# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 3/26/2018 (ENSO La Nina Condition)

## **Lake Okeechobee Net Inflow Outlook:**

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method<sup>1</sup>, the SFWMD empirical method<sup>2</sup>, a sub-sampling of Neutral years<sup>3</sup> and a subsampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with La Nina ENSO years<sup>4</sup>. 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		coley's ethod <sup>1*</sup>	SFWMD Empirical Method <sup>2</sup>		Sub-sampling of Neutral ENSO Years <sup>3**</sup>		Sub-sampling of AMO Warm + Neutral ENSO Years <sup>4</sup>	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Mar- Aug)	N/A	N/A	0.57	Dry	0.93	Normal	0.71	Dry
Multi Seasonal (Mar- Oct)	N/A	N/A	1.87	Normal	2.13	Normal	1.96	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 LORS 2008 Release Guidance Flow Charts.

\*\*Sub-sampling is a weighted average of ENSO conditions based on the ENSO forecast used.

### Tributary Hydrologic Conditions Graph:

- **-2939 cfs** 14-day running average for Lake Okeechobee Net Inflow through 3/25/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- -1.45 for Palmer Index on 3/24/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

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

## LORS 2008 Classification Tables:

## Lake Okeechobee Stage on 3/26/2018

Lake Okeechobee Stage: 14.07 feet

US ACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob	ee Management	Bottom Elevation	Current
Zone	Zone/Band		Lake Stage
High Lake Management Band		17.25	
	High sub-band	16.52	
Operational Band	Intermediate sub-band	15.54	
	Low sub-band	13.50	<b>←</b> 14.07
Base Flow sub-band		12.60	
Beneficial Use sub-band		11.73	
Water Shortage M	lanagement Band		

#### Part C of LORS 2008: 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 LORS 2008: 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**

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

#### LORS 2008 Implementation on 3/26/2018 (ENSO La Nina Condition):

Status for week ending 3/26/2018:

District wide, Raindar rainfall was 0.25 inches for the week. Lake stage on 3/26/2018 was 14.07 ft, NGVD, down 0.21 ft from last week.

The updated March 2018 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 .

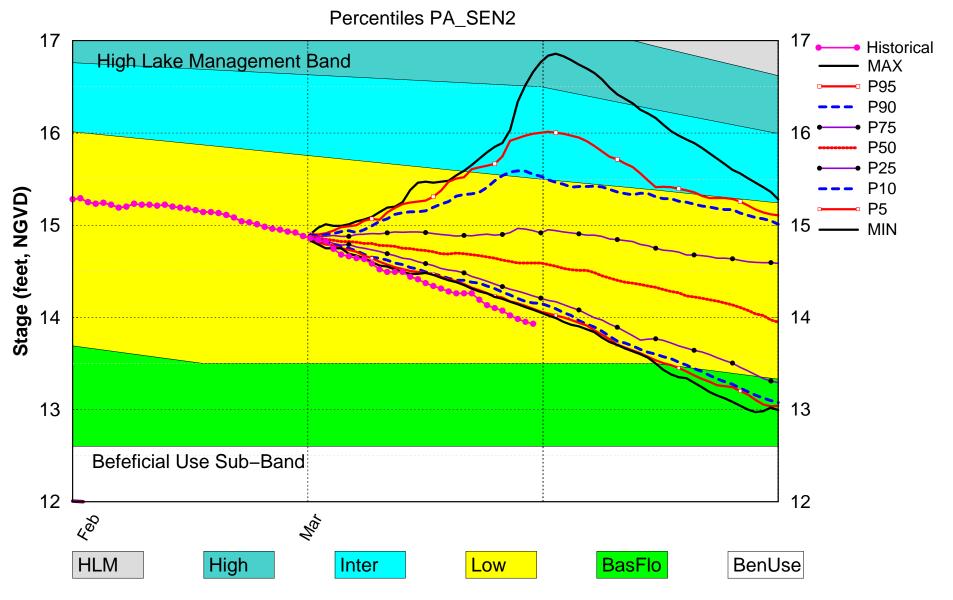
Water Supply Risk Evaluation

TTULO	ater Supply Kisk 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	-1.45 (Dry)	M			
	CPC Procinitation Outlook	1 month: Below Normal	M			
LOK	CPC Precipitation Outlook	3 months: Normal	L			
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	0.93 ft (Dry)	M			
	LOK Multi-Seasonal Net Inflow Outlook	2.13 ft (Normal)	M			
	ENSO La Nina Years					
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.15 ft)	L			
WCAs	WCA 2A: Site S11BHW	Below Line 2 (10.24 ft)	Н			
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.28 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.

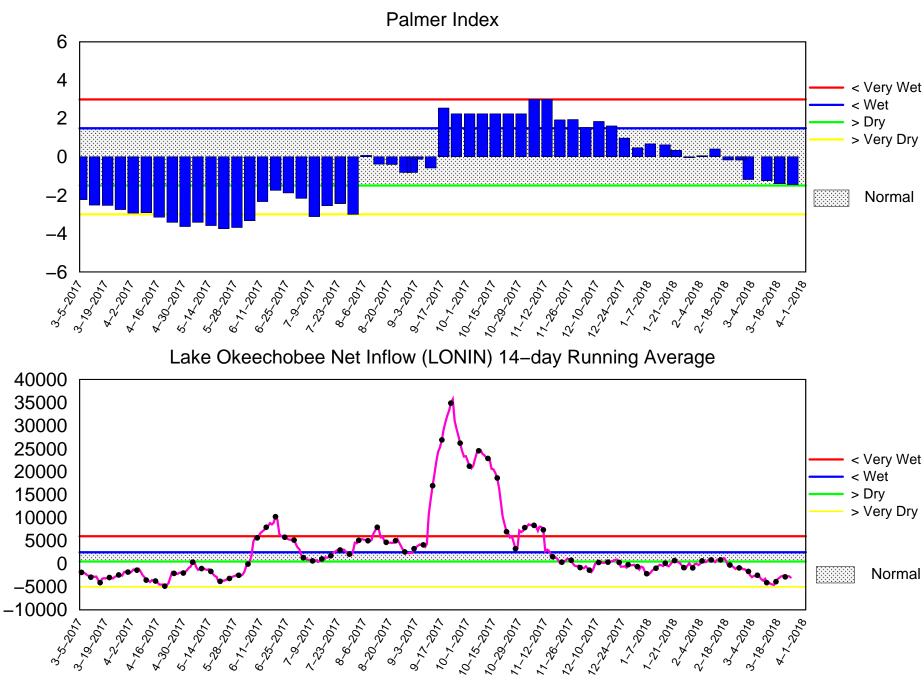
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# Lake Okeechobee SFWMM Mar 2018 Position Analysis



(See assumptions on the Position Analysis Results website)

# Tributary Basin Condition Indicators as of March 26 2018

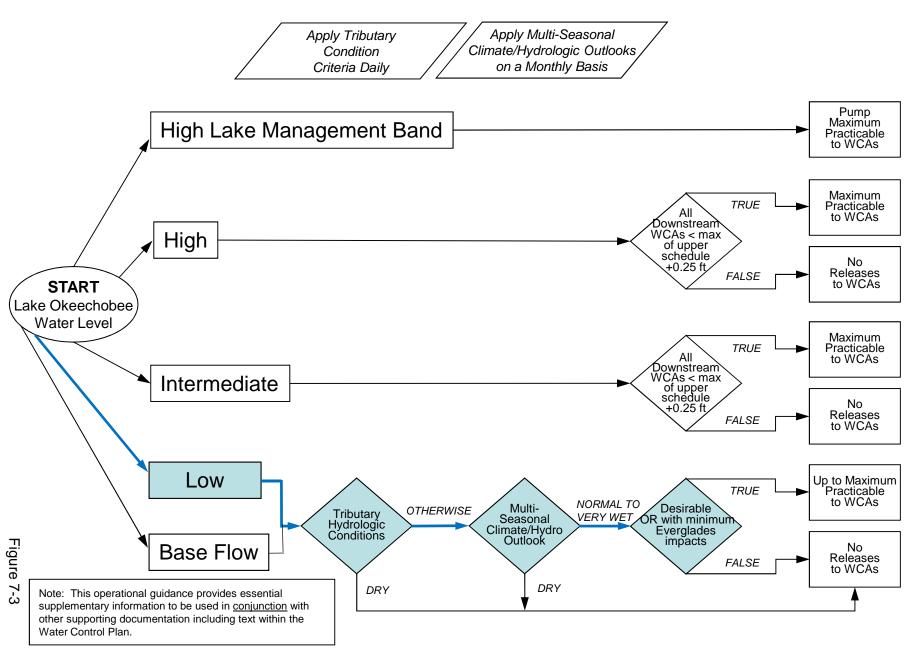


Mon Mar 26 16:41:14 EDT 2018

Flow (cfs)

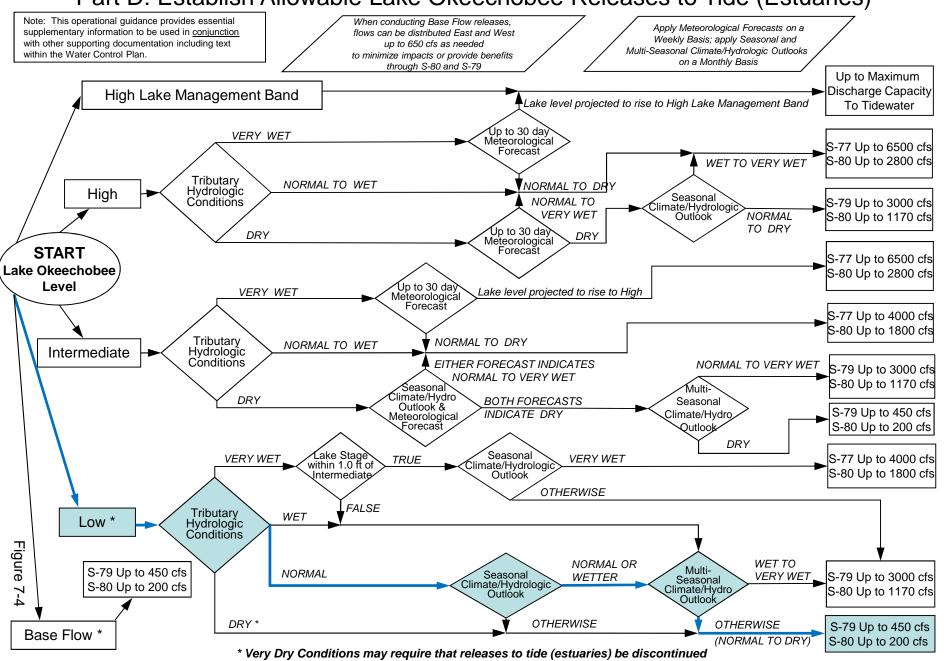
## **2008 LORS**

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



## **2008 LORS**

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



Lake Okeechobee Water Level History and Projected Stages 19.0 14.02 ft, NGVD 19.0 S-77 (6500 cfs) S-77 (4000 cfs) S-79 (3000 cfs) S-77 (max cfs) S-79 (450 cfs for 7 days) Starting: 17-Nov Starting: 1-Dec Starting: 7-Dec 27-March-2018 Starting: 19-Sep Starting: 31-Mar; 7-Apr S-79 (2000 cfs for 7 days) HIGH LAKE 18.0 18.0 Stārīting: 22-Dec  $\overline{S}$ - $\overline{79}$  ( $\overline{300}$  cfs for  $\overline{7}$  days) MANAGEMENT S-79 (1500 cfs for 7 days) Starting: 14,21,28-Apr; 5,12-May BAND. Starting: 29-Dec <del>\$ 79 (</del>375 cfs for 7 days) S-79 (650 cfs for Z days) HIGH 17.0 17.0 Starting: 19, 26-May; Starting: 5, 12-Jan  $S-7\sqrt{(0 cfs)}$ INTERMEDIATE starting: 9, 16, Max 16.0 16.0 7, 14, 24 28-Jul; LOW 15.0 15.0 Water Level (ft, NGVD) 25-Aug S-77 (4000 cfs) Starting: 5-Sep 14.0 14.0 BASE FLOW 13.0 13.0 25%... WATER SHORTAGE S-80 (0 cfs for 7 days) MANAGEMENT S-80 (1800 cfs) Starting: 5, 12-Jan 12.0 12.0 Starting: 5-Sep S-80 (0 cfs for 7 days) Min S-80 (0 cfs) **BENEFICIAL USE** Startina: 29-Dec Starting: 31 Mar; S-80 (500 cfs for 7 days) 11.0 **LEGEND** 11.0 19, 26-May; 2-Jun Starting: 22-Dec Lake Release Color Code S-80 (1170 cfs) S80 & S77 max practicable Startina: 7-Dec S80 < 2,800 cfs; S77 < 6,500 cfs S-80 (0 cfs) 10.0 10.0 S-80 (1800 cfs) S80 < 1,800 cfs; S77 < 4,000 cfs Starting: 9, 16, Starting: 1-Dec S80 < 1,170 cfs; S79 < 3000 cfs 23, 30-Jun; S-80 (2800 cfs) Baseflow S80 < 200 cfs; S79 < 450 cfs 7, 14, 21, 28-Jul; 9.0 9.0 Starting: 17-Nov No Regulatory Release From Lake 4, 11, 18, 25-Aug Environmental WS Release S-308 (max cfs) Regulatory Release to WCAs Starting: 15-Sep 8.0 8.0 Jan-2017 Jul-2017 Jan-2018 Jul-2018 Jan-2019 LORS-2008 Projected Stage Percentiles From

SFWMD-HESM Position Analysis

Adopted by USACE 28-April-2008

#### 

Data Ending 2400 hours 25 MAR 2018

Okeechobee Lake I	_	(ft-NGVD	) (ft-NGV	D) (ft-NGVD	))
*Okeechobee Lal Bottom of High Currently in Op	Lake Mngmt=	17.25 Top	of Water Sh		Official Elv) 1.73
Simulated Avera Difference from			13.09 0.98		
25MAR (1965-200 Difference from			rage 14. -0.2		
Today Lake Okee stations	echobee elev	ation is det	ermined fro	m the 4 Int	& 4 Edge
++Navigation De 8.01'	epth (Based	on 2007 Chan	nel Conditi	on Survey) R	Route 1 ÷
++Navigation De 6.21'		on 2008 Chan	nel Conditi	on Survey) R	Route 2 ÷
Bridge Clearand	ce = 49.55'				
_					
4 Interior and 4	Edge Okeech	obee Lake Av	erage (Avg-	Daily values	:):
L001 L005 1 14.08 14.09 3	L006 LZ40 L4.07 14.02			S133 14.01	
*Combination Oke	eechobee Av	g-Daily Lake	_	14.07 (*See Note)	
_					
Okeechobee Inflo	vs (cfs):				
S65E		65EX1	103	Fisheating	
S154		191	0	S135 Pumps	0
S84		133 Pumps	0	S2 Pumps	0
S84X S71		127 Pumps 129 Pumps	0	S3 Pumps S4 Pumps	0
S72		131 Pumps	0	C5	0
Total Inflows:	525	131 1411123	O	CS	0
Okeechobee Outflo	ows (cfs):				
S135 Culverts		354	1170	S77	592
S127 Culverts	-4 S	351	1924	S308	0
S129 Culverts		352	841		
S131 Culverts Total Outflows:	0 I 4829	8 Canal Pt	306		

\*\*\*\*\$77 below flow meter is being used to compute Total Outflow. \*\*\*\*S308 structure flow is being used to compute Total Outflow.

Okeechobee Pan Evaporation (inches): S77 0.16 S308 0.30

Average Pan Evap x 0.75 Pan Coefficient = 0.17" = 0.01'

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

Evaporation - Precipitation: = 0.17" = 0.01'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 3386 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -6353 cfs or -12600 AC-FT

	Headwater	Tailwater				Gat	te Pos	sition	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)		/ T	) see n	0+0 0+	- ho++	- om				
North East S	hore	( 1	) see n	ore at	ווטמ	JOIII				
S133 Pumps S193:		13.94	0	0	0	0	0	0	(cfs)	
S191:	19.09	13.96	0	0.0	0.0	0.0				
S135 Pumps	: 13.54	14.01	0	0	0	0	0		(cfs)	
S135 Culve	rts:		0	0.0	0.0					
North West S		10 70	206	0.5	0 0	0 0	0 0	0 0	0 0	
S65E: S65EX1:	20.96	13.70 13.70	206 103	0.5	0.0	0.0	0.0	0.0	0.0	
S127 Pumps		13.70	103	0	0	0	0	0	(cfs)	
S127 Fullips S127 Culve		13.90	- 4	0.5	U	U	U	U	(CIS)	
SIZ/ Curve	10.		7	0.5						
S129 Pumps	: 13.17	13.99	0	0	0	0			(cfs)	
S129 Culve			0	0.0					(,	
S131 Pumps	: 12.92	13.88	0	0	0				(cfs)	
S131 Culve	rt:		0							
Fisheating										
nr Palmd		28.00	1							
nr Lakep	ort		0							
C5:	<del></del>	-NR-	0	-NI	RNF	<ni< td=""><td><b>Κ</b>-</td><td></td><td></td><td></td></ni<>	<b>Κ</b> -			
South Shore										
S4 Pumps:	11.03	14.03	0	0	0	0			(cfs)	
S169:	14.06	11.02	0	0.0		0.0			(CID)	
S310:	13.99		59	J. J	0.0	0.0				
~~~.			0.5							

```
      S3 Pumps:
      10.86
      14.06
      0
      0
      0
      0
      0

      S354:
      14.06
      10.86
      1170
      2.2
      2.2
      2.2

      S2 Pumps:
      11.35
      14.06
      0
      0
      0
      0
      0

      S351:
      14.06
      11.35
      1924
      3.1
      3.2
      3.2

      S352:
      14.17
      10.82
      841
      1.5
      1.5

      C10A:
      -NR-
      14.19
      8.0
      8.0
      8.0
      0.0

      L8 Canal PT
      14.02
      306

                                                                                          (cfs)
                                                                                        (cfs)
                                                      8.0 8.0 8.0 0.0 0.0
                         S351 and S352 Temporary Pumps/S354 Spillway
                  S351:
  S352:
  S354:
Caloosahatchee River (S77, S78, S79)

      S47B:
      12.91
      10.96
      0.0

      S47D:
      10.97
      10.97
      26
      6.5

                                                      0.0 0.0
  S77:
     Spillway and Sector Flow:
                    13.94 11.03 586.09 0.5 0.0 2.5 0.5
     Flow Due to Lockages+: 5
  S77 Below USGS Flow Gage
                                             586
  S78:
     Spillway and Sector Flow:
                   10.88 3.17 857 0.0 2.5 0.0 0.0
   Flow Due to Lockages+:
                                              20
  S79:
     Spillway and Sector Flow:
          3.29 2.07 1196 0.0 0.0 0.0 1.0 1.0 1.0 0.0
     Flow Due to Lockages+:
                                               10
                                             -
49%
     Percent of flow from S77 49 Chloride (ppm) 59
St. Lucie Canal (S308, S80)
  S308:
     Spillway and Sector Flow:
                   14.07 13.95 0.00 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                            0
  S308 Below USGS Flow Gage
             18.58 13.74 0 0.0 0.0
  S153:
  S80:
     Spillway and Sector Flow:
    13.98 0.02 0 0.0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 35
     Percent of flow from S308 NA %
  Steele Point Top Salinity (mg/ml) ****
  Steele Point Bottom Salinity (mg/ml) ****
```

Speedy Point Top Salinity (mg/ml) -N 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	ind
eaily Precipitation Totals	1-Day	3-Day	7-Day	Directio	on
	(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:	0.45	0.45	0.47	252	4
S78:	1.71	1.71	1.71	236	2
S79:	-46.59	-46.59	-46.53	305	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	0.08	230	8
S80:	0.00	0.00	0.00	244	2
Okeechobee Average	0.22	0.03	0.04		
(Sites S78, S79 and	S80 not i	ncluded)			
Oke Nexrad Basin Avg	0.00	0.00	0.30		

_ Okeechobee Lake Elevations	25 MAR 2018	14.07 Differ	ence from
25MAR18			
25MAR18 - 1 Day =	24 MAR 2018	14.10	0.03
25MAR18 - 2 Days =	23 MAR 2018	14.13	0.06
25MAR18 -3 Days =	22 MAR 2018	14.19	0.12
25MAR18 - 4 Days =	21 MAR 2018	14.26	0.19
25MAR18 -5 Days =	20 MAR 2018	14.26	0.19
25MAR18 -6 Days =	19 MAR 2018	14.26	0.19
25MAR18 -7 Days =	18 MAR 2018	14.28	0.21
25MAR18 -30 Days =	23 FEB 2018	14.96	0.89
25MAR18 - 1 Year =	25 MAR 2017	12.70	-1.37
25MAR18 - 2 Year =	25 MAR 2016	15.07	1.00

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 3.51

Lake Okeechobee Net Inflow (LONIN)

```
Average Flow over the previous 14 days | Avg-Daily Flow
25MAR18 Today = 25 MAR 2018 -2791 MON | 25MAR18 -1 Day = 24 MAR 2018 -2479 SUN | 25MAR18 -2 Days = 23 MAR 2018 -2535 SAT | 25MAR18 -3 Days = 22 MAR 2018 -2490 FRI | 25MAR18 -4 Days = 21 MAR 2018 -2192 THU | 25MAR18 -5 Days = 20 MAR 2018 -2303 WED | 25MAR18 -6 Days = 19 MAR 2018 -2558 TUE | 25MAR18 -7 Days = 18 MAR 2018 -2558 TUE | 25MAR18 -8 Days = 17 MAR 2018 -2555 SUN | 25MAR18 -9 Days = 16 MAR 2018 -3708 SAT | 25MAR18 -10 Days = 15 MAR 2018 -3556 FRI | 25MAR18 -11 Days = 14 MAR 2018 -3247 THU | 25MAR18 -12 Days = 13 MAR 2018 -3041 WED | 25MAR18 -13 Days = 12 MAR 2018 -2859 TUE |
                            Today = 25 MAR 2018 -2791 MON | -1526
 25MAR18
                                                                                                                                                                                   -1442
                                                                                                                                                                                 -8373
                                                                                                                                                                               -10773
                                                                                                                                                                                -1014
                                                                                                                                                                                 -2797
                                                                                                                                                                                   -2289
                                                                                                                                                                                   -2816
                                                                                                                                                                                 -5664
                                                                                                                                                                                -3589
                                                                                                                                                                                 2783
                                                                                        S65E
                                                          Average Flow over previous 14 days | Avg-Daily Flow
 25MAR18 Today= 25 MAR 2018 74 MON | 234
25MAR18 Today= 25 MAR 2018 74 MON 25MAR18 -1 Day = 24 MAR 2018 57 SUN 25MAR18 -2 Days = 23 MAR 2018 40 SAT 25MAR18 -3 Days = 22 MAR 2018 23 FRI 25MAR18 -4 Days = 21 MAR 2018 6 THU 25MAR18 -5 Days = 20 MAR 2018 0 WED 25MAR18 -6 Days = 19 MAR 2018 0 TUE 25MAR18 -7 Days = 18 MAR 2018 0 MON 25MAR18 -8 Days = 17 MAR 2018 0 SUN 25MAR18 -9 Days = 16 MAR 2018 0 SAT 25MAR18 -10 Days = 15 MAR 2018 0 FRI 25MAR18 -11 Days = 14 MAR 2018 0 THU 25MAR18 -12 Days = 13 MAR 2018 0 THU 25MAR18 -12 Days = 13 MAR 2018 0 WED 25MAR18 -12 Days = 13 MAR 2018 0 TUE
                                                                                                                                                        |
|
|
|
|
                                                                                                                                                                                       236
                                                                                                                                                                                       236
                                                                                                                                                                                      235
                                                                                                                                                                                       91
                                                                                                                                                                                           0
                                                                                                                                                              0
                                                                                                                                                              0
                                                                                                                                                               S65EX1
                                                          Average Flow over previous 14 days | Avg-Daily Flow
 25MAR18 Today=
                                                        25 MAR 2018 267 MON |
25MAR18 Today= 25 MAR 2018 267 MON | 25MAR18 -1 Day = 24 MAR 2018 290 SUN | 25MAR18 -2 Days = 23 MAR 2018 304 SAT | 25MAR18 -3 Days = 22 MAR 2018 323 FRI | 25MAR18 -4 Days = 21 MAR 2018 345 THU | 25MAR18 -5 Days = 20 MAR 2018 355 WED | 25MAR18 -6 Days = 19 MAR 2018 372 TUE | 25MAR18 -7 Days = 18 MAR 2018 379 MON | 25MAR18 -8 Days = 17 MAR 2018 399 SUN | 25MAR18 -9 Days = 16 MAR 2018 399 SUN | 25MAR18 -10 Days = 16 MAR 2018 428 SAT | 25MAR18 -11 Days = 14 MAR 2018 486 THU | 25MAR18 -12 Days = 13 MAR 2018 520 WED | 25MAR18 -12 Days = 13 MAR 2018 520 WED | 25MAR18 -13 Days = 12 MAR 2018 562 TUE |
                                                                                                                                                                                          175
                                                                                                                                                                                          113
                                                                                                                                                                                           353
                                                                                                                                                                                        292
                                                                                                                                                                                         417
                                                                                                                                                                                        286
                                                                                                                                                                                          251
                                                                                                                                                                                           251
                                                                                                                                                                                         339
                                                                                                                                                                                         341
                                                                                                                                                                                         339
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Lake Okeechobee Outlets Last 14 Days

DATE  25 MAR 2018  24 MAR 2018  23 MAR 2018  22 MAR 2018  21 MAR 2018  20 MAR 2018  19 MAR 2018  17 MAR 2018  16 MAR 2018  15 MAR 2018  14 MAR 2018  13 MAR 2018  13 MAR 2018	3636 3391 1464 1069 1543 2156 2440 3565 2779 643 625 617	Below S-77 Discharge (ALL-DAY) (AC-FT) 1162 1595 1297 541 355 490 707 1090 1603 1216 345 579 731 839	S-78 Discharge (ALL DAY) (AC-FT) 1735 2366 2152 679 147 38 858 1201 1844 1547 29 114 318 488	S-79 Discharge (ALL DAY) (AC-FT) 2377 2312 1743 104 361 707 1216 1909 2602 1618 59 302 892 1108	
DATE  25 MAR 2018 24 MAR 2018 23 MAR 2018 22 MAR 2018 21 MAR 2018 20 MAR 2018 19 MAR 2018 17 MAR 2018 16 MAR 2018 15 MAR 2018 15 MAR 2018 14 MAR 2018 13 MAR 2018	3 151 3 156 3 194 3 138 8 4 3 43 3 12 75 3 164 170 3 144 4 4	S-351 Discharge (ALL DAY) (AC-FT) 3816 3492 3539 3469 2686 2231 2258 2314 2446 2239 1998 1962 1660 1650	S-352 Discharge (ALL DAY) (AC-FT) 1491 1487 1485 1463 1346 1249 1087 1331 1438 1283 1291 1287 974 771	S-354 Discharge (ALL DAY) (AC-FT) 1477 1473 1430 1289 924 1208 1432 1352 1368 1265 1077 992 1301 765	L8 Canal Pt Discharge (ALL DAY) (AC-FT) 607 576 540 612 651 553 522 544 573 594 559 563 534 552
DATE  25 MAR 2018  24 MAR 2018  23 MAR 2018  22 MAR 2018  21 MAR 2018  20 MAR 2018  19 MAR 2018  18 MAR 2018  16 MAR 2018  15 MAR 2018  14 MAR 2018  13 MAR 2018	S-308 Discharge (ALL DAY) (AC-FT) 3 1 420 3 -1 3 -NR- 3 -NR- 3 1 3 2 3 253 3 3	Below S-308 Discharge (ALL-DAY) (AC-FT) 12 125 -12 -185 -116 -51 214 -144 167 236 181 -68 -156		2	552

12 MAR 2018 1 -397 40

\*\*\* NOTE: Discharge (ALL DAY) is computed using Spillway, Sector Gate

and

Lockages Discharges from 0015 hrs to 2400 hrs.

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(I) - Flows preceded by "I" signify an instantaneous flow computed from the single value reported for the day

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\* 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

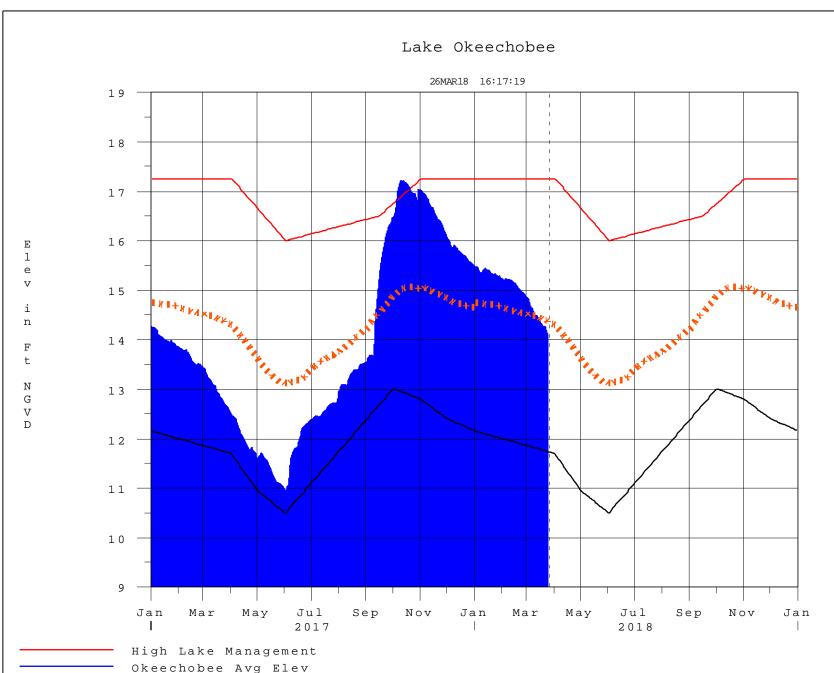
++ For more information see the Jacksonville District Navigation website at http://www.saj.usace.army.mil/

\$ For information regarding Lake Okeechobee Service Area water restrictions

please refer to www.sfwmd.gov

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Report Generated 26MAR2018 @ 23:38 \*\* Preliminary Data - Subject to Revision \*\*



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**

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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

<sup>\*</sup> 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
	20003	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

<sup>\*\*</sup>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

<sup>\*\*</sup>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

<sup>\*</sup> Corresponds to Table 7-6 in the Lake Okeechobee Water Control Plan

**Under Construction**