# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 2/12/2018 (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 sub-sampling 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		roley's ethod <sup>1*</sup>	SFWMD Empirical Method <sup>2</sup>		cal Neutral ENSO		Sub-sampling of AMO Warm + Neutral ENSO Years <sup>4</sup>	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Feb-Jul)	N/A	N/A	0.55	Dry	0.54	Dry	0.52	Dry
Multi Seasonal (Feb- Oct)	N/A	N/A	2.28	Normal	2.45	Normal	2.14	Normal

<sup>\*</sup>Croley's Method Not Produced For This Report

See Seasonal and Multi-Seasonal 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:**

**625 cfs** 14-day running average for Lake Okeechobee Net Inflow through 2/11/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

**0.40** for Palmer Index on 2/10/2018.

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

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

## **LORS2008 Classification Tables:**

## Lake Okeechobee Stage on 2/12/2018

Lake Okeechobee Stage: 15.19 feet

**USACE** Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

	ee Management Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
20110/	Daria	(1661, 146 v b)	Lake Glage
High Lake Manage	ement Band	17.25	
	High sub-band	16.70	
Operational Band	Intermediate sub-band	15.90	
	Low sub-band	13.54	← 15.19
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	11.94	
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** 

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

#### LORS2008 Implementation on 2/12/2018 (ENSO La Nina Condition):

#### Status for week ending 2/12/2018:

District wide, Raindar rainfall was 0.10 inches for the week. Lake stage on 2/12/2018 was 15.19 ft, NGVD, down 0.01 ft from last week.

The updated February 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 Normal. The THC classification is based on the wetter of the two indices .

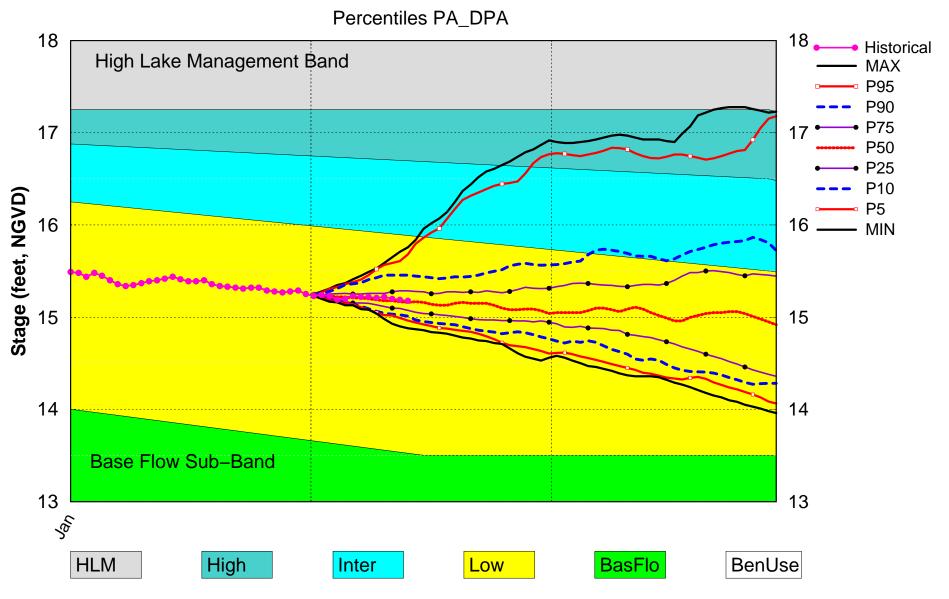
Water Supply Risk Evaluation

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	0.40 (Normal)	L
	CPC Precipitation Outlook	1 month: Below Normal	M
LOK	CFC Frecipitation Outlook	3 months: Below Normal	Н
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	0.54 ft (Dry)	M
	LOK Multi-Seasonal Net Inflow Outlook	2.45 ft (Normal)	M
	ENSO La Nina Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.71 ft)	L
WCAs	WCA 2A: Site 2-17	Above Line 1 (11.82 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.91 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.

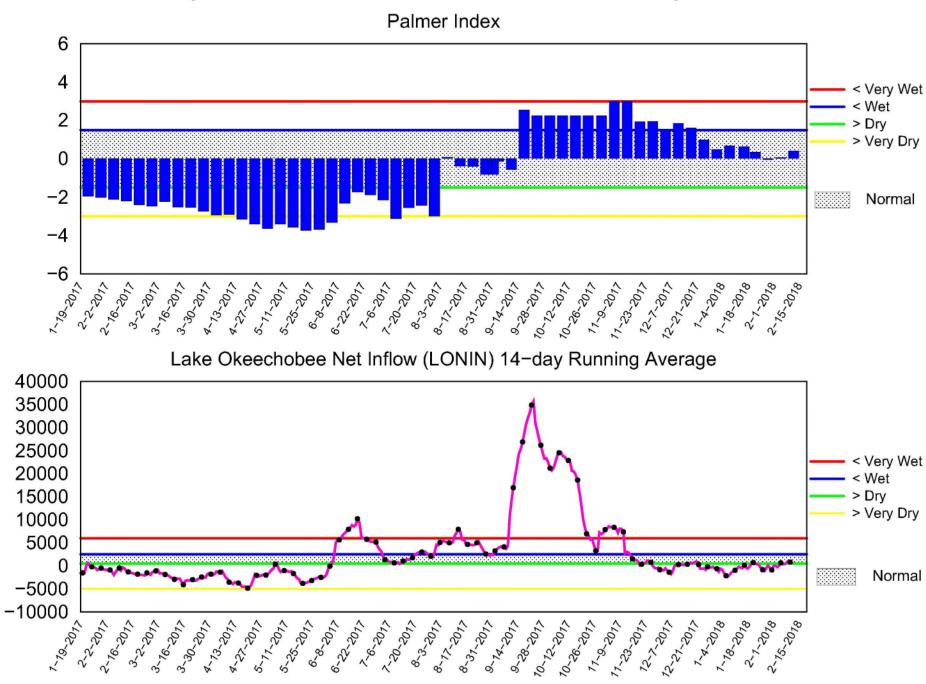
Back to Lake Okeechobee Operations Main Page
Back to U.S. Army Corps of Engineers LORSS Homepage

# Lake Okeechobee SFWMM Feb 2018 Position Analysis



(See assumptions on the Position Analysis Results website)

# Tributary Basin Condition Indicators as of February 12 2018

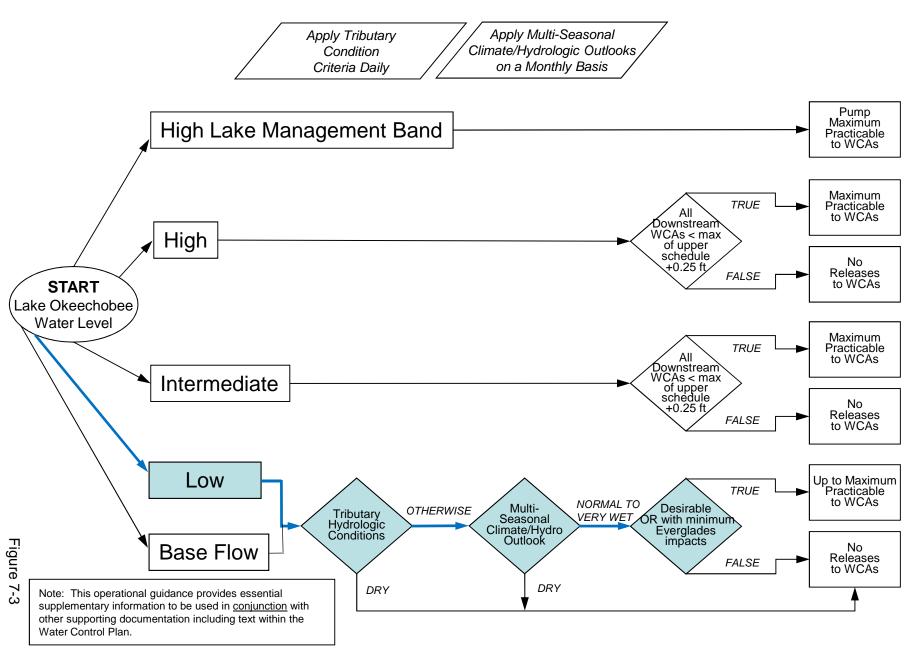


Mon Feb 12 14:50:59 EST 2018

-low (cfs)

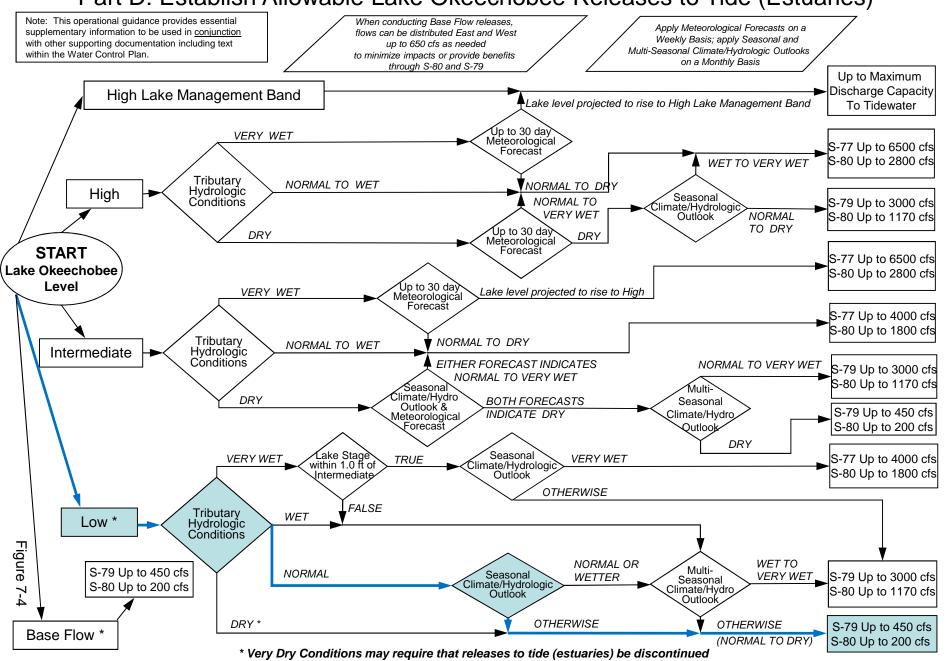
## **2008 LORS**

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 15.18 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 13-February-2018 Starting: 19-Sep Starting: 31-Mar; 7-Apr S-79 (2000 cfs for 7 days) HIGH LAKE 18.0 18.0 S-79 (300 cfs for 7 days) Startina: 22-Dec MANAGEMENT S-79 (1500 cfs for 7 days) Starting: 14,21,28-Apr; 5,12-May BAND Starting: 29-Dec <del>S 79 (</del>375 cfs for 7 days) S-79 (650 cfs for 7 days) HIGH 17.0 17.0 Startina: 19, 26-May; Starting: 5, 12-Jan S-7X (0 cfs) INTERMEDIATE Starting: 9, 16, Max 16.0 16.0 7, 14, 21 28-Jul; LOW 4, 11, 18. 15.0 15.0 Water Level (ft, NGVD) 25-Aua S-77 (4000 cfs) Starting: 5-Sep 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) S-80 (0 cfs) BENEFICIAL USE Starting: 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 Starting: 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 Adopted by USACE 28-April-2008 SFWMD-HESM Position Analysis

#### 

Data Ending 2400 hours 11 FEB 2018

Okeechobee Lake		(ft-NGVI	) (ft-NG	GVD) (ft-NGVD)	
*Okeechobee La Bottom of High Currently in (	n Lake Mngm	t= 17.25 Top	of Water S	73 16.29 (Of Short Mngmt= 11.	
Simulated Aver Difference fro	_		13.43 1.76		
11FEB (1965-20 Difference fro				1.59 60	
Today Lake Oke	eechobee el	evation is det	ermined fr	com the 4 Int &	4 Edge
++Navigation I	Depth (Base	d on 2007 Char	nel Condit	cion Survey) Rou	te 1 ÷
	Depth (Base	d on 2008 Char	nel Condit	ion Survey) Rou	te 2 ÷
7.33' Bridge Clearar	nce = 48.83	1			
	<del></del>				
4 - 1	4 = 1   01		/ 3	- · · · · · · · · · · · · · · · · · · ·	
4 Interior and 4	i Eage Okee	cnobee Lake Av	rerage (Avg	g-Daily values):	
L001 L005 15.20 15.24				S133 15.17	
*Combination O	keechobee .	Avg-Daily Lake	: Average =	= 15.19 (*See Note)	
Okeechobee Inflo	ows (cfs):				
S65E	0	S65EX1	925	Fisheating Cr	26
S154	0	S191	0	S135 Pumps	0
S84	0	S133 Pumps	0	S2 Pumps	0
S84X	141	S127 Pumps	0	S3 Pumps	0
S71 S72	37 0	S129 Pumps S131 Pumps	0	S4 Pumps C5	0
Total Inflows:	1129	SIJI FUMPS	O	CJ	O
Okeechobee Outfl	Lows (cfs):				
S135 Culverts	0	S354	308	S77	804
S127 Culverts	0	S351	1090	S308	2
S129 Culverts	0	S352	172		
S131 Culverts	0	L8 Canal Pt	227		
Total Outflows:	2603				

\*\*\*\*S77 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 0.13 S308 0.23

Average Pan Evap x 0.75 Pan Coefficient = 0.14" = 0.01'

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

Evaporation - Precipitation: = 0.14" = 0.01'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 2650 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -2168 cfs or -4300 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	( 1	) see n	ote at	bott	com				
S133 Pumps S193:		15.15	0	0	0	0	0	0	(cfs)	
S191:	19.28	15.14	0	0.0	0.0	0.0				
S135 Pumps	: 13.39	15.05	0	0	0	0	0		(cfs)	
S135 Culve	rts:		0	0.0	0.0					
North West S	hore									
S65E:	20.99	15.02	0	0.0	0.0	0.0	0.0	0.0	0.0	
S65EX1:	20.99	15.02	925							
S127 Pumps	: 13.58	15.21	0	0	0	0	0	0	(cfs)	
S127 Culve	rt:		0	0.0						
S129 Pumps	: 12.92	15.23	0	0	0	0			(cfs)	
S129 Culve	rt:		0	0.0						
S131 Pumps	: 12.93	15.20	0	0	0				(cfs)	
S131 Culve			0							
Fisheating	Creek									
nr Palmd		29.31	26							
nr Lakep	ort	0.00								
C5:		-NR-	0	-NF	RNI	RNF	-5			
South Shore										
S4 Pumps:	11.19	15.20	0	0	0	0			(cfs)	
S169:	15.21	11.16	0	0.0	0.0	0.0				
S310:	15.16		15							

```
S3 Pumps: 10.93 15.19 0 0 0 0 0 S354: 15.19 10.93 308 0.4 0.6 S2 Pumps: 10.88 15.17 0 0 0 0 0 0 S351: 15.17 10.88 1090 1.2 1.5 1.3 S352: 15.26 10.82 172 0.0 0.4 C10A: -NR- 14.02 8.0 8.0 8.0 0.0
                                                  (cfs)
                                                         (cfs)
                                   8.0 8.0 8.0 0.0 0.0
                    13.83 227
 L8 Canal PT
                S351 and S352 Temporary Pumps/S354 Spillway
                           1090 -NR--NR--NR--NR--NR-
            10.88
 S351:
                    15.17
 S352:
            10.82
                    15.26 172 -NR--NR--NR-
            10.93 15.19
 S354:
                             308 -NR--NR--NR--NR-
Caloosahatchee River (S77, S78, S79)
 S47B:
       13.30 11.12
                                   0.0 0.0
                    11.14 66 6.5
 S47D:
            11.15
 S77:
   Spillway and Sector Flow:
             Flow Due to Lockages+: 9
 S77 Below USGS Flow Gage
                             795
 S78:
   Spillway and Sector Flow:
            11.05 3.03 893 0.5 2.5 0.0 0.0
  Flow Due to Lockages+:
                              21
 S79:
   Spillway and Sector Flow:
           3.17 1.98 1208 0.0 0.0 0.0 1.0 1.0 1.0
   Flow Due to Lockages+:
                              13
                 from S77 66 (ppm) 51
   Percent of flow from S77
                             66%
   Chloride
St. Lucie Canal (S308, S80)
   Spillway and Sector Flow:
            15.14 14.67
                             0.00 0.0 0.0 0.0 0.0
  Flow Due to Lockages+:
                             2
           18.67 14.46 19
 S308 Below USGS Flow Gage
 S153:
                              19 0.1 0.1
 S80:
   Spillway and Sector Flow:
            Flow Due to Lockages+:
   Percent of flow from S308 NA %
 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	.na
Daily Precipitation Totals Speed	1-Day	3-Day	7-Day	Directio	n
opecu.	(inches)	(inches)	(inches)	(Degø)	
(mph)	( 11101102 )	( 11101102 )	( 11101100 )	(2032)	
S133 Pump Station:	-NR-	0.00	0.00		
S193:	-NR-			-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	121	4
S78:	0.00	0.00	0.02	77	3
S79:	0.01	0.01	0.01	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	0.02	0.08	120	5
S80:	0.00	0.00	0.00	190	4
Okeechobee Average	0.00	0.00	0.01		
(Sites S78, S79 and	S80 not inc	cluded)			
Oke Nexrad Basin Avg	0.00	0.00	0.04		

Okeechobee Lake Elevations	11 FEB 2018	15.19 Difference from
11FEB18		
11FEB18 - 1 Day =	10 FEB 2018	15.20 0.01
11FEB18 - 2 Days =	09 FEB 2018	15.22 0.03
11FEB18 - 3 Days =	08 FEB 2018	15.21 0.02
11FEB $18 - 4$ Days =	07 FEB 2018	15.22 0.03
11FEB18 -5 Days =	06 FEB 2018	15.22 0.03
11FEB $18 - 6$ Days =	05 FEB 2018	15.23 0.04
11FEB $18 - 7$ Days =	04 FEB 2018	15.20 0.01
11FEB18 - 30 Days =	12 JAN 2018	15.42 0.23
11FEB $18 - 1$ Year =	11 FEB 2017	13.73 -1.46
11FEB $18 - 2$ Year =	11 FEB 2016	16.29 1.10

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 2.31

\_

Avei	rage Flow over the	previous 14 days	Avg-Daily Flow
11FEB18 Today =	11 FEB 2018	65 MON	424
11FEB18 -1 Day =	10 FEB 2018	330 SUN	-2047
11FEB18 - 2 Days =	09 FEB 2018	546 SAT	4312
11FEB18 -3 Days =	08 FEB 2018	93 FRI	-404
11FEB $18 - 4$ Days =	07 FEB 2018	-358 THU	-NR-
11FEB18 -5 Days =	06 FEB 2018	-223 WED	-947
11FEB18 -6 Days =	05 FEB 2018	176 TUE	7968
11FEB18 -7 Days =	04 FEB 2018	-522 MON	3999
11FEB18 -8 Days =	03 FEB 2018	-862 SUN	-4010
11FEB18 -9 Days =	02 FEB 2018	-464 SAT	-1859
11FEB18 -10 Days =	01 FEB 2018	-467 FRI	-NR-
11FEB18 -11 Days =	31 JAN 2018	-992 THU	-2886
11FEB18 -12 Days =	30 JAN 2018	-511 WED	-7289
11FEB18 -13 Days =	29 JAN 2018	54 TUE	3516
	S65E	-	
	Average Flow over	previous 14 days	Avg-Daily Flow
11FEB18 Today=	11 FEB 2018	0 MON	0
11FFR18 -1 Day =	10 FFR 2018	O SIII	1

11FEB18 - 1 Day =10 FEB 2018 0 SUN 11FEB18 - 2 Days =09 FEB 2018 0 SAT 11FEB18 -3 Days = 08 FEB 2018 0 FRI 0 11FEB18 -4 Days = 07 FEB 2018 0 THU 0 11FEB18 -5 Days = 06 FEB 2018 0 WED 0 0 11FEB18 -6 Days = 05 FEB 2018 0 TUE 11FEB18 -7 Days = 04 FEB 2018 0 MON 0 11FEB18 -8 Days = 11FEB18 -9 Days = 03 FEB 2018 0 SUN 0 02 FEB 2018 0 SAT 0 11FEB18 -10 Days = 01 FEB 2018 0 FRI 0 11FEB18 -11 Days = 31 JAN 2018 0 THU 0 11FEB18 -12 Days = 30 JAN 2018 WED 0

-

0 TUE

0

29 JAN 2018

_												
						S	55EX1					
					Average	Flov	v over	previous	14 days		Avg-Daily	Flow
111	FEB18		Today	<u>/</u> =	11	FEB	2018	939	MON		925	
111	FEB18	-1	Day	=	10	FEB	2018	935	SUN		945	
11E	FEB18	-2	Days	=	09	FEB	2018	915	SAT	ĺ	1000	
11E	FEB18	-3	Days	=	08	FEB	2018	891	FRI	ĺ	1020	
111	FEB18	-4	Days	=	07	FEB	2018	867	THU	ĺ	1004	
111	FEB18	-5	Days	=	06	FEB	2018	846	WED		942	
111	FEB18	-6	Days	=	05	FEB	2018	829	TUE	ĺ	1009	
111	FEB18	-7	Days	=	04	FEB	2018	804	MON	ĺ	1007	
111	FEB18	-8	Days	=	03	FEB	2018	776	SUN	ĺ	940	
111	FEB18	-9	Days	=	02	FEB	2018	755	SAT	ĺ	896	
11E	FEB18	-10	Days	=	01	FEB	2018	736	FRI	ĺ	916	
111	FEB18	-11	Days	=	31	JAN	2018	717	THU	ĺ	910	
11F	FEB18	-12	Days	=	30	JAN	2018	704	WED	ĺ	847	
11E	FEB18	-13	Days	=	29	JAN	2018	712	TUE	j	786	

\_

11FEB18 -13 Days =

Lake Okeechobee Outlets Last 14 Days

10 09 08 07 06 05 04 03 02 01 31	DATE FEB FEB FEB FEB FEB FEB FEB FEB FEB	2018 2018 2018 2018 2018 2018 2018 2018	(ALL DAY) (AC-FT) 2484 2504 2482 19 19 18 412 1921 3020 2079 468 457	Below S-77 Discharge (ALL-DAY) (AC-FT) 1577 1060 589 46 97 180 329 917 1339 744 229 344	Discharge (ALL DAY) (AC-FT) 1808 2089 1493 47 355 338 851 1966 2051 1576 143 466	S-79 Discharge (ALL DAY) (AC-FT) 2415 2529 1943 76 400 986 1288 1724 3083 2141 88 513	
	JAN			138	668	1043	
29	JAN	2018	276	289	671	1134	
			S-310 Discharge (ALL DAY)	S-351 Discharge	S-352 Discharge (ALL DAY)	S-354 Discharge (ALL DAY)	L8 Canal Pt Discharge (ALL DAY)
	DATE		(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
11	FEB	2018		-NR-	297	559	451
	FEB			-NR-	379	575	461
	FEB			-NR-	266	333	470
	FEB			-NR-	456	17	445
	FEB FEB			-NR- -NR-	153 4	200 186	-NR- 369
	FEB			-NR-	48	178	370
	FEB			-NR-	147	198	371
	FEB			-NR-	470	420	377
	FEB			-NR-	795	496	364
01	FEB	2018	8	-NR-	531	974	-NR-
	JAN			-NR-	284	0	366
	JAN			-NR-	393	0	371
29	JAN	2018	56	-NR-	299	377	363
			S-308	Below S-308	3 S-80		
			Discharge	Discharge	Discharge	2	
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)		
	DATE		(AC-FT)	(AC-FT)	(AC-FT)		
	FEB			-192	70		
	FEB			26	64		
	FEB			269	44		
	FEB FEB			-97 -110	57 64		
	FEB			138	48		
	FEB			-NR-	60		
	FEB		4	144	42		
	FEB			48	30		
	FEB			0	50		
	FEB			143	57		
	JAN JAN			136 28	34 28		
20	OAIN	∠∪⊥0	۷	∠0	∠0		

29 JAN 2018 3 -253 45

\*\*\* 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

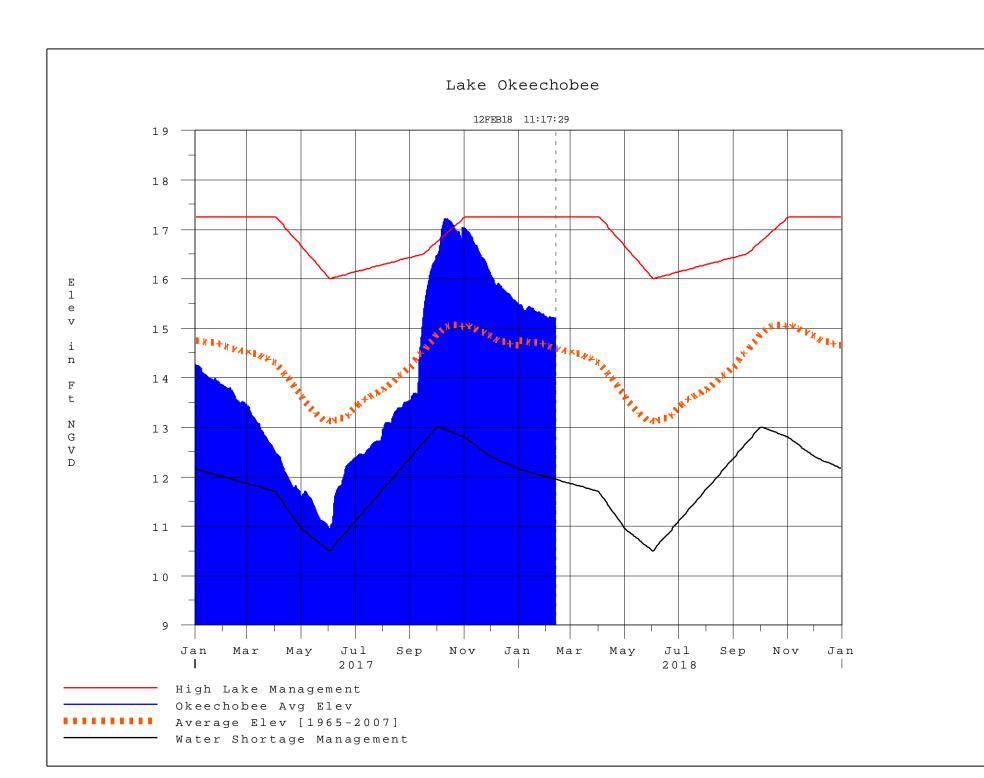
++ For more information see the Jacksonville District Navigation website at http://www.saj.usace.army.mil/

\$ For information regarding Lake Okeechobee Service Area water restrictions

please refer to www.sfwmd.gov

\_

Report Generated 12FEB2018 @ 10:59 \*\* 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		

<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**