Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 11/06/2017 (Developing 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		Croley's Method ^{1*}		Croley's Empirical		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 (Nov- Apr)	N/A	N/A	1.21	Normal	1.02	Normal	0.92	Normal		
Multi Seasonal (Nov- Oct)	N/A	N/A	3.65	Wet	3.71	Wet	3.38	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.

Tributary Hydrologic Conditions Graph:

8492 cfs 14-day running average for Lake Okeechobee Net Inflow through 11/6/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

3.00 for Palmer Index on 11/4/2017.

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

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 11/6/2017

Lake Okeechobee Stage: 16.94 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	← 16.94
Operational Band	Intermediate sub-band	16.25	
	Low sub-band	14.50	
Base Flow sub-ba	nd	12.85	
Beneficial Use sub	o-band	12.75	
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-77 Up to 6500 cfs & S-80 Up to 2800 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

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

LORS2008 Implementation on 11/6/2017 (ENSO Neutral Condition):

Status for week ending 11/6/2017:

District wide, Raindar rainfall was 0.08 inches for the week. Lake stage on 11/6/2017 was 16.94 ft, down 0.11 ft from last week.

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

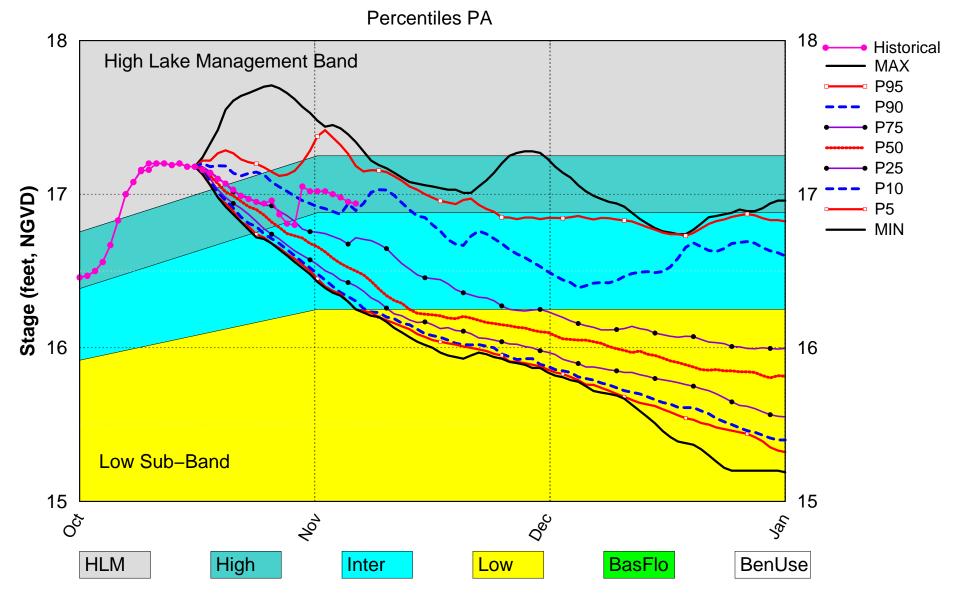
Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Intermediate Sub Band	L
	Palmer Index for LOK Tributary Conditions	3.00 (Normal)	L
	CPC Precipitation Outlook	1 month: Below Normal	M
LOK	CFC Frecipitation Outlook	3 months: Below Normal	M
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	1.02 ft (Normal)	M
	LOK Multi-Seasonal Net Inflow Outlook	3.71 ft (Normal)	L
	ENSO La Nina Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (17.61 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (13.81 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (12.28 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.

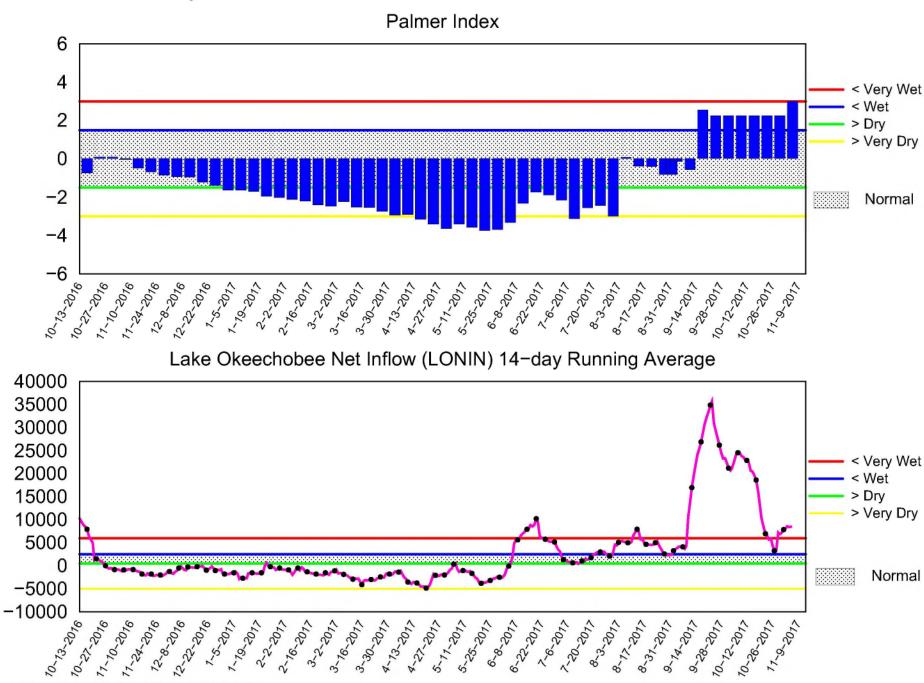
Back to Lake Okeechobee Operations Main Page
Back to U.S. Army Corps of Engineers LORSS Homepage

Lake Okeechobee SFWMM Oct 2017 Mid-Mon Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of November 6 2017

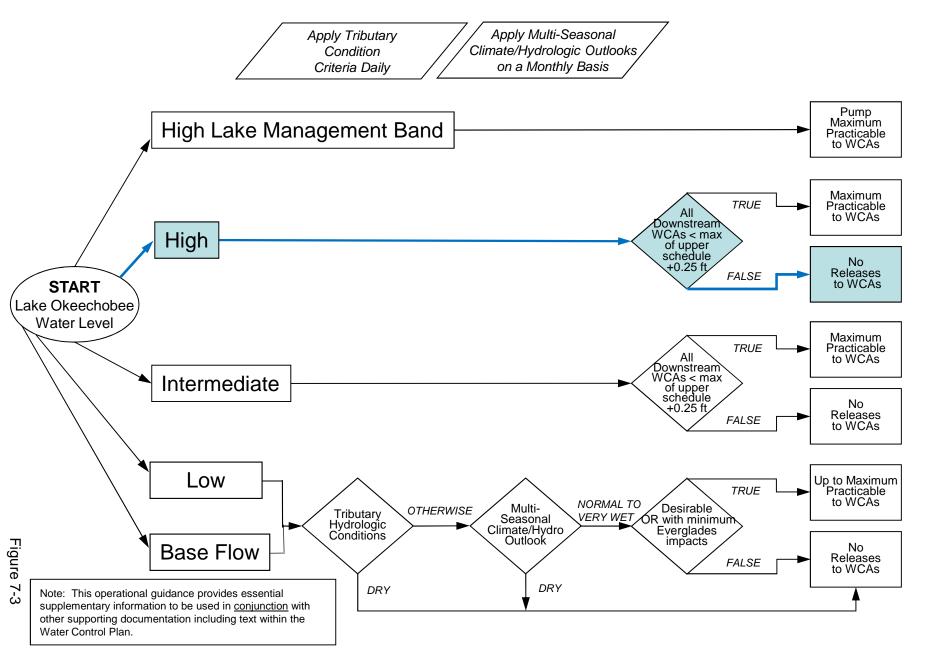


Mon Nov 06 15:50:35 EST 2017

-low (cfs)

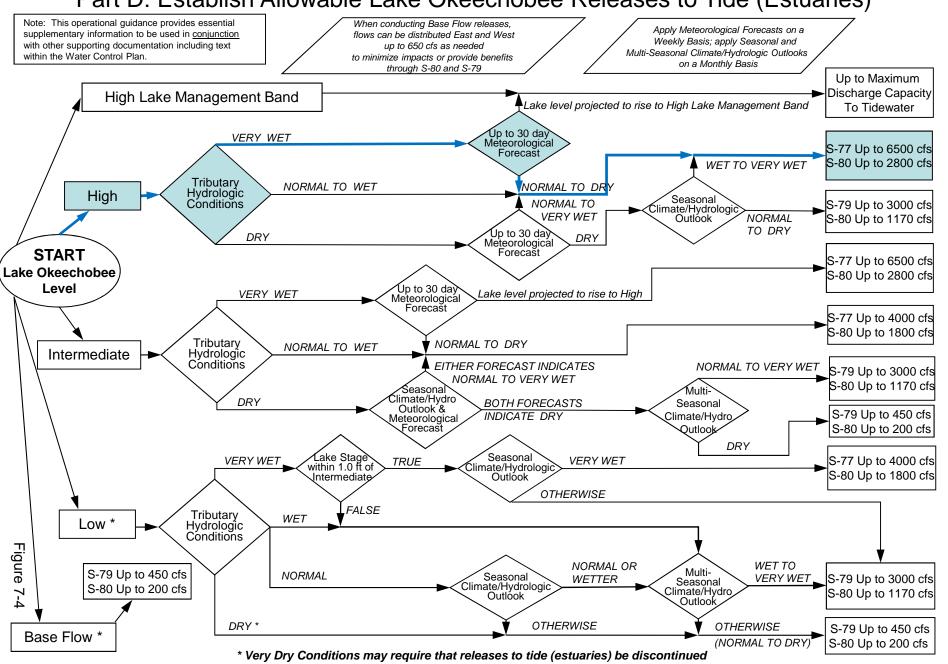
2008 LORS

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 16.91 ft, NGVD 19.0 S-77 (3000 cfs for 7 days) S-79 (21-day transitional release) 7-November-2017 Starting: 1-July Starting: 28-Oct S-77 (2800 cfs for 7 days) HIGH LAKE 18.0 18.0 Starting: 15-Jul, 5-Aug, 16-Sep MANAGEMENT S-77 (4000 cfs for 7 days) BAND Max Starting: 23-Sep S-79 (650 cfs for 7 days 17.0 S-79 (3000 cfs for 7 days 17.0 S-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) 16.0 Starting: 31-Mar; 7 HIGH 16.0 S-79 (300 cfs for 7 days) INTERMEDIATE Starting: 14,21,28-Apr; 5,12-May 15.0 S-79 (375 efs for 7 days) 15.0 Water Level (ft, NGVD) Starting: 19, 26-May; 2-Jun S-77 (4000 cfs) S-77 (Ocfs) Starting: 5-Sep 14.0 14.0 Starting: 9, 16, 23, 30-Jun; S-80 (0 cfs) Starting: 4,11,18,25-Nov; 13.0 13.0 28-Jul; **BASE FLOW** S-80 21-day transitional release Starting: 28-Oct 25-Aug BENEFICIAL USE S-80 (1860 cfs) 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 05 NOV 2017

Okeechobee Lake		(ft-NGVI) (ft-NC	Year 2YRS Ago GVD) (ft-NGVD) .32 14.49 (Of	ficial Elv.
	Lake Mngm	t= 17.25 Top	of Water S	Short Mngmt= 12.	
Simulated Aver Difference fro			13.96 2.98		
05NOV (1965-20 Difference fro			_	5.05 .90	
Today Lake Oke stations	echobee el	evation is det	ermined fr	com the 4 Int &	4 Edge
++Navigation D	epth (Base	d on 2007 Chai	nnel Condit	cion Survey) Rou	ıte 1 ÷
++Navigation D	epth (Base	d on 2008 Chai	nnel Condit	cion Survey) Rou	ıte 2 ÷
9.08' Bridge Clearan	ice = 46.97	1			
<u> </u>					
4 Interior and 4	Edge Okee	chobee Lake A	verage (Avg	g-Daily values):	:
L001 L005 16.85 17.10	L006 LZ4		52 S308 .09 16.84	S133 1 16.79	
*Combination Ok	eechobee	Avg-Daily Lake	e Average =	= 16.94 (*See Note)	
_					
Okeechobee Inflo	ows (cfs):				
S65E		S65EX1		Fisheating Cr	
S154 S84	166 999	S191 S133 Pumps	245 0	S135 Pumps S2 Pumps	0 0
S84X	0	S133 Pumps S127 Pumps	68	S3 Pumps	0
S71	485	S129 Pumps	47	S4 Pumps	0
S72	111	S131 Pumps	0	C5	0
Total Inflows:	6238				
Okeechobee Outfl					
S135 Culverts	0	S354	0	S77	5061
S127 Culverts	0	S351	0	S308	2739
S129 Culverts S131 Culverts	- 0 0	S352 L8 Canal Pt	0 14		
Total Outflows:	7814	по Callal Pt	14		

****S77 below flow meter is being used to compute Total Outflow.
****S308 below flow meter is being used to compute Total Outflow.

Okeechobee Pan Evaporation (inches):

\$77 0.17 \$308 0.15

Average Pan Evap x 0.75 Pan Coefficient = 0.12" = 0.01'

Lake Average Precipitation using NEXRAD: = 0.02" = 0.00'

Evaporation - Precipitation: = 0.10" = 0.01'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 1963 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -2269 cfs or -4500 AC-FT

_

-

	Headwater	Tailwater				Gat	te Pos	sitior	ns	
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6	#7
#8	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
(ft)					_					
North East S	horo	(I) see n	ote at	bott	com				
S133 Pumps S193:		16.83	0	0	0	0	0	0	(cfs)
S191:	18.08	16.83	245	0.5	0.0	0.5				
S135 Pumps		16.81	0	0		0	0		(cfs)
S135 Culve	rts:		0	0.0	0.0					
North West S	hore									
S65E:	21.05	16.72	2007	0.5	0.9	1.3	1.0	1.2	1.2	
S65EX1:		16.72	1152							
S127 Pumps		16.85	68	35	18	11	0	0	(cfs)
S127 Culve	rt:		0	0.0						
S129 Pumps	: 12.83	16.88	47	48	0	0			(cfs)
S129 Culve	rt:		-0	0.1						
S131 Pumps	: 12.89	16.88	0	0	0				(cfs)
S131 Culve			0							
Fisheating	Creek									
nr Palmd		32.69	958							
nr Lakep	ort						_			
C5:		-NR-	0	-NR	NI	RNI	₹-			
South Shore										
-	11.23	16.94	0	0	0	0			(cfs)
S169:	14.87	11.22	0	0.0	0.0	0.0				
S310:	16.88		9							

```
S3 Pumps: 10.11 16.97 0 0 0 0 0 (cfs)
S354: 16.97 10.11 0 0.0 0.0
S2 Pumps: 9.17 16.99 0 0 0 0 0 0 (cfs)
S351: 16.99 9.17 0 0.0 0.0 0.0
S352: 17.07 9.45 0 0.0 0.0
C10A: -NR- 14.39 8.0 8.0 8.0 0.0 0.0
                       14.42 14
 L8 Canal PT
                 S351 and S352 Temporary Pumps/S354 Spillway
                      16.99 0 -NR--NR--NR--NR--NR-
17.07 0 -NR--NR--NR-
16.97 0 -NR--NR--NR-
              9.17
 S351:
 S352:
              9.45
 S354:
             10.11
Caloosahatchee River (S77, S78, S79)
 S47B: 12.81 10.93
                                       0.5 1.0
                       10.97 82 6.5
 S47D:
             10.97
 S77:
   Spillway and Sector Flow:
              Flow Due to Lockages+: 10
 S77 Below USGS Flow Gage
                               5051
 S78:
   Spillway and Sector Flow:
              10.54 3.26 5758 5.0 5.0 5.0 4.5
  Flow Due to Lockages+:
                               15
 S79:
   Spillway and Sector Flow:
            2.98 1.55 8194 4.0 4.0 4.0 4.0 4.0 4.0 4.0
   Flow Due to Lockages+:
   Percent of flow from S77 62
Chloride (ppm) 53
                                 62%
St. Lucie Canal (S308, S80)
   Spillway and Sector Flow:
              16.84 16.53 ***** 8.0 8.0 8.0 8.0
  Flow Due to Lockages+: 0
 S308 Below USGS Flow Gage 2739
S153: 18.49 16.25 188
                                188 0.5 0.5
 S80:
   Spillway and Sector Flow:
              11.56 2.76 4336 4.5 2.5 0.0 4.0 2.5 4.0 4.5
   Flow Due to Lockages+:
                                 13
   Percent of flow from S308
                                 63%
 Steele Point Top Salinity (mg/ml) 9604
 Steele Point Bottom Salinity (mg/ml) ****
```

Speedy Point Top Salinity (mg/ml) 1104 Speedy Point Bottom Salinity (mg/ml) 2318

+ 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
-				***	110
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	1.60	1.60	316	3
S78:	0.26	1.43	1.43	322	1
S79:	0.00	10.42	10.42	337	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:	0.02	0.05	0.05	69	4
S80:	0.00	0.00	0.00	274	1
Okeechobee Average	0.01	0.13	0.13		
(Sites S78, S79 and	S80 not inc	cluded)			
Oke Nexrad Basin Avg	0.02	0.04	0.05		

_		
Okeechobee Lake Elevations	05 NOV 2017	16.94 Difference from
05NOV17		
05NOV17 - 1 Day =	04 NOV 2017	16.95 0.01
05NOV17 - 2 Days =	03 NOV 2017	16.98 0.04
05NOV17 - 3 Days =	02 NOV 2017	17.00 0.06
05NOV17 - 4 Days =	01 NOV 2017	17.02 0.08
05NOV17 - 5 Days =	31 OCT 2017	16.16 -0.78
05NOV17 - 6 Days =	30 OCT 2017	15.84 -1.10
05NOV17 - 7 Days =	29 OCT 2017	17.05 0.11
05NOV17 - 30 Days =	06 OCT 2017	17.00 0.06
05NOV17 -1 Year =	05 NOV 2016	15.32 -1.62
05NOV17 - 2 Year =	05 NOV 2015	14.49 -2.45

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 3.10

_

			1	Ave:	rage	Flor	w ove	er the	previous	14 days	Avg-1	Daily F	low
	05NOV17	7	Today	=		05	NOV	2017	8496	MON	į :	5535	
	05NOV17	-1	Day	=		04	NOV	2017	8474	SUN		1189	
	05NOV17	-2	Days	=		03	NOV	2017	8416	SAT	!	5475	
	05NOV17	-3	Days	=		02	NOV	2017	8040	FRI	!	5137	
	05NOV17	-4	Days	=		01	NOV	2017	7854	THU	20	1438	
	05NOV17	-5	Days	=		31	OCT	2017	-6726	WED	7 :	9943	
	05NOV17	-6	Days	=		30	OCT	2017	-12081	TUE	**	***	
	05NOV17	-7	Days	=		29	OCT	2017	7434	MON	6	4841	
	05NOV17	-8	Days	=		28	OCT	2017	3266	SUN	'	7206	
	05NOV17	-9	Days	=		27	OCT	2017	3164	SAT	-:	3880	
	05NOV17	-10	Days	=		26	OCT	2017	4549	FRI	-:	3616	
	05NOV17	-11	Days	=		25	OCT	2017	5926	THU	1	1851	
	05NOV17	-12	Days	=		24	OCT	2017	5934	WED		5878	
	05NOV17	-13	Days	=		23	OCT	2017	6165	TUE		1717	
_													
_							C (55E					
					7		-		22221	14 darra	1 7~ 1	>> + 1 + + □	1
	05NOV17		Toda		Aver	_		2017	previous 2208	MON	!	Daily F 2156	TOW
	05NOV17	1		-						SUN	!		
	ODMONT /	-1	Day	=		04	MOA	2017	2162	DOM	ļ .	2439	

	S65E		
	Average Flow over	previous 14 days	Avg-Daily Flow
05NOV17 Today=	05 NOV 2017	2208 MON	2156
05NOV17 - 1 Day =	04 NOV 2017	2162 SUN	2439
05NOV17 - 2 Days =	03 NOV 2017	2097 SAT	2661
05NOV17 - 3 Days =	02 NOV 2017	2024 FRI	2862
05NOV17 - 4 Days =	01 NOV 2017	1951 THU	3166
05NOV17 - 5 Days =	31 OCT 2017	1856 WED	3148
05NOV17 -6 Days =	30 OCT 2017	1762 TUE	2895
05NOV17 - 7 Days =	29 OCT 2017	1691 MON	2866
05NOV17 - 8 Days =	28 OCT 2017	1651 SUN	1563
05NOV17 - 9 Days =	27 OCT 2017	1726 SAT	1225
05NOV17 - 10 Days =	26 OCT 2017	1881 FRI	1175
05NOV17 - 11 Days =	25 OCT 2017	2082 THU	1672
05NOV17 - 12 Days =	24 OCT 2017	2196 WED	1558
05NOV17 - 13 Days =	23 OCT 2017	2331 TUE	1525

					Sé	55EX1			
				Average			previous	14 days	Avg-Daily Flow
05NOV17		Today	<i>7</i> =	05		2017	1606	MON	1152
05NOV17	-1	Day	=	04	NOV	2017	1691	SUN	1148
05NOV17	-2	Days	=	03	NOV	2017	1796	SAT	1225
05NOV17	-3	Days	=	02	NOV	2017	1906	FRI	1267
05NOV17	-4	Days	=	01	NOV	2017	2018	THU	1325
05NOV17	-5	Days	=	31	OCT	2017	2144	WED	1566
05NOV17	-6	Days	=	30	OCT	2017	2266	TUE	1614
05NOV17	-7	Days	=	29	OCT	2017	2397	MON	1680
05NOV17	-8	Days	=	28	OCT	2017	2523	SUN	1788
05NOV17	-9	Days	=	27	OCT	2017	2643	SAT	1855
05NOV17	-10	Days	=	26	OCT	2017	2752	FRI	1833
05NOV17	-11	Days	=	25	OCT	2017	2889	THU	1967
05NOV17	-12	Days	=	24	OCT	2017	3105	WED	1996
05NOV17	-13	Days	=	23	OCT	2017	3368	TUE	2072

_

Lake Okeechobee Outlets Last 14 Days

DATE 05 NOV 2017 04 NOV 2017 03 NOV 2017 02 NOV 2017 01 NOV 2017 31 OCT 2017 30 OCT 2017	11827 13275 13217 12887 12575	Below S-77 Discharge (ALL-DAY) (AC-FT) 10016 10579 14177 14255 13131 12677 10632	S-78 Discharge (ALL DAY) (AC-FT) 11454 12379 15651 15750 15966 15164 14923	S-79 Discharge (ALL DAY) (AC-FT) 16467 16943 21036 22535 24143 24763 25929	
29 OCT 2017 28 OCT 2017 27 OCT 2017 26 OCT 2017 25 OCT 2017 24 OCT 2017	13040 13061 12485 12571	12109 14211 14269 14044 13431 13241	14806 14667 15126 15405 14151 13423	27618 20792 19125 19963 19236 17914	
23 OCT 2017	13648 S-310	13471 S-351	13565 S-352	17692 S-354	L8 Canal Pt
DATE 05 NOV 2017 04 NOV 2017 03 NOV 2017 01 NOV 2017 31 OCT 2017 30 OCT 2017 29 OCT 2017 27 OCT 2017 26 OCT 2017 25 OCT 2017 24 OCT 2017 23 OCT 2017	14 19 -1 0 11 0 9 31 24 13 17 49	Discharge (ALL DAY) (AC-FT) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Discharge (ALL DAY) (AC-FT) 0 0 0 0 0 0 0 0 0 0 0 0 0	Discharge (ALL DAY) (AC-FT) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Discharge (ALL DAY) (AC-FT) 27 56 52 44 27 -17 -46 10 25 32 27 5 1
DATE 05 NOV 2017 04 NOV 2017 03 NOV 2017 01 NOV 2017 31 OCT 2017 30 OCT 2017 29 OCT 2017 28 OCT 2017 26 OCT 2017 25 OCT 2017 24 OCT 2017	9971 9672 10262 9498 8294 8626 7409 9583 8984 10090 9294	Below S-308 Discharge (ALL-DAY) (AC-FT) 5431 5220 5626 5084 5134 5084 4022 3488 4553 4999 4835 5566 4894	S-80 Discharge (ALL-DAY) (AC-FT) 8596 9240 9782 9801 9814 9865 9984 9281 8631 8583 8661 8739 8554		

23 OCT 2017 9969 4827 8462

* * * 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.

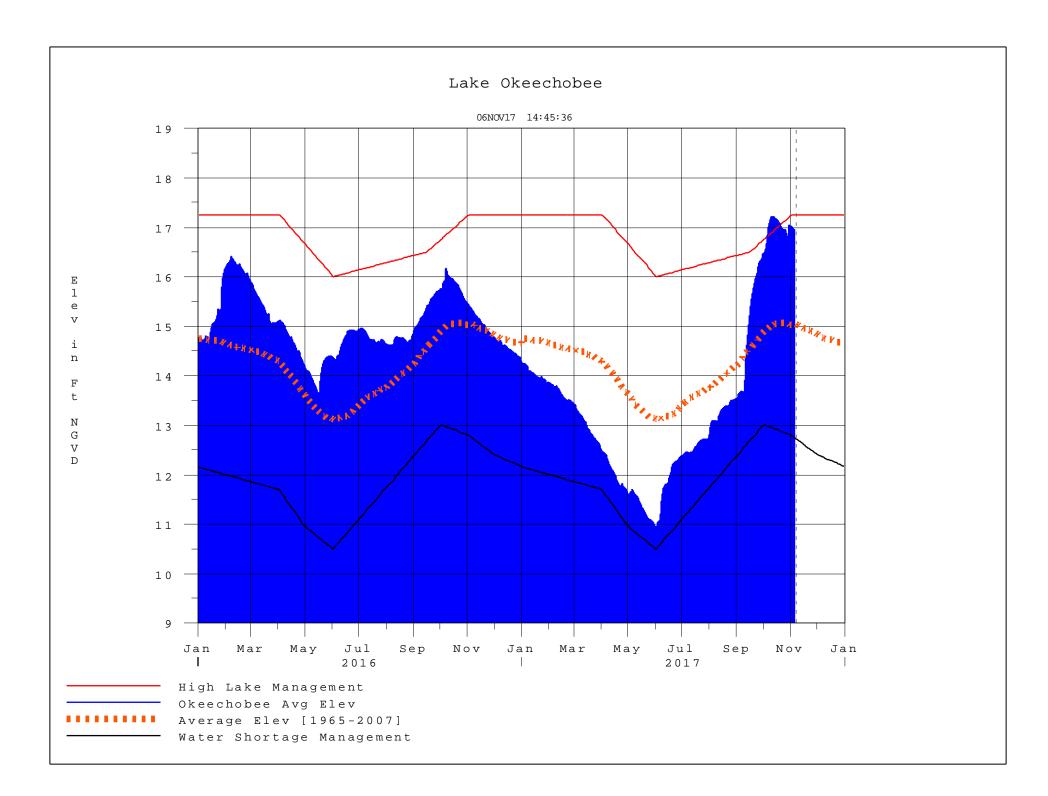
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations

++ 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 06NOV2017 @ 14:41 ** Preliminary Data - Subject to Revision



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