Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 12/17/2018 (ENSO Neutral 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		roley's ethod ^{1*}	SFWMD Empirical Method ²		Neutr	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 (Dec- May)	N/A	N/A	0.43	Dry	1.29	Normal	-0.30	Dry
Multi Seasonal (Dec- Oct)	N/A	N/A	3.10	Wet	4.05	Wet	2.20	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:

- **-712 cfs** 14-day running average for Lake Okeechobee Net Inflow through 12/17/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-2.07** for Palmer Index on 12/15/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 12/17/2018

Lake Okeechobee Stage: 12.79 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	17.25	
	High sub-band	16.88	
Operational Band	Intermediate sub-band	16.25	
	Low sub-band	14.24	
Base Flow sub-ba	nd	12.67	← 12.79
Beneficial Use sub	o-band	12.28	
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-79 Up to 450 cfs & S-80 Up to 200 cfs.

Adaptive Protocol's Release Guidance: Caloosahatchee Estuary

Release Guidance Flow Chart Outcome: No releases.

Back to Lake Okeechobee Operations Main Page

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

LORS2008 Implementation on 12/17/2018 (ENSO Neutral Condition):

Status for week ending 12/17/2018:

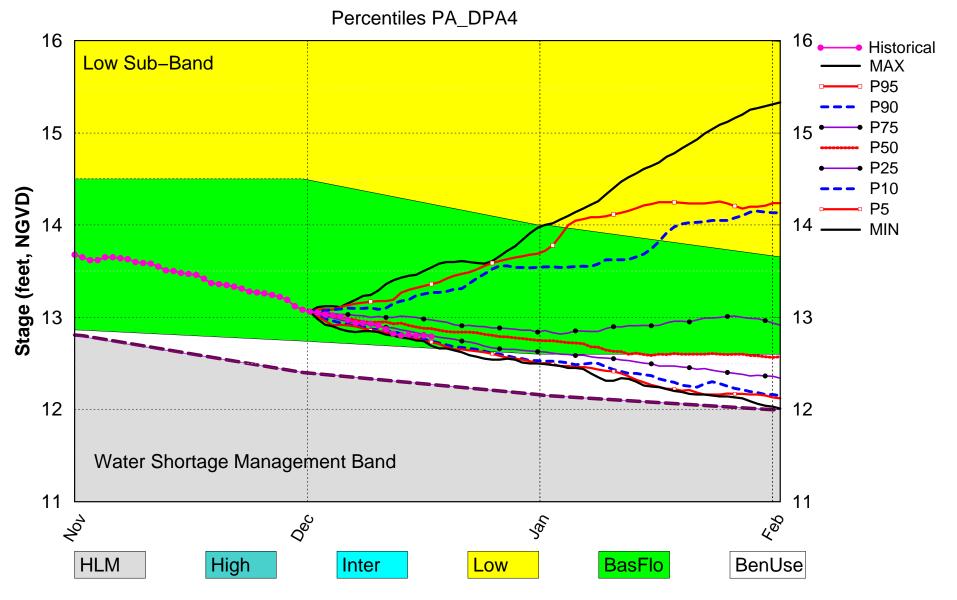
District wide, Raindar rainfall was 0.36 inches for the week. Lake stage on 12/17/2018 was 12.79 ft, NGVD, down 0.12 ft from last week .The updated December 2018 SFWMM Dynamic Position Analysis percentile graph for Lake Okeechobee show that the current lake stage is in the Base Flow Sub-band. The LORS2008 Tributary Hydrologic Condition (THC) is classified as **Dry.** The PDSI indicates dry conditions 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	Beneficial Use Sub-Band	Н
	Palmer Index for LOK Tributary Conditions	-2.07 (Extremely Dry)	Н
	CPC Precipitation Outlook	1 month: Above Normal	L
LOK	CFC Frecipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.29 ft (Normal)	L
	LOK Multi-Seasonal Net Inflow Outlook	4.09 ft (Wet)	L
	ENSO Forecast (positive) WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Line 1- Line 2 (16.25 ft)	M
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.24 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.51 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

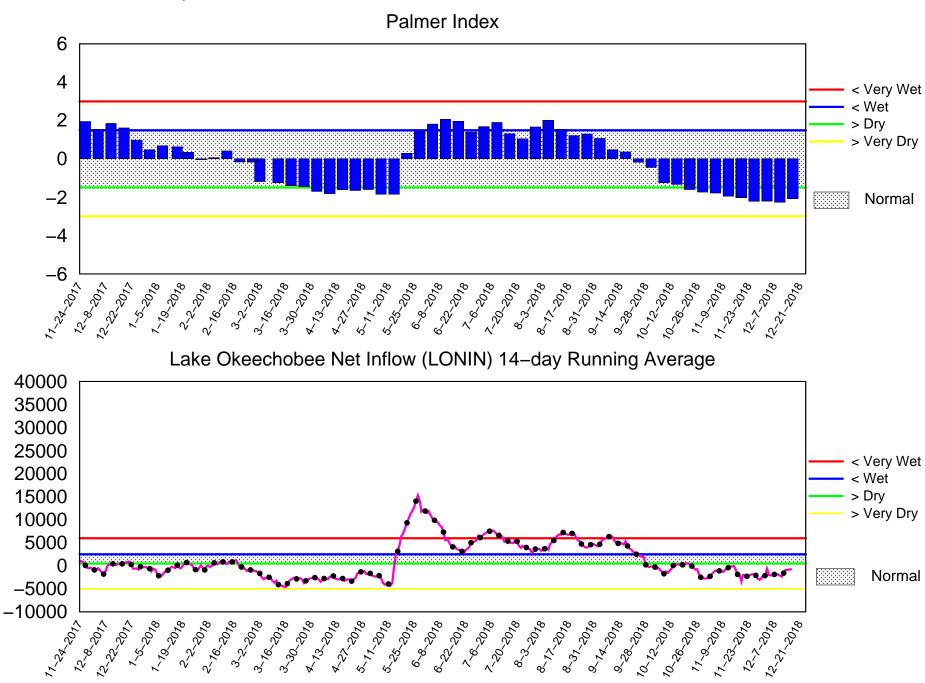
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM Dec 2018 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of December 17 2018

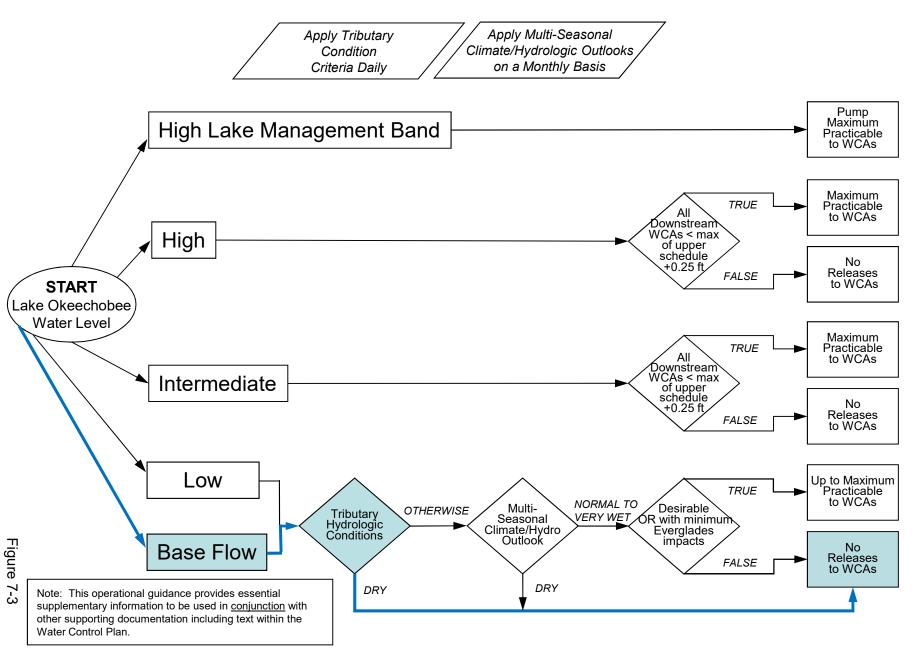


Flow (cfs)

Mon Dec 17 13:14:06 EST 2018

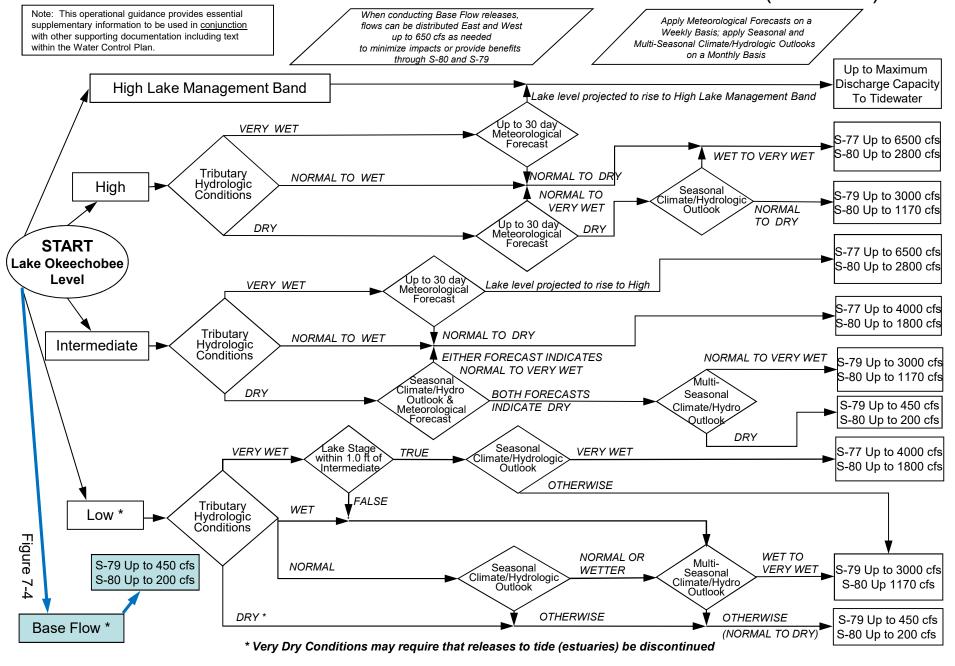
2008 LORS

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

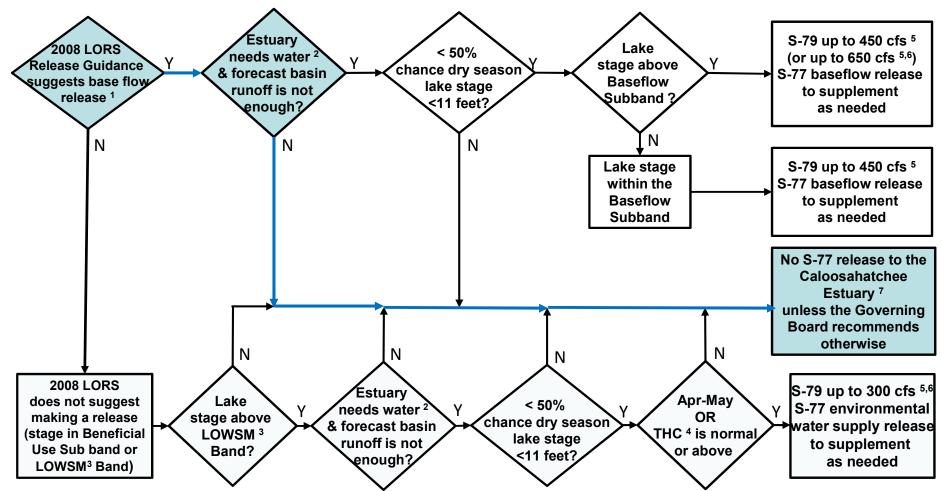


2008 LORS

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



Flowchart to Guide Recommendations for Lake Okeechobee Releases to the Caloosahatchee Estuary for 2008 LORS Baseflow & for Environmental Water Supply (revised 9-Aug-2012)



¹The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands.

²Estuary "needs" water when the 30-day moving average salinity at I-75 bridge is projected to exceed 5 practical salinity units (psu) within 2 weeks.

³LOWSM = Lake Okeechobee Water Shortage Management.

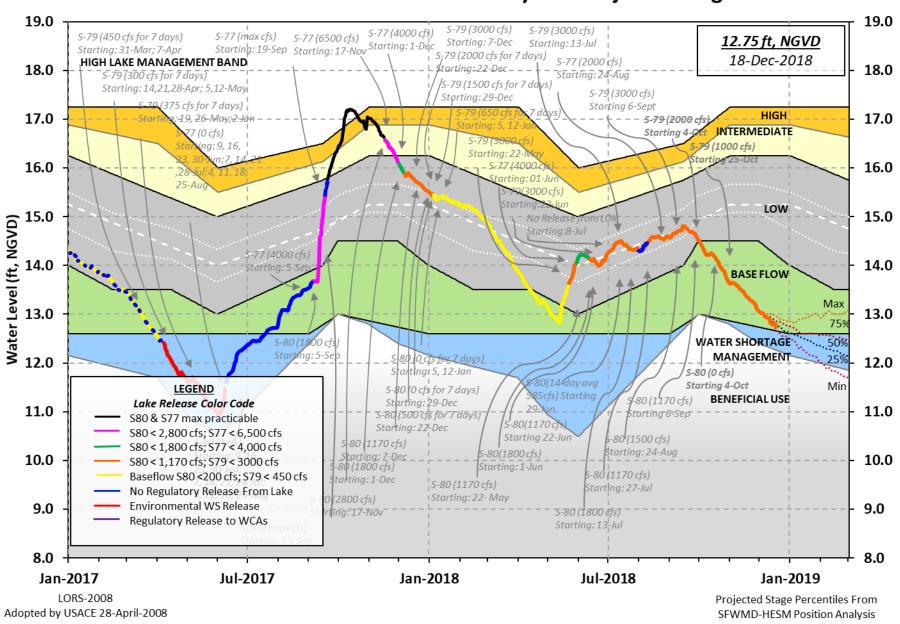
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

⁵Can release less than the "up to" limit if lower release is sufficient to reach or sustain desired estuary salinity; cfs = cubic feet per second.

⁶After reviewing conditions in Water Conservation Areas (WCAs), Stormwater Treatment Areas (STAs), ENP, St. Lucie Estuary and Lake Okeechobee.

⁷Should this condition be reached, the Governing Board will be briefed at their next regularly scheduled meeting as part of the State of the Water Resources agenda item.

Lake Okeechobee Water Level History and Projected Stages



Data Ending 2400 hours 16 DEC 2018

Okeechobee Lake F	Regulatio			Year 2YRS Ago	
*0keechobee Lak	ce Elevat			GVD) (ft-NGVD) .75 14.55 (Of	ficial Elv)
		mt= 17.25 Top o il Management Bar		Short Mngmt= 12.	28
Simulated Avera Difference from		2008 [1965-2000] 2 LORS2008	13.62 -0.84		
16DEC (1965-200 Difference from		od of Record Aver Prage	_	1. 72 .93	
Today Lake Oke	chobee e	elevation is dete	ermined f	om the 4 Int &	4 Edge stati
	pth (Bas	ed on 2008 Chanr		tion Survey) Rou tion Survey) Rou	
4 Interior and 4	Edge Oke	echobee Lake Ave	erage (Av	g-Daily values):	
L001 L005 L				S133 9 12.72	
*Combination Oke	echobee	Avg-Daily Lake	Average :	= 12.79 (*See Note)	
Okeechobee Inflow	ıs (cfs):				
S65E	138	S65EX1	97	Fisheating Cr	
C4 F 4	_	5404		_	
S154	0	S191	0	S135 Pumps	0
S84	5	S133 Pumps	0	S135 Pumps S2 Pumps	0 0
S84 S84X	5 0	S133 Pumps S127 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps	0 0 0
S84 S84X S71	5 0 0	S133 Pumps S127 Pumps S129 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
S84 S84X S71 S72	5 0	S133 Pumps S127 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps	0 0 0
S84 S84X S71 S72 Total Inflows:	5 0 0 0 243 ows (cfs)	S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflo	5 0 0 243 ows (cfs)	S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts	5 0 0 243 0ws (cfs) 0 5	S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0 2 2 3 3 9 3 9 7	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts	5 0 0 243 Dws (cfs) 0 5 0	\$133 Pumps \$127 Pumps \$129 Pumps \$131 Pumps \$131 Pumps \$354 \$351 \$352	0 0 0 0 0 295 397 545	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts	5 0 0 243 0ws (cfs) 0 5	S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0 2 2 3 3 9 3 9 7	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure	5 0 0 243 0ws (cfs) 0 5 0 6 2429	S133 Pumps S127 Pumps S129 Pumps S131 Pumps : : : : : : : : : : : : : : : : : :	0 0 0 0 295 397 545 167	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure ****S308 structure Okeechobee Pan Ex	5 0 0 243 0 0 5 0 6 2429 e flow is	S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt : being used to con (inches):	0 0 0 0 295 397 545 167	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0
S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure ****S308 structure Okeechobee Pan Exercise	5 0 0 243 0ws (cfs) 0 5 0 6 2429 e flow is re flow i	S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt s being used to cost being used to	0 0 0 0 0 295 397 545 167 compute To	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0

Evaporation - Precipitation: = 0.12" = 0.01'

Evaporation - Precipitation using Lake Area of 730 square miles is equal to 2429 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -1966 cfs or -3900 AC-FT

Headwater Tailwater ----- Gate Positions -----Elevation Elevation Disch #1 #2 #3 #4 #5 #6 #7 #8 (ft-msl) (ft-msl) (cfs) (ft) (ft) (ft) (ft) (ft) (ft) (ft) (I) see note at bottom North East Shore S133 Pumps: 12.54 12.40 0 0 0 0 0 0 (cfs) S193: S191: 17.80 12.40 0 0.0 0.0 0.0 S135 Pumps: 12.64 12.54 0 0 0 0 (cfs) S135 Culverts: 0 0.0 0.0 North West Shore 138 S65E: 12.12 0.2 0.0 0.0 0.0 0.0 0.0 21.10 S65EX1: 21.10 12.12 97 S127 Pumps: 12.79 12.47 0 0 0 0 (cfs) S127 Culvert: 5 1.0 S129 Pumps: 13.27 12.93 0 0 0 0 (cfs) S129 Culvert: 0 0.0 S131 Pumps: 12.78 12.57 0 0 0 (cfs) S131 Culvert: 6 Fisheating Creek nr Palmdale 28.10 2 nr Lakeport C5: -NR--NR- -NR- -NR-South Shore S4 Pumps: 11.26 12.97 0 0 0 a (cfs) 13.03 S169: 11.25 0 0.0 0.0 0.0 12.89 S310: 15 S3 Pumps: 11.04 13.17 0 0 0 (cfs) 13.17 11.04 295 1.0 1.0 S354: S2 Pumps: 11.09 - NR -0 0 0 0 0 (cfs) S351: -NR-11.09 397 0.9 1.1 0.9 S352: 11.15 545 1.1 1.1 C10A: -NR-13.09 8.0 8.0 8.0 0.0 0.0 L8 Canal PT 12.87 167 S351 and S352 Temporary Pumps/S354 Spillway -NR--NR--NR--NR--NR-S351: 11.09 -NR-397 S352: 11.15 545 -NR - -NR - -NR - -NR -S354: 11.04 13.17 295 -NR - -NR - -NR - -NR -Caloosahatchee River (S77, S78, S79)

0.0 0.0

6.5

13.98

11.16

11.10

11.17

-40

S47B:

S47D:

```
S77:
   Spillway and Sector Preferred Flow:
                                 1190 0.0 3.5 3.5 0.0
              12.75
                        11.06
   Flow Due to Lockages+:
                                    2
 S78:
   Spillway and Sector Flow:
                       2.86
                                 1040
                                         1.0 2.5 0.0 0.0
              10.96
   Flow Due to Lockages+:
                                   12
 S79:
   Spillway and Sector Flow:
                                 1348
                                         0.0 1.0 1.0 1.0 1.0 1.0 0.0 0.0
               3.00
                         1.65
   Flow Due to Lockages+:
                                    8
   Percent of flow from S77
                                   88%
   Chloride
                       (ppm)
                                 55
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              12.85
                        12.89
                                 -178 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                    0
 S153:
              18.92
                        12.64
                                    0
                                         0.0 0.0
 S80:
   Spillway and Sector Flow:
              12.92
                                    0
                                         0.0 0.0 0.0 0.0 0.0 0.0 0.0
                         0.18
   Flow Due to Lockages+:
                                   21
   Percent of flow from S308
                               NA %
                              (mg/ml) ****
 Steele Point Top Salinity
 Steele Point Bottom Salinity (mg/ml) ****
                              (mg/ml) ****
 Speedy Point Top Salinity
 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.
- ++ Preferred flow is determined from either the spillway discharge or the below flow meter daily

				Wi	nd
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:	0.58	0.58	0.58	341	6
S78:	0.29	0.58	0.58	99	1
S79:	0.41	0.82	-40.01	308	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:	0.08	0.15	-9.39	328	16
S80:	0.15	0.21	0.28	7	2
Okeechobee Average	0.33	0.06	-0.68		

(Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	0.00	0.27	0.27

Okeechobee Lake Elevations	16 DEC 2018	12.79 Differe	ence from 16DEC18
16DEC18 -1 Day =	15 DEC 2018	12.80	0.01
16DEC18 -2 Days =	14 DEC 2018	12.80	0.01
16DEC18 -3 Days =	13 DEC 2018	12.81	0.02
16DEC18 -4 Days =	12 DEC 2018	12.80	0.01
16DEC18 -5 Days =	11 DEC 2018	12.82	0.03
16DEC18 -6 Days =	10 DEC 2018	12.87	0.08
16DEC18 -7 Days =	09 DEC 2018	12.91	0.12
16DEC18 -30 Days =	16 NOV 2018	13.42	0.63
16DEC18 -1 Year =	16 DEC 2017	15.75	2.96
16DEC18 -2 Year =	16 DEC 2016	14.55	1.76

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 2.11

								ow (LONIN)	
		-	Average	: Flo	N OVE	er the	previous	14 days	Avg-Daily Flow
16DEC18	7	Гoday	=	16	DEC	2018	-620	MON	628
16DEC18	-1	Day	=	15	DEC	2018	-719	SUN	2438
16DEC18	-2	Days	=	14	DEC	2018	-781	SAT	291
16DEC18	-3	Days	=	13	DEC	2018	-875	FRI	3971
16DEC18	-4	Days	=	12	DEC	2018	-1543	THU	-1260
16DEC18	-5	Days	=	11	DEC	2018	-2265	WED	-6345
16DEC18	-6	Days	=	10	DEC	2018	-2040	TUE	-4844
16DEC18	-7	Days	=	09	DEC	2018	-1809	MON	-842
16DEC18	-8	Days	=	98	DEC	2018	-1820	SUN	1724
16DEC18	-9	Days	=	07	DEC	2018	-1831	SAT	2956
16DEC18	-10	Days	=	06	DEC	2018	-2017	FRI	-3366
16DEC18	-11	Days	=	05	DEC	2018	-1985	THU	-5568
16DEC18	-12	Days	=	04	DEC	2018	-1912	WED	448
16DEC18	-13	Days	=	03	DEC	2018	-2098	TUE	1086

					Se	55E			
				Average	Flov	v over	previous	14 days	Avg-Daily Flow
16DEC18		Today	/=	16	DEC	2018	44	MON	167
16DEC18	-1	Day	=	15	DEC	2018	32	SUN	218
16DEC18	-2	Days	=	14	DEC	2018	17	SAT	114
16DEC18	-3	Days	=	13	DEC	2018	9	FRI	36
16DEC18	-4	Days	=	12	DEC	2018	6	THU	72
16DEC18	-5	Days	=	11	DEC	2018	1	WED	15
16DEC18	-6	Days	=	10	DEC	2018	0	TUE	0
16DEC18	-7	Days	=	09	DEC	2018	0	MON	0
16DEC18	-8	Days	=	98	DEC	2018	0	SUN	0
16DEC18	-9	Days	=	07	DEC	2018	0	SAT	0
16DEC18	-10	Days	=	06	DEC	2018	0	FRI	0
16DEC18	-11	Days	=	05	DEC	2018	0	THU	0
16DEC18	-12	Days	=	04	DEC	2018	0	WED	0
16DEC18	-13	Days	=	03	DEC	2018	0	TUE	0

		S65EX1				
		Average Flow over	previous	14 days		Avg-Daily Flow
16DEC18	Today=	16 DEC 2018	233	MON		97
16DEC18	-1 Day =	15 DEC 2018	249	SUN		0
16DEC18	-2 Davs =	14 DEC 2018	270	SAT	- 1	166

16DEC18	-3	Days	=	13	DEC	2018	277	FRI	198
16DEC18	-4	Days	=	12	DEC	2018	276	THU	214
16DEC18	-5	Days	=	11	DEC	2018	285	WED	261
16DEC18	-6	Days	=	10	DEC	2018	292	TUE	278
16DEC18	-7	Days	=	09	DEC	2018	297	MON	309
16DEC18	-8	Days	=	98	DEC	2018	298	SUN	280
16DEC18	-9	Days	=	07	DEC	2018	301	SAT	221
16DEC18	-10	Days	=	06	DEC	2018	308	FRI	247
16DEC18	-11	Days	=	05	DEC	2018	314	THU	364
16DEC18	-12	Days	=	04	DEC	2018	311	WED	347
16DEC18	-13	Days	=	03	DEC	2018	309	TUE	275

Lake Okeechobee Outlets Last 14 Days

	S-77	Below S-77	S-78	S-79	
D		Discharge	Discharge	Discharge	
	ALL DAY)		(ALL DAY)	(ALL DAY)	
DATE	(AC-FT)	`(AC-FT)´	`(AC-FT)	`(AC-FT)´	
16 DEC 2018	2361	2317	2086	2693	
15 DEC 2018	2452	2334	2079	3473	
14 DEC 2018	1661	1316	1472	2336	
13 DEC 2018	244	210	319	166	
12 DEC 2018	1240	910	318	773	
11 DEC 2018	2419	1904	822	1613	
10 DEC 2018	2426	2233	1809	2252	
09 DEC 2018	3081	2876	2034	2707	
08 DEC 2018	3622	3242	2065	4018	
07 DEC 2018	2634	1418	- NR -	2770	
06 DEC 2018	1218	865	357	374	
05 DEC 2018	1115	923	1174	1448	
04 DEC 2018	1903	1988	1535	1971	
03 DEC 2018	2950	2699	1980	2385	
	S-310	S-351	S-352	S-354	L8 Canal Pt
	ischarge	Discharge	Discharge		Discharge
(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
16 DEC 2018	30	787	-NR -	438	330
15 DEC 2018	31	603	-NR -	-NR -	312
14 DEC 2018	55	1104	-NR -	230	226
13 DEC 2018	83	1750	-NR -	478	289
12 DEC 2018	131	2016	-NR -	605	344
11 DEC 2018	152	1884	-NR -	490	365
10 DEC 2018	96	1417	-NR -	313	371
09 DEC 2018	17	1230	-NR -	369	327
08 DEC 2018	85	1691	-NR -	563	342
07 DEC 2018	132	2090	-NR-	656	407
06 DEC 2018	105	1933	-NR-	599	375
05 DEC 2018	157	1833	-NR-	434	407
04 DEC 2018	75 70	1375	-NR -	440	406
03 DEC 2018	78	1589	821	448	411
	S-308	Below S-30	8 S-80		
r	ischarge	Discharge		0	
	ALL DAY)	(ALL-DAY)	(ALL-DAY		
DATE	(AC-FT)	(AC-FT)	(AC-FT)	,	
16 DEC 2018	-314	-201	41		
15 DEC 2018	-339	-231	49		
14 DEC 2018	-222	86	27		
13 DEC 2018	-305	270	30		
12 DEC 2018	-301	74	30		
11 DEC 2018	-169	19	27		
	- -	==	=-		

10	DEC	2018	-101	6	38
09	DEC	2018	-1	-22	28
80	DEC	2018	-167	250	41
07	DEC	2018	1	170	41
06	DEC	2018	0	116	40
05	DEC	2018	-320	-197	31
04	DEC	2018	-232	-21	32
03	DEC	2018	-156	-90	46

*** 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.

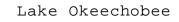
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

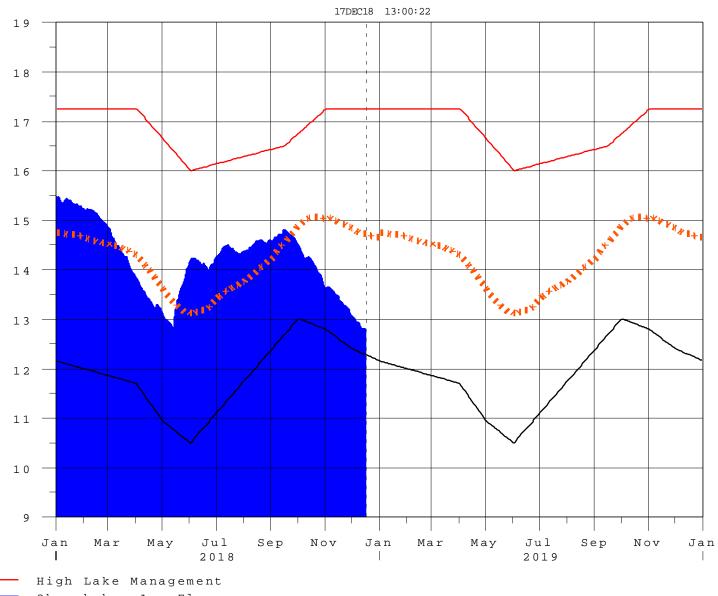
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations

++ 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 17DEC2018 @ 23:38 ** Preliminary Data - Subject to Revision **





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

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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
	2000	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