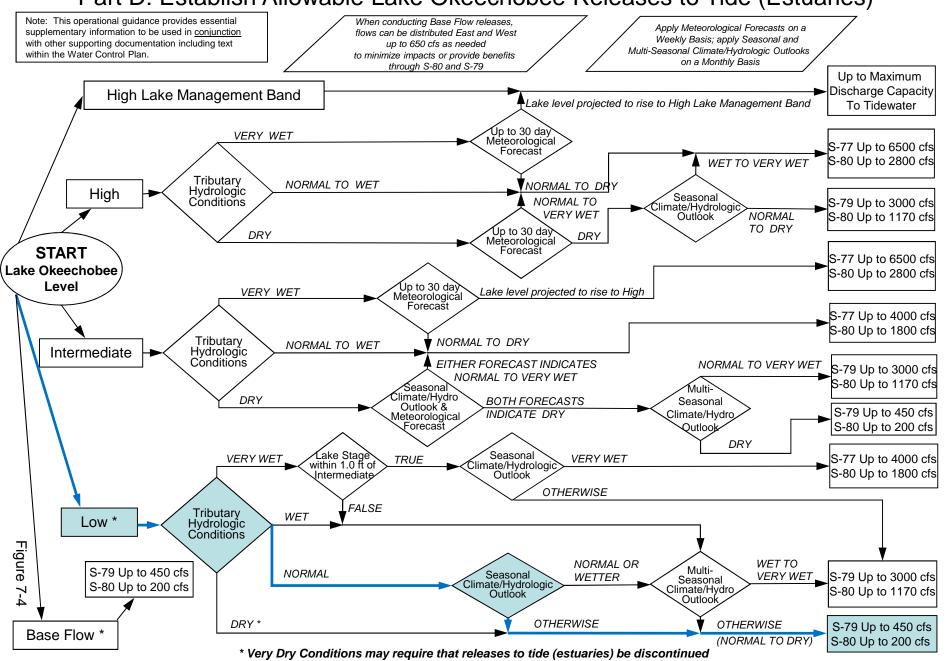
2008 LORS

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



2008 LORS

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



Lake Okeechobee Water Level History and Projected Stages 19.0 15.59 ft, NGVD 19.0 S-77 (3000 cfs for 7 days) S-79 (21-day transitional release) 26-December-2017 S-77 (6500 cfs) S-77 (4000 cfs) Starting: 1-July Starting: 28-Oct Starting: 17-Nov Starting: 1-Dec S-77 (2800 cfs for 7 days) HIGH LAKE 18.0 18.0 S-79 (3000 cfs) Starting: 15-Jul, 5-Aug, 16-Sep MANAGEMENT Startina: 7-Dec S-77 (4000 cfs for 7 days) S-79 (2000 As for 7 days BAND Starting: 23-Sep S-79 (650 cfs for 7 days Starting: 22-Dec 17.0 S-79 (3000 cfs for 7 days 17.0 5-77 (max cfs) Starting: 11,18,25-Nov; Starting: 21-0ct Starting: 19-Sep 2,9,16-Dec S-79 (450 c) for 7 days) Starting: 31-Mar;7 16.0 HIGH 16.0 S-79 (300 cfs for 7 days) INTERMEDIATE Starting: 14,21,28-Apr; 5,12-May 15.0 5-79 (375 efs for 7 days) 15.0 Water Level (ft, NGVD) Starting: 19, 26-May; S-80 (500 cfs for 7 days) 2-Jun S-77 (4000 cfs) Startina: 22-Dec S-77 (Ocfs) Starting: 5-Sep 14.0 14.0 S-80 (1170 cfs) Starting: 9, 16, Starting: 7-Dec 23, 30-Jun; S-80 (0 cfs) S-80 (1800 cfs) Starting: 4,11,18,25-Nov; 13.0 13.0 Starting: 1-Dec 28-Jul; BASE FLOW S-80 Q1-day transitional release) S-80 (2800 cfs) Starting: 28-Oct 25-Aug **BENEFICIAL USE** S-80 (1800 cfs) Starting: 17-Nov S-80 (1170 cfs for 7 days 12.0 12.0 S-80 (0 cfs) Starting: 5-Sep Starting: 21-Oct WATER SHORTAGE Starting: 31 Max: S-308 (max cfs) MANAGEMENT S-80 (1800 cfs for 7 days) 19, 26-May; 2-Jul Starting: 15-Sep 11.0 Starting: 23-Sep **LEGEND** 11.0 Lake Release Color Code S-80 (1170 cfs for 7 days) S80 & S77 max practicable Starting: 16-Sep S-80 (0 cfs) S80 < 2,800 cfs; S77 < 6,500 cfs 10.0 10.0 Starting: 9, 16, S80 < 1,800 cfs; S77 < 4,000 cfs S-80 (650 cfs for 7 days) 23, 30-Jun; S80 < 1,170 cfs; S79 < 3000 cfs Starting: 15-July, 5-Aug 7, 14, 21, 28-Jul; Baseflow S80 < 200 cfs; S79 < 450 cfs 9.0 9.0 -S-80 (1170 cfs for 7 days) 4, 11, 18, 25-Aug No Regulatory Release From Lake Starting: 1-July Environmental WS Release Regulatory Release to WCAs 8.0 8.0 Jul-2016 Jan-2017 Jul-2017 Jan-2018 Jul-2018 LORS-2008 Projected Stage Percentiles From Adopted by USACE 28-April-2008 SFWMD-HESM Position Analysis

Data Ending 2400 hours 25 DEC 2017

Okeechobee Lake	_	(ft-NGVD) (ft-NGV	D) (ft-NGVD)	
*Okeechobee La Bottom of High Currently in O	Lake Mngmt	= 17.25 Top	of Water Sh	•	ficial Elv) 21
Simulated Aver Difference fro			13.56 2.03		
25DEC (1965-20 Difference fro			rage 14.		
Today Lake Oke stations	echobee ele	vation is det	ermined from	m the 4 Int &	4 Edge
++Navigation D	epth (Based	on 2007 Chan	nel Conditi	on Survey) Rou	te 1 ÷
++Navigation D7.73'		on 2008 Chan	nel Conditi	on Survey) Rou	te 2 ÷
Bridge Clearan	ce = 49.37'				
_					
4 Interior and 4	Edge Okeec	nobee Lake Av	erage (Avg-1	Daily values):	
L001 L005 15.51 15.61	L006 LZ40 15.65 15.5			S133 15.44	
*Combination Ok	eechobee A	vg-Daily Lake	_	15.59 (*See Note)	
_					
Okeechobee Inflo	ws (cfs):				
S65E		S65EX1	829	Fisheating Cr	
S154		S191	0	S135 Pumps	0
S84		S133 Pumps	0	S2 Pumps	0
S84X S71		S127 Pumps S129 Pumps	0 0	S3 Pumps S4 Pumps	0 0
S71 S72		S131 Pumps	0	C5	0
Total Inflows:	1144	JIJI I umps	Ü		Ü
Okeechobee Outfl	ows (cfs):				
S135 Culverts		S354	262	S77	2496
S127 Culverts	0	S351	255	S308	573
S129 Culverts	0	S352	0		
S131 Culverts	0	L8 Canal Pt	4		
Total Outflows:	3590				

-

Headwater Tailwater ----- Gate Positions -----

	iicaawatti	Idiiwacci				Gai	CC IO,	310101	.15	
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6	#7
#8	/ C	/ C	<i>(</i> . .	<i>(</i> C L)	<i>(</i> C L)	/ C \	/ C	<i>(</i> C L)	<i>(</i> C L)	<i>(</i> C L)
(ft)	(ft-msl)	(ft-msl)	(CIS)	(It)	(It)	(It)	(It)	(It)	(It)	(IT)
(20)		(I) see n	ote at	bott	tom				
North East Sl	nore	(–	,		- 1000					
S133 Pumps S193:	: 13.67	15.18	0	0	0	0	0	0	(cfs	:)
	19.62	15.19	0	0.0	0.0	0.0				
S135 Pumps		15.27	0	0		0	0		(cfs	;)
S135 Culve:			0	0.0	0.0				,	•
North West S	nore									
S65E:	20.92	14.74	0	0.0	0 0	0.0	0 0	0 0	-0 0	
S65EX1:		14.74	829	0.0	0.0	0.0	0.0	0.0	0.0	
S127 Pumps		15.42	0	0	0	0	0	0	(cfs	:)
S127 Culve:		13.12	0	0.0	Ū	Ū	Ū	Ü	(010	, ,
S129 Pumps		15.58	0	0	0	0			(cfs	;)
S129 Culve	rt:		0	0.0						
S131 Pumps	: 12.95	15.57	0	0	0				(cfs	;)
S131 Culve			0							
Fisheating	Crook									
nr Palmd		29.58	39							
nr Lakep		0.00	37							
C5:	310	-NR-	0	-NF	RNI	RNI	R-			
South Shore										
S4 Pumps:	11.43	15.84	0	0	0	0			(cfs	:)
S169:	15.58	11.33	38	0.5	0.5	0.5				
s310:	15.85		55							

```
S3 Pumps: 10.89 15.94 0 0 0 0 0 (cfs)
S354: 15.94 10.89 262 0.5 0.5
S2 Pumps: 10.62 15.86 0 0 0 0 0 0 (cfs)
S351: 15.86 10.62 255 0.2 0.3 0.3
S352: 15.74 10.49 0 0.0 0.0
C10A: -NR- 13.17 8.0 8.0 8.0 0.0 0.0
L8 Capal PT 13.00 4
                     13.00
                                4
 L8 Canal PT
                 S351 and S352 Temporary Pumps/S354 Spillway
            10.62
 S351:
 S352:
 S354:
Caloosahatchee River (S77, S78, S79)
 S47B: 14.48 11.13
                                     0.0 0.0
                     11.17 85 6.6
 S47D:
             11.18
 S77:
   Spillway and Sector Flow:
             Flow Due to Lockages+: 4
 S77 Below USGS Flow Gage
                             2492
 S78:
   Spillway and Sector Flow:
             11.03 2.86 2280 2.0 2.5 0.0 2.0
                              -NR-
  Flow Due to Lockages+:
 S79:
   Spillway and Sector Flow:
      2.93 0.80 3323 1.0 1.0 2.0 2.0 1.5 1.0 1.0
   Flow Due to Lockages+:
                                 3
   Percent of flow from S77 75
Chloride (ppm) 55
                               75%
St. Lucie Canal (S308, S80)
   Spillway and Sector Flow:
             15.44 14.13 572.72 1.0 1.0 1.0 1.0
  Flow Due to Lockages+: 0
 S308 Below USGS Flow Gage 573
S153: 18.74 13.93 39
                                39 0.5 0.0
 S80:
   Spillway and Sector Flow:
             14.06 0.08 710 1.0 0.0 0.0 0.0 0.0 0.6
   Flow Due to Lockages+:
                                34
   Percent of flow from S308
                               81%
 Steele Point Top Salinity (mg/ml) ****
 Steele Point Bottom Salinity (mg/ml) ****
```

```
Speedy Point Top Salinity (mg/ml) ****
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.

-				Wi	nd
Daily Precipitation Totals Speed	1-Day	3-Day	7-Day	Directio	n
F	(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	45	8
S78:	0.00	0.01	0.01	22	3
S79:	0.00	0.00	0.00	179	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:	0.00	0.00	0.00	65	1
S80:	0.00	0.00	0.00	341	3
Okeechobee Average	0.00	0.00	0.00		
(Sites S78, S79 and	S80 not in	ncluded)			
Oke Nexrad Basin Avg	-NR-	0.00	0.00		

_		
Okeechobee Lake Elevations	25 DEC 2017	15.59 Difference from
25DEC17		
25DEC17 -1 Day =	24 DEC 2017	15.62 0.03
25DEC17 -2 Days =	23 DEC 2017	15.64 0.05
25DEC17 -3 Days =	22 DEC 2017	15.66 0.07
25DEC17 -4 Days =	21 DEC 2017	15.67 0.08
25DEC17 -5 Days =	20 DEC 2017	15.69 0.10
25DEC17 -6 Days =	19 DEC 2017	15.70 0.11
25DEC17 -7 Days =	18 DEC 2017	15.71 0.12
25DEC17 - 30 Days =	25 NOV 2017	16.31 0.72
25DEC17 -1 Year =	25 DEC 2016	14.42 -1.17
25DEC17 -2 Year =	25 DEC 2015	14.81 -0.78

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 1.99

_

	Average Flo	w over the	previous	14 days	Avg-Daily Flow
25DEC17 Toda	y = 25	DEC 2017	-480	TUE	-2917
25DEC17 -1 Day	= 24	DEC 2017	-496	MON	42
25DEC17 -2 Day	s = 23	DEC 2017	-534	SUN	188
25DEC17 -3 Day	s = 22	DEC 2017	361	SAT	1833
25DEC17 -4 Day	s = 21	DEC 2017	1026	FRI	-1595
25DEC17 -5 Day	s = 20	DEC 2017	974	THU	1194
25DEC17 -6 Day	s = 19	DEC 2017	745	WED	1443
25DEC17 -7 Day	s = 18	DEC 2017	766557	TUE	-57
25DEC17 -8 Day	s = 17	DEC 2017	766480	MON	731
25DEC17 -9 Day	s = 16	DEC 2017	766404	SUN	-1943
25DEC17 -10 Day	s = 15	DEC 2017	766498	SAT	489
25DEC17 -11 Day	s = 14	DEC 2017	766287	FRI	-381
25DEC17 -12 Day	s = 13	DEC 2017	766227	THU	-6389
25DEC17 -13 Day	s = 12	DEC 2017	766439	WED	639

	S65E		
	Average Flow over	previous 14 days	Avg-Daily Flow
25DEC17 Today=	25 DEC 2017	2 TUE	0
25DEC17 -1 Day =	24 DEC 2017	2 MON	0
25DEC17 -2 Days =	23 DEC 2017	2 SUN	0
25DEC17 -3 Days =	22 DEC 2017	2 SAT	0
25DEC17 -4 Days =	21 DEC 2017	2 FRI	0
25DEC17 -5 Days =	20 DEC 2017	2 THU	0
25DEC17 -6 Days =	19 DEC 2017	2 WED	0
25DEC17 -7 Days =	18 DEC 2017	2 TUE	0
25DEC17 -8 Days =	17 DEC 2017	42 MON	0
25DEC17 -9 Days =	16 DEC 2017	96 SUN	0
25DEC17 -10 Days =	15 DEC 2017	159 SAT	0
25DEC17 -11 Days =	14 DEC 2017	237 FRI	0
25DEC17 -12 Days =	13 DEC 2017	319 THU	0
25DEC17 -13 Days =	12 DEC 2017	406 WED	24

_						~ ~				
						Se	55EX1			
					Average	Flow	v over	previous	14 days	Avg-Daily Flow
	25DEC17		Today	<u>/</u> =	25	DEC	2017	858	TUE	829
	25DEC17	-1	Day	=	24	DEC	2017	858	MON	851
	25DEC17	-2	Days	=	23	DEC	2017	853	SUN	863
	25DEC17	-3	Days	=	22	DEC	2017	857	SAT	868
	25DEC17	-4	Days	=	21	DEC	2017	834	FRI	836
	25DEC17	-5	Days	=	20	DEC	2017	815	THU	834
	25DEC17	-6	Days	=	19	DEC	2017	794	WED	835
	25DEC17	-7	Days	=	18	DEC	2017	777	TUE	900
	25DEC17	-8	Days	=	17	DEC	2017	727	MON	836
	25DEC17	-9	Days	=	16	DEC	2017	667	SUN	815
	25DEC17	-10	Days	=	15	DEC	2017	609	SAT	863
	25DEC17	-11	Days	=	14	DEC	2017	547	FRI	916
	25DEC17	-12	Days	=	13	DEC	2017	482	THU	913
	25DEC17	-13	Days	=	12	DEC	2017	416	WED	847

Lake Okeechobee Outlets Last 14 Days

S-77 Discharge (ALL DAY) DATE (AC-FT) 25 DEC 2017 4903 24 DEC 2017 6505 22 DEC 2017 5086 21 DEC 2017 2922 20 DEC 2017 3510 19 DEC 2017 3966 18 DEC 2017 5126 17 DEC 2017 6267 16 DEC 2017 6798	Below S-77 Discharge (ALL-DAY) (AC-FT) 4942 6048 6520 4894 2868 3458 3973 5036 6353 6716	S-78 Discharge (ALL DAY) (AC-FT) -NR- 5763 5719 4554 2603 3256 3597 4760 5989 6596	S-79 Discharge (ALL DAY) (AC-FT) 6583 7594 8415 6549 3209 4314 5682 6788 8055 9030	
15 DEC 2017 3830 14 DEC 2017 2518	3433 2264	4005 1988	6002 2912	
13 DEC 2017 3274 12 DEC 2017 3715	3073 3537	3434 3938	4969 4840	
S-310 Discharge (ALL DAY)	S-351 Discharge (ALL DAY)	S-352 Discharge (ALL DAY)	S-354 Discharge (ALL DAY)	L8 Canal Pt Discharge (ALL DAY)
DATE (AC-FT)	(ALL DAI)	(ALL DAI)	(ALL DAI)	(AC-FT)
25 DEC 2017 108	-NR-	0	486	8
24 DEC 2017 74	-NR-	0	412	5
23 DEC 2017 74	-NR-	0	305	10
22 DEC 2017 89	-NR-	208	740	4
21 DEC 2017 338205	-NR-	24	555	8
20 DEC 2017 152	-NR-	353	621	4
19 DEC 2017 56 18 DEC 2017 1	-NR- -NR-	218 0	343 0	8 7
17 DEC 2017 3	-NR-	0	0	14
16 DEC 2017 8	-NR-	0	0	27
15 DEC 2017 12	-NR-	0	0	5
14 DEC 2017 27	-NR-	0	0	4
13 DEC 2017 13	-NR-	0	0	-2
12 DEC 2017 4	-NR-	0	0	5
S-308 Discharge (ALL DAY)	Below S-308 Discharge (ALL-DAY)	S S-80 Discharge (ALL-DAY)		
DATE (AC-FT)	(AC-FT)	(AC-FT)		
25 DEC 2017 2034	1136	1461		
24 DEC 2017 2950	1616	1677		
23 DEC 2017 1981	1357	-NR-		
22 DEC 2017 1324 21 DEC 2017 1762	651	1076		
	1183	1265 1772		
20 DEC 2017 2486 19 DEC 2017 3070	1627 2245	1773 2270		
18 DEC 2017 3445	2674	2794		
17 DEC 2017 3443	3123	3156		
16 DEC 2017 3052	2301	3246		
15 DEC 2017 2527	1830	2471		
14 DEC 2017 1972	1277	2256		
13 DEC 2017 2012	1452	1822		

12 DEC 2017 2920 2023 2248

*** 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.

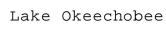
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations

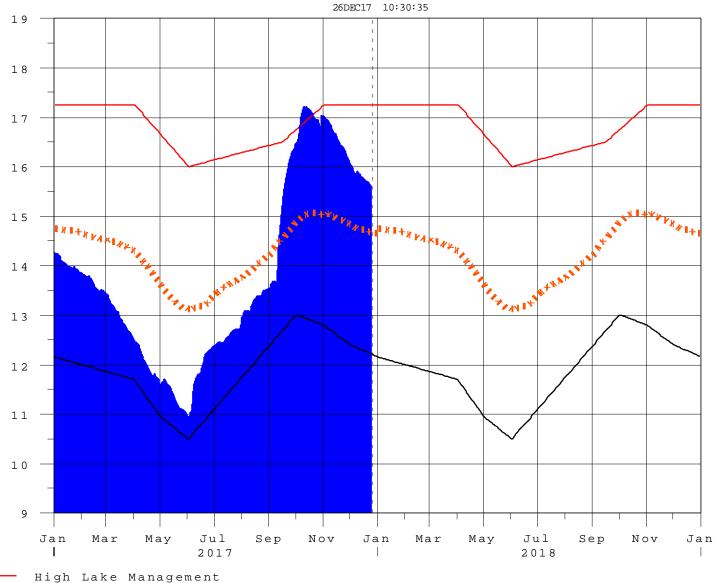
++ For more information see the Jacksonville District Navigation website at http://www.saj.usace.army.mil/

\$ For information regarding Lake Okeechobee Service Area water restrictions

please refer to www.sfwmd.gov

Report Generated 26DEC2017 @ 10:41 ** Preliminary Data - Subject to Revision





Okeechobee Avg Elev
Average Elev [1965-2007]
Water Shortage Management

E 1 e

i n

F t N

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
[[1000]	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