Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 2/19/2018 (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		Croley's Method ^{1*}		- Empirical		Neuti	ampling of ral 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 (Feb-Jul)	N/A	N/A	0.23	Dry	0.66	Dry	0.14	Dry		
Multi Seasonal (Feb- Oct)	N/A	N/A	2.41	Normal	2.41	Normal	2.08	Normal		

^{*}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:

642 cfs 14-day running average for Lake Okeechobee Net Inflow through 2/18/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

-0.15 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 2/19/2018

Lake Okeechobee Stage: 15.04 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	16.68	
Operational Band	Intermediate sub-band	15.85	
	Low sub-band	13.50	← 15.04
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	11.91	
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 2/19/2018 (ENSO La Nina Condition):

Status for week ending 2/19/2018:

District wide, Raindar rainfall was 0.03 inches for the week. Lake stage on 2/19/2018 was 15.04 ft, NGVD, down 0.15 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 .

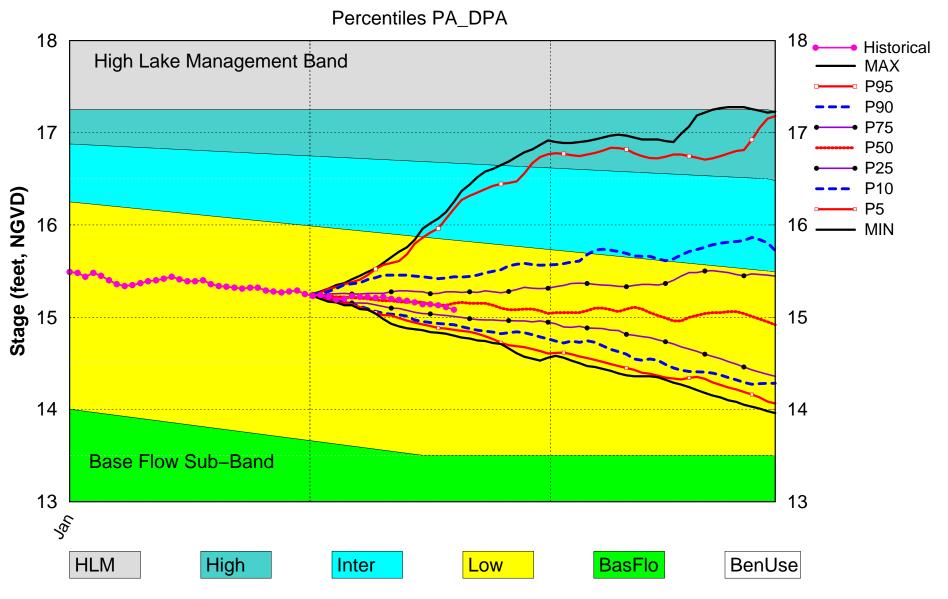
Water Supply Risk Evaluation

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	-0.15 (Normal)	L
	CDC Procinitation Outlook	1 month: Below Normal	M
LOK	CPC Precipitation Outlook	3 months: Below Normal	Н
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	0.66 ft (Dry)	M
	LOK Multi-Seasonal Net Inflow Outlook	2.41 ft (Normal)	M
	ENSO La Nina Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.60 ft)	L
WCAs	WCA 2A: Site 2-17	Above Line 1 (11.72 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.79 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.

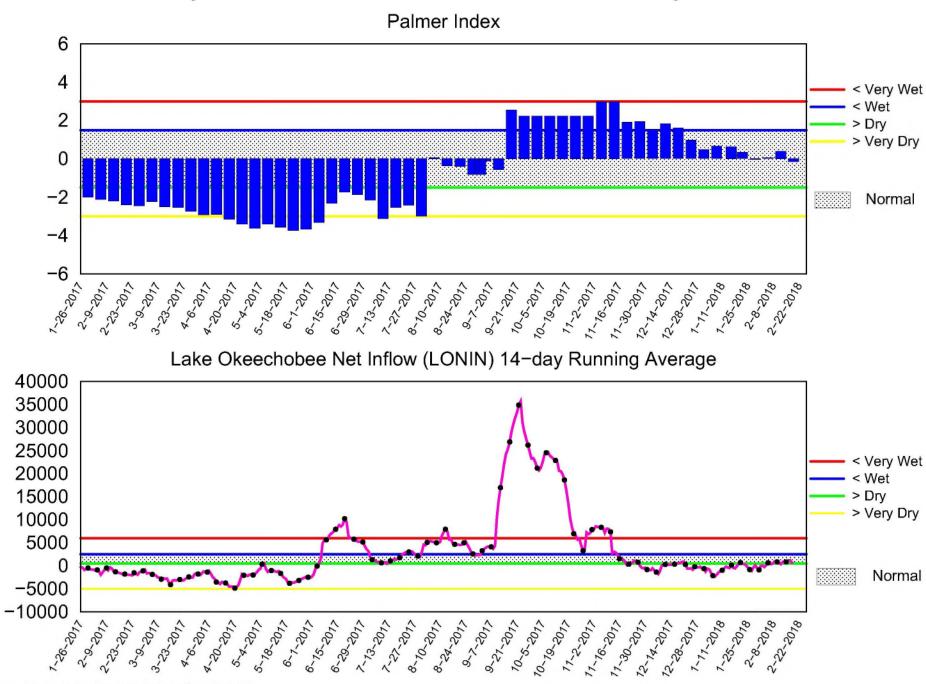
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Lake Okeechobee SFWMM Feb 2018 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of February 19 2018

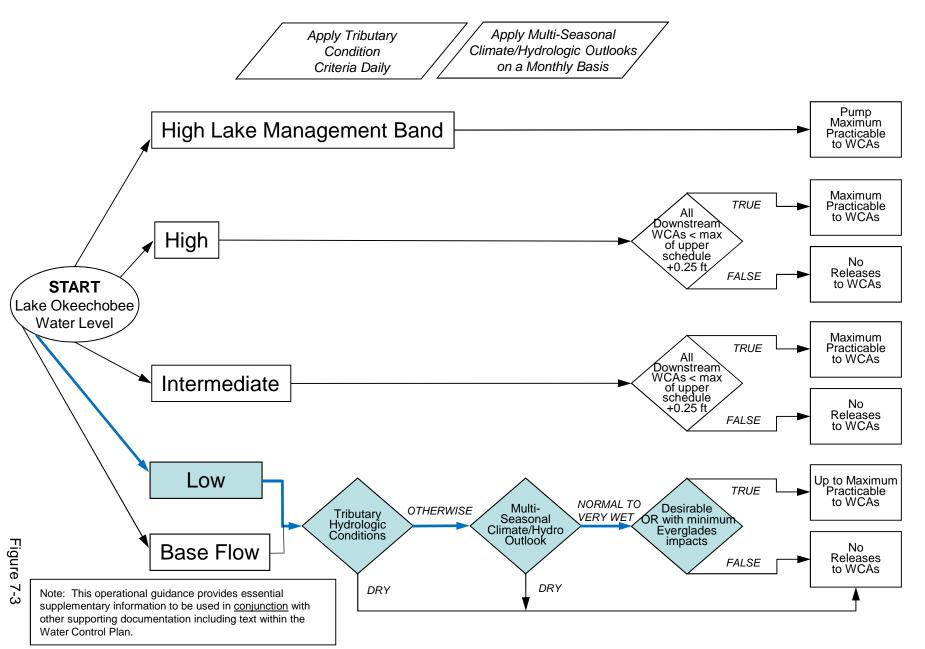


Mon Feb 19 17:29:13 EST 2018

-low (cfs)

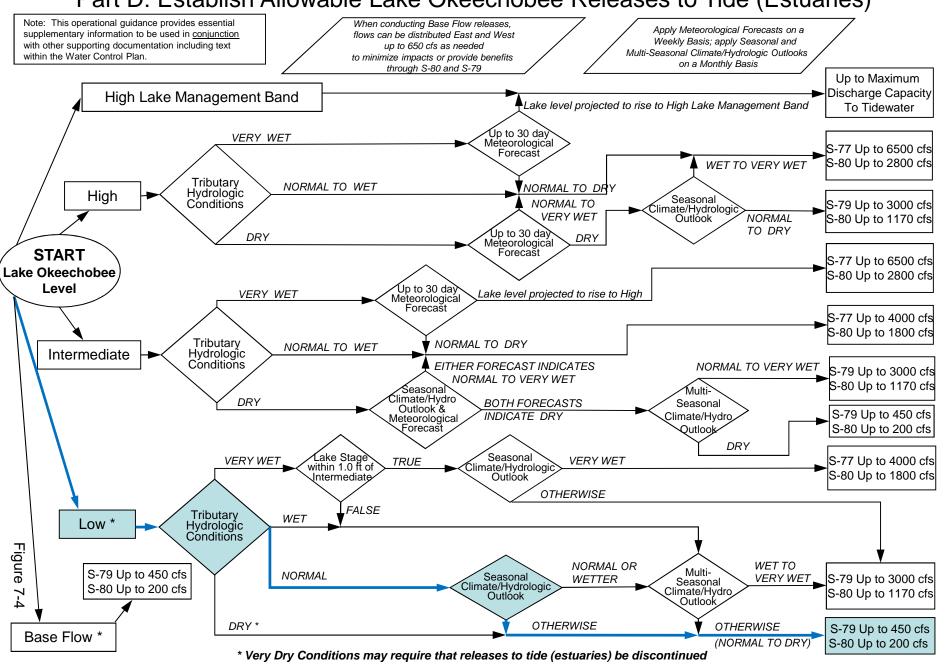
2008 LORS

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 15.04 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 20-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 S 79 (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-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) 50% 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) Min BENEFICIALUSE 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 18 FEB 2018

Okeechobee Lake Regulat:	(ft-NGVI	O) (ft-NG	Year 2YRS Ago GVD) (ft-NGVD) 53 16.20 (Of	fficial Elv)
Bottom of High Lake M Currently in Operation			Short Mngmt= 11.	.91
Simulated Average LORS Difference from Average		13.38 1.70		
18FEB (1965-2007) Per: Difference from POR A			1.56 52	
Today Lake Okeechobee stations	elevation is det	cermined fr	com the 4 Int &	4 Edge
++Navigation Depth (Ba	ased on 2007 Char	nnel Condit	ion Survey) Rou	ıte 1 ÷
++Navigation Depth (Ba		nnel Condit	ion Survey) Rou	ıte 2 ÷
Bridge Clearance = 49	. 73 ' 			
_				
4 Interior and 4 Edge Ol	keechobee Lake Av	verage (Avg	g-Daily values):	:
L001 L005 L006 1 15.08 15.14 15.09		52 S308 .20 15.03	S133 3 14.99	
*Combination Okeechobee	e Avg-Daily Lake	e Average =	: 15.08 (*See Note)	
Okeechobee Inflows (cfs				
S65E 0 S154 0	S65EX1 S191	1211 0	Fisheating Cr S135 Pumps	22 0
S84 0	S133 Pumps	0	S2 Pumps	0
S84X 0	S127 Pumps	0	S3 Pumps	0
S71 0	S129 Pumps	0	S4 Pumps	0
S72 0	S131 Pumps	0	C5	0
Total Inflows: 1233				
Okeechobee Outflows (cfs	•			
S135 Culverts 0	S354	269	S77	1253
S127 Culverts 0	S351	1074	S308	3
S129 Culverts 0 S131 Culverts 0	S352 L8 Canal Pt	445 227		
Total Outflows: 3272	no Canar Pt	221		

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

Okeechobee Pan Evaporation (inches):

\$77 0.19 \$308 0.23

Average Pan Evap x 0.75 Pan Coefficient = 0.16" = 0.01'

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

Evaporation - Precipitation: = 0.16" = 0.01'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 3092 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -6504 cfs or -12900 AC-FT

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	Headwater	Tailwater				Gat	e 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		14.98	0	0	0	0	0	0	(cfs)	
S193:	. 13.37	11.50	O	O	O	O	O	O	(CIB)	
S191:	19.30	14.97	0	0.0	0.0	0.0				
S135 Pumps	: 13.28	14.88	0	0	0	0	0		(cfs)	
S135 Culve	rts:		0	0.0	0.0					
North West S	hore									
S65E:	20.88	14.93	0	0.0	0.0	0.0	0.0	0.0	0.0	
S65EX1:	20.88	14.93	1211							
S127 Pumps		15.05	0	0	0	0	0	0	(cfs)	
S127 Culve	rt:		0	0.0						
S129 Pumps	: 13.07	15.12	0	0	0	0			(cfs)	
S129 Culve	rt:		0	0.0						
S131 Pumps	: 12.94	15.19	0	0	0				(cfs)	
S131 Culve	rt:		0							
Fisheating	Creek									
nr Palmd	ale	29.07	22							
nr Lakep	ort	0.00								
C5:		-NR-	0	-NR	NF	RNF	-5			
South Shore										
S4 Pumps:	11.21	15.12	0	0	0	0			(cfs)	
S169:	15.15	11.18	0	0.0	0.0	0.0				
s310:	15.07		41							

```
S3 Pumps: 10.90 15.09 0 0 0 0 0 (cfs)
S354: 15.09 10.90 269 0.4 0.5
S2 Pumps: 10.83 15.07 0 0 0 0 0 (cfs)
S351: 15.07 10.83 1074 1.4 1.5 1.4
S352: 15.11 11.06 445 0.7 0.9
C10A: -NR- 13.94 8.0 8.0 8.0 0.0 0.0
                       13.74 227
 L8 Canal PT
                  S351 and S352 Temporary Pumps/S354 Spillway
             10.83
             10.83 15.07 1074 -NR--NR--NR--NR--
11.06 15.11 445 -NR--NR--NR--NR-
10.90 15.09 269 -NR--NR--NR--NR-
  S351:
                       15.07 1074 -NR--NR--NR--NR--NR-
  S352:
  S354:
Caloosahatchee River (S77, S78, S79)
  S47B: 13.69 11.14
                                       0.0 0.0
                       11.18 48 6.5
  S47D:
             11.19
  S77:
   Spillway and Sector Flow:
              Flow Due to Lockages+: 9
 S77 Below USGS Flow Gage
                              1323
  S78:
   Spillway and Sector Flow:
              11.09 2.92 692 0.0 0.0 0.0 1.5
                               -NR-
  Flow Due to Lockages+:
 S79:
   Spillway and Sector Flow:
            -NR- -NR- -NR- 0.0 0.0 1.0 1.0 1.0 0.0
   Flow Due to Lockages+:
                                -NR-
   Percent of flow from S77
                                -NR-%
                (ppm)
   Chloride
                                 -N
St. Lucie Canal (S308, S80)
    Spillway and Sector Flow:
              14.94 13.77 0.00 0.0 0.0 0.0 0.0
                                3
  Flow Due to Lockages+:
            18.90 13.57 0
  S308 Below USGS Flow Gage
                                  0 0.0 0.0
  S153:
  S80:
   Spillway and Sector Flow:
   13.86 0.79 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 30
   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	ind
Daily Precipitation Totals Speed	1-Day	3-Day	7-Day	Directio	on
Specu	(inches)	(inches)	(inches)	(Degø)	
(mph)	(====== ,	(=======,	(======,	(==5,=7	
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	111	6
S78:	0.00	0.00	0.01	84	3
S79:	-NR-	0.00	0.00	-NR-	-NR-
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	81	2
S80:	0.00	0.00	0.00	118	3
Okeechobee Average	0.00	0.00	0.00		
(Sites S78, S79 and	S80 not inc	:luded)			
Oke Nexrad Basin Avg	0.00	0.00	0.04		

<u> </u>		
Okeechobee Lake Elevations	18 FEB 2018	15.08 Difference from
18FEB18		
18FEB18 - 1 Day =	17 FEB 2018	15.11 0.03
18FEB18 - 2 Days =	16 FEB 2018	15.13 0.05
18FEB18 -3 Days =	15 FEB 2018	15.14 0.06
18FEB18 - 4 Days =	14 FEB 2018	15.14 0.06
18FEB18 -5 Days =	13 FEB 2018	15.16 0.08
18FEB18 -6 Days =	12 FEB 2018	15.18 0.10
18FEB18 - 7 Days =	11 FEB 2018	15.19 0.11
18FEB18 - 30 Days =	19 JAN 2018	15.34 0.26
18FEB18 - 1 Year =	18 FEB 2017	13.53 -1.55
18FEB18 - 2 Year =	18 FEB 2016	16.20 1.12

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 2.44

Lake Okeechobee Net Inflow (LONIN)

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		Aver	age Flor	v ove	er the	previous	14 days	Avg-Daily Flow
18FEB18	Toda	y =	18	FEB	2018	615	MON	-3245
18FEB18	-1 Day	=	17	FEB	2018	1172	SUN	-928
18FEB18	-2 Day	s =	16	FEB	2018	935	SAT	1358
18FEB18	-3 Day	s =	15	FEB	2018	688	FRI	2858
18FEB18	-4 Day	s =	14	FEB	2018	507	THU	-860
18FEB18	-5 Day	s =	13	FEB	2018	338	WED	-834
18FEB18	-6 Day	s =	12	FEB	2018	-200	TUE	339
18FEB18	-7 Day	s =	11	FEB	2018	65	MON	424
18FEB18	-8 Day	s =	10	FEB	2018	330	SUN	-2047
18FEB18	-9 Day	s =	09	FEB	2018	546	SAT	4312
18FEB18	-10 Day	s =	08	FEB	2018	93	FRI	-404
18FEB18	-11 Day	s =	07	FEB	2018	-358	THU	-NR-
18FEB18	-12 Day	s =	06	FEB	2018	-223	WED	-947
18FEB18	-13 Day	s =	05	FEB	2018	176	TUE	7968
_								
_				9.6	55E			
			Average			previous	14 days	Avg-Daily Flow
18FEB18	Tod		_		2018	DIEVIOUS 0	MON	Avg Daily Flow
1000010	-1 Day	-			2010	0	_	

					Se	55E			
				Average	Flov	over	previous	14 days	Avg-Daily Flow
18FEB18		Today	<i>y</i> =	18	FEB	2018	0	MON	0
18FEB18	-1	Day	=	17	FEB	2018	0	SUN	0
18FEB18	-2	Days	=	16	FEB	2018	0	SAT	0
18FEB18	-3	Days	=	15	FEB	2018	0	FRI	0
18FEB18	-4	Days	=	14	FEB	2018	0	THU	0
18FEB18	-5	Days	=	13	FEB	2018	0	WED	0
18FEB18	-6	Days	=	12	FEB	2018	0	TUE	0
18FEB18	-7	Days	=	11	FEB	2018	0	MON	0
18FEB18	-8	Days	=	10	FEB	2018	0	SUN	0
18FEB18	-9	Days	=	09	FEB	2018	0	SAT	0
18FEB18	-10	Days	=	8 0	FEB	2018	0	FRI	0
18FEB18	-11	Days	=	07	FEB	2018	0	THU	0
18FEB18	-12	Days	=	06	FEB	2018	0	WED	0
18FEB18	-13	Days	=	05	FEB	2018	0	TUE	0

					Se	55EX1				
				Average			previous	14 days	Avg-Daily	Fl
18FEB18		Today	<i>7</i> =	18	FEB		1017	MON	1211	
18FEB18	-1	Day	=	17	FEB	2018	1002	SUN	1123	
18FEB18	-2	Days	=	16	FEB	2018	989	SAT	1181	
18FEB18	-3	Days	=	15	FEB	2018	969	FRI	1038	
18FEB18	-4	Days	=	14	FEB	2018	960	THU	972	
18FEB18	-5	Days	=	13	FEB	2018	956	WED	934	
18FEB18	-6	Days	=	12	FEB	2018	949	TUE	931	
18FEB18	-7	Days	=	11	FEB	2018	939	MON	925	
18FEB18	-8	Days	=	10	FEB	2018	935	SUN	945	
18FEB18	-9	Days	=	09	FEB	2018	915	SAT	1000	
18FEB18	-10	Days	=	8 0	FEB	2018	891	FRI	1020	
18FEB18	-11	Days	=	07	FEB	2018	867	THU	1004	
18FEB18	-12	Days	=	06	FEB	2018	846	WED	942	
18FEB18	-13	Days	=	05	FEB	2018	829	TUE	1009	

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Lake Okeechobee Outlets Last 14 Days

DATE (AC-FT) 18 FEB 2018 2473 17 FEB 2018 3062 16 FEB 2018 704 14 FEB 2018 1249 13 FEB 2018 1194 12 FEB 2018 837 11 FEB 2018 2484 10 FEB 2018 2504 09 FEB 2018 2482 08 FEB 2018 19 07 FEB 2018 19 06 FEB 2018 18	Below S-77 Discharge (ALL-DAY) (AC-FT) 2623 2742 1369 835 1926 1330 955 1577 1060 589 46 97 180	Discharge (ALL DAY) (AC-FT) -NR- 2232 1006 389 1339 551 699 1808 2089 1493 47 355 338	S-79 Discharge (ALL DAY) (AC-FT) -NRNR- 157 317 397 1664 2318 2806 1943 76 400 986	
05 FEB 2018 412	329	851	1288	
S-310 Discharge (ALL DAY) DATE (AC-FT) 18 FEB 2018 81 17 FEB 2018 106 16 FEB 2018 44 15 FEB 2018 60 14 FEB 2018 54 13 FEB 2018 53 12 FEB 2018 24 11 FEB 2018 24 11 FEB 2018 30 10 FEB 2018 -28 09 FEB 2018 8 08 FEB 2018 19 07 FEB 2018 36 06 FEB 2018 16	(ALL DAY) (AC-FT) -NRNRNRNRNRNRNRNR	(ALL DAY) (AC-FT) 773 976 1309 1261 1275 1261 704 297 379 266 456 153 4	S-354 Discharge (ALL DAY) (AC-FT) 470 512 861 738 736 976 680 559 575 333 17 200 186	(ALL DAY) (AC-FT) 450 452 454 449 454 454 451 461 470 445 -NR- 369
05 FEB 2018 -10	-NR-	48	178	370
S-308 Discharge (ALL DAY) DATE (AC-FT) 18 FEB 2018 7 17 FEB 2018 11 16 FEB 2018 7	Below S-308 Discharge (ALL-DAY) (AC-FT) 188 -4	Discharge (ALL-DAY) (AC-FT) 59 79		
	-81 -146	66 51		
15 FEB 2018 5 14 FEB 2018 6	90	68		
13 FEB 2018 4	18	53		
12 FEB 2018 4	-8	295		
11 FEB 2018 4	-192	70		
10 FEB 2018 5	26	64		
09 FEB 2018 4	269	44		
08 FEB 2018 4	-97	57		
07 FEB 2018 7	-110	64		
06 FEB 2018 5	138	48		

05 FEB 2018 4 -NR- 60

*** 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

* 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.

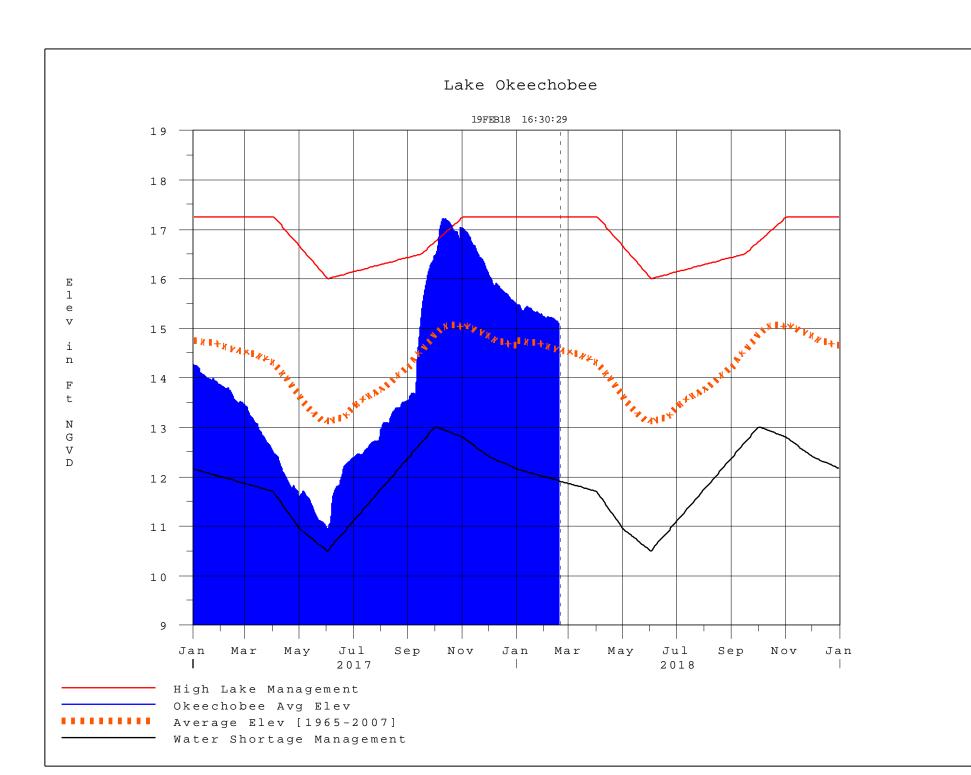
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations

++ 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 19FEB2018 @ 16:15 ** 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