Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 12/02/2019 (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		Croley's Method ^{1*}		- Empirical		Sub-sampling of Neutral ENSO Years ³		Sub-sampling of AMO Warm + Neutral ENSO Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	
Current (Nov- Apr)	N/A	N/A	0.36	Dry	0.71	Dry	1.70	Wet	
Multi Seasonal (Nov- Oct)	N/A	N/A	3.03	Wet	3.39	Wet	5.55	Very Wet	

^{*}Croley's Method Not Produced for This Report

See <u>Seasonal</u> and <u>Multi-Seasonal</u> tables for the classification of Lake Okeechobee Outlooks.

The recommended methods and values for estimating the Lake Okeechobee Net Inflow Outlook are shaded and should be used in the LORS2008 Release Guidance Flow Charts.

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

Tributary Hydrologic Conditions Graph:

- **-747 cfs** 14-day running average for Lake Okeechobee Net Inflow through 12/01/2019. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-1.76** for Palmer Index on 11/30/2019. 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 12/02/2019

Lake Okeechobee Stage: 13.09 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechobee Management Zone/Band		Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Management Band		17.25	
	High sub-band	16.88	
Operational Band	Intermediate sub-band	16.25	
	Low sub-band	14.48	
Base Flow sub-band		12.73	← 13.09
Beneficial Use sub-band		12.39	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCA's

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.

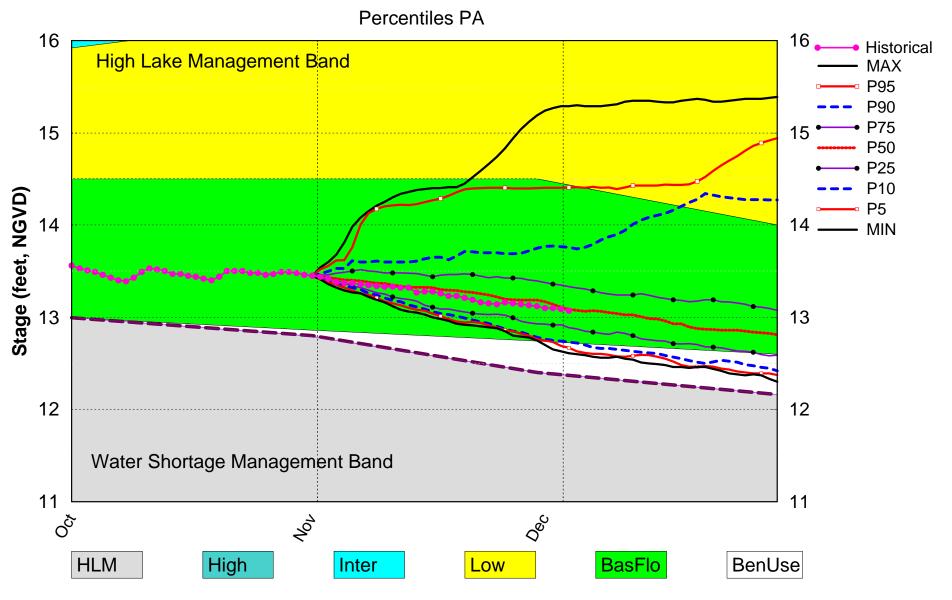
Adaptive Protocol's Release Guidance: Caloosahatchee Estuary

Release Guidance Flow Chart Outcome: S-79 Up to 450 cfs & S-77 baseflow release to supplement as needed.

Back to Lake Okeechobee Operations Main Page

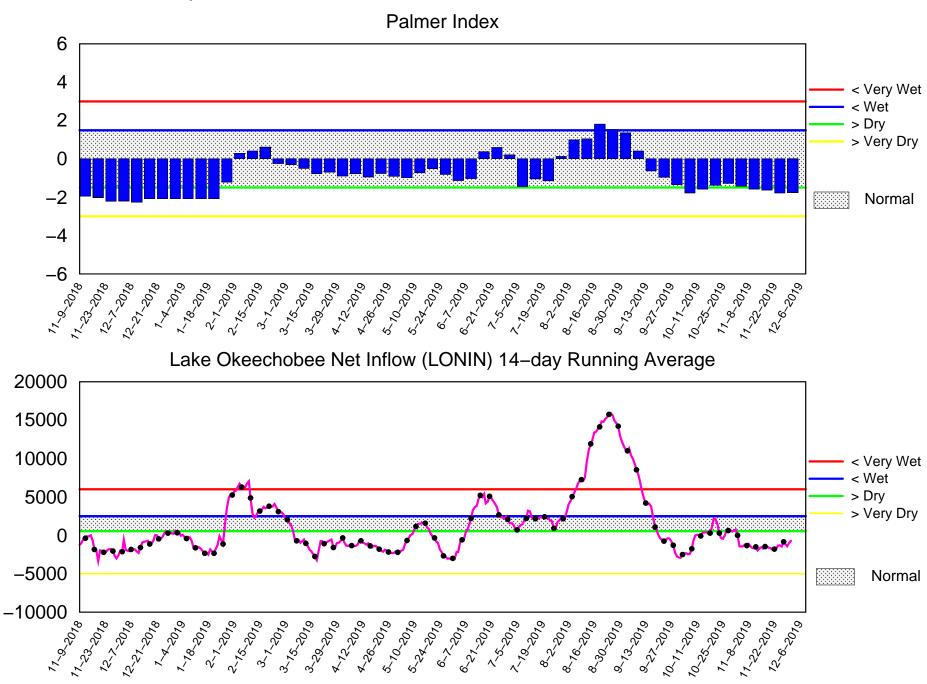
Back to U.S. Army Corps of Engineers LORSS Homepage

Lake Okeechobee SFWMM Nov 2019 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of December 2 2019



Mon Dec 02 16:45:00 EST 2019

Flow (cfs)

LORS2008 Implementation on 12/02/2019 (ENSO Neutral Condition):

Status for week ending 12/02/2019:

District wide, Raindar rainfall was 0.04 inches for the week. Lake stage on 12/02/2019 was 13.09 ft, NGVD, down 0.07 ft from last week. The updated November 2019 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 Conditions (THC) are classified as **Dry.** The PDI indicates Dry conditions and the LONIN is Dry. The THC classification is based on the wetter of the two indices.

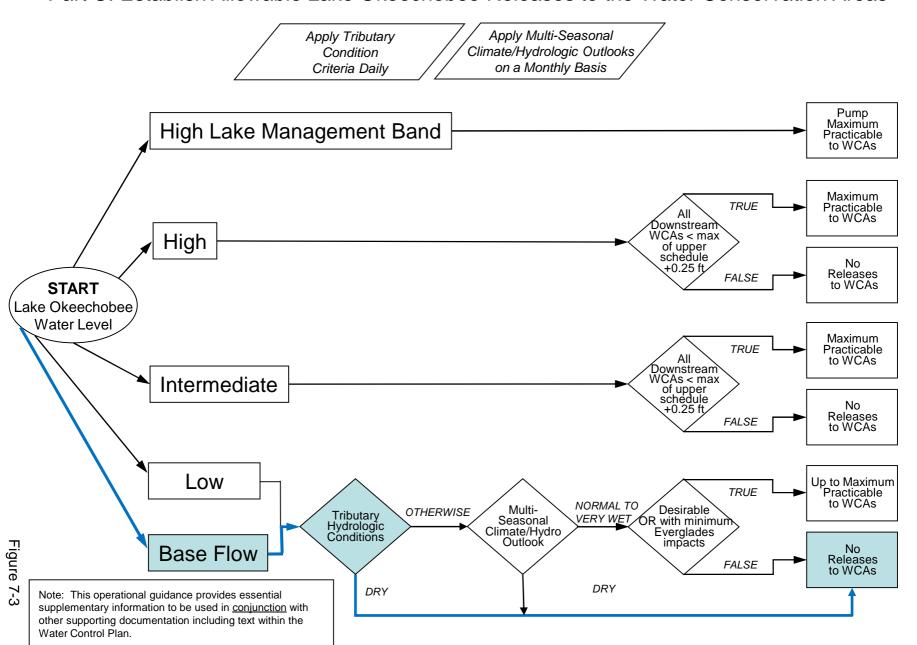
Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Base-Flow Sub-Band	M
	Palmer Index for LOK Tributary Conditions	-1.76 (Dry)	M
	CDC Precipitation Outlook	1 month: Below Normal	M
LOK	CPC Precipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	0.71 ft (Dry)	M
	LOK Multi-Seasonal Net Inflow Outlook	3.39 ft (Wet)	L
	ENSO Forecast (positive)	(VVCt)	
	WCA 1: 3 Station Average (Site 1-7, Site 1-8T & Site 1-9)	Above Line 1 (16.62 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.40ft)	L
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Above Line 1 (9.71 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.

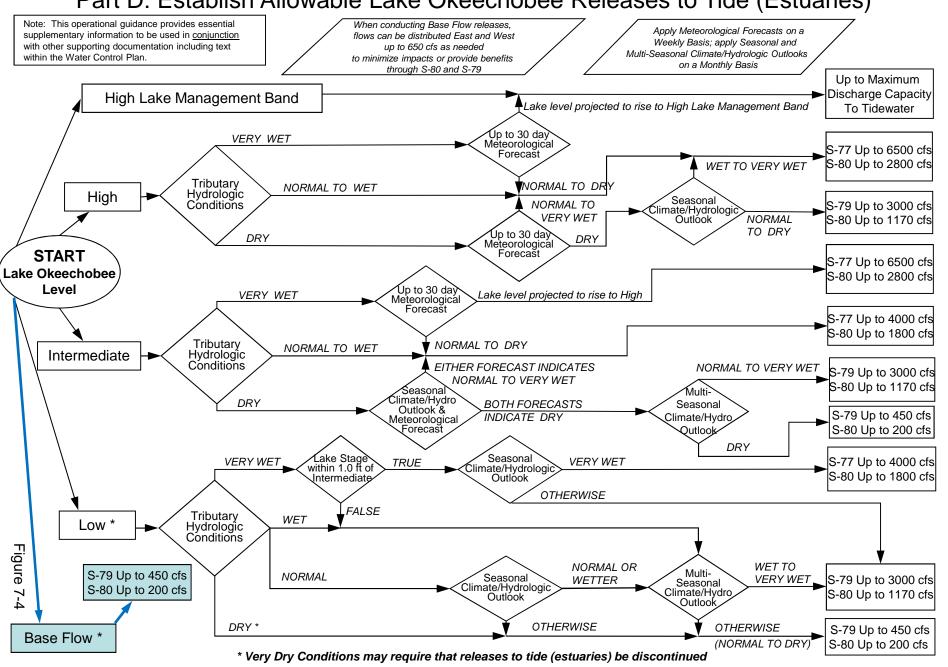
2008 LORS

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

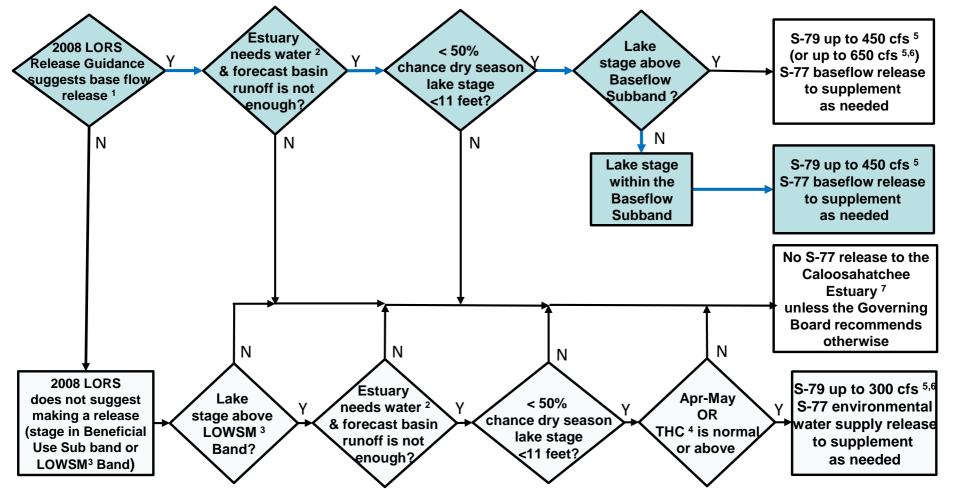


2008 LORS

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.

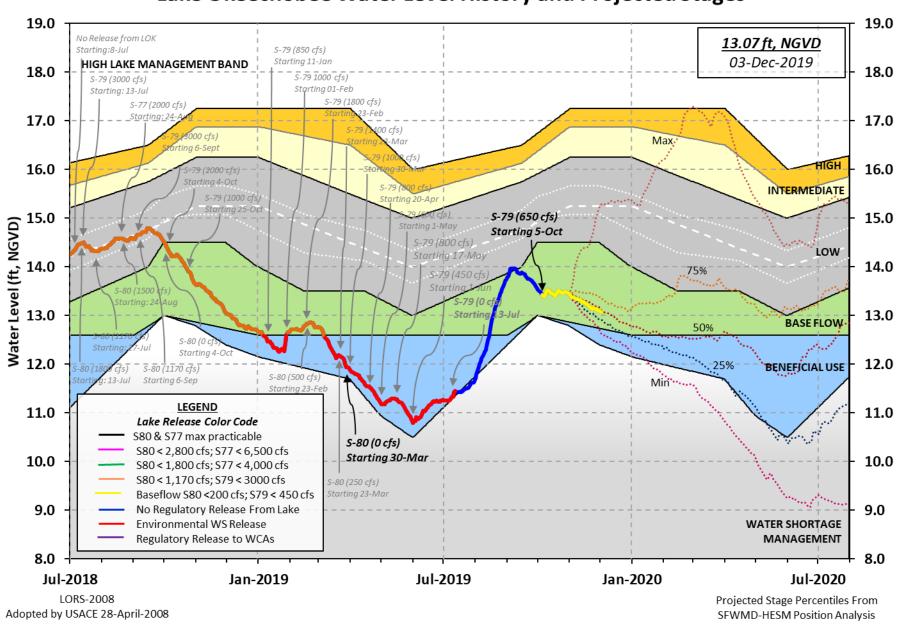
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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 01 DEC 2019

Okeechobee Lake	Regulation	(ft-NGVD)	(ft-NGV	ar 2YRS Ago D) (ft-NGVD)	
	n Lake Mngm	on 13.09 nt= 17.25 Top of Management Bar	of Water Sh		ficial Elv 39
		008 [1965-2000] LORS2008			
01DEC (1965-20 Difference fro		d of Record Aver	rage 14.		
Today Lake Oke stations	eechobee el	evation is dete	ermined fro	m the 4 Int &	4 Edge
++Navigation I	Depth (Base	ed on 2007 Chanr	nel Conditi	on Survey) Rou	te 1 ÷
	Depth (Base	ed on 2008 Chanr	nel Conditi	on Survey) Rou	te 2 ÷
5.23'	_				
Bridge Clearar	1ce = 50.31	_ '			
_					
1 Tobood 1 (l Edera Olaca	ahahaa Taka Arra	4.5		
				Dailtr traling) .	
4 interior and 4	i Eage Okee	echobee Lake Ave	erage (Avg-	Daily values):	
L001 L005	L006 LZ4	10 S4 S352	2 S308	S133	
L001 L005	L006 LZ4		2 S308	S133	
L001 L005 13.12 13.06	L006 LZ4	10 S4 S352 .06 12.97 13.2	2 S308 21 13.09	\$133 13.11	
L001 L005 13.12 13.06	L006 LZ4	10 S4 S352	2 S308 21 13.09	\$133 13.11	
L001 L005 13.12 13.06	L006 LZ4	10 S4 S352 .06 12.97 13.2	2 S308 21 13.09	\$133 13.11	
L001 L005 13.12 13.06	L006 LZ4	10 S4 S352 .06 12.97 13.2	2 S308 21 13.09	\$133 13.11	
L001 L005 13.12 13.06 *Combination Ok	L006 LZ4 13.06 13.	10 S4 S352 .06 12.97 13.2	2 S308 21 13.09	\$133 13.11	
L001 L005 13.12 13.06 *Combination Ok	L006 LZ4 13.06 13. Reechobee	10 S4 S352 .06 12.97 13.2	2	\$133 13.11	
L001 L005 13.12 13.06 *Combination Of	L006 LZ4 13.06 13. Reechobee	10 S4 S352 .06 12.97 13.2 Avg-Daily Lake	2	S133 13.11 13.09 (*See Note)	. 5
L001 L005 13.12 13.06 *Combination Ok Combination Ok Combination Ok Combination Ok Combination Ok	L006 LZ4 13.06 13. seechobee ows (cfs): 300	10 S4 S352 .06 12.97 13.2 Avg-Daily Lake	2	\$133 13.11 13.09 (*See Note)	. 5
L001 L005 13.12 13.06 *Combination Of Combination Of Combin	L006 LZ4 13.06 13. seechobee ows (cfs): 300 0	30 S4 S352 306 12.97 13.2 Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps	2	S133 13.11 13.09 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	· 5 0
L001 L005 13.12 13.06 *Combination Of Combination Of Combin	L006 LZ4 13.06 13. Reechobee Dws (cfs): 300 0	30 S4 S352 306 12.97 13.2 Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	2	S133 13.11 13.09 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	- 5 0 0
L001 L005 13.12 13.06 *Combination Of Combination Of Combin	L006 LZ4 13.06 13. Reechobee Dws (cfs): 300 0 0 0 0	30 S4 S352 306 12.97 13.2 Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps	2 S308 21 13.09 Average =	S133 13.11 13.09 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	5 0 0
L001 L005 13.12 13.06 *Combination Of Combination Of Combin	L006 LZ4 13.06 13. Reechobee Dws (cfs): 300 0 0 0	30 S4 S352 306 12.97 13.2 Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 21 13.09 Average =	S133 13.11 13.09 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	5 0 0 0
L001 L005 13.12 13.06 *Combination Of Combination Of Combin	L006 LZ4 13.06 13. Reechobee DWS (cfs): 300 0 0 0 0 395	S65EX1 S133 Pumps S129 Pumps S131 Pumps	2 S308 21 13.09 Average =	S133 13.11 13.09 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	5 0 0 0
L001 L005 13.12 13.06 *Combination Of Combination Of Combin	L006 LZ4 13.06 13. Reechobee DWS (cfs): 300 0 0 0 0 395	S65EX1 S133 Pumps S129 Pumps S131 Pumps	2 S308 21 13.09 Average =	S133 13.11 13.09 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	5 0 0 0
L001 L005 13.12 13.06 *Combination Of Combination Of Combin	L006 LZ4 13.06 13. Reechobee DWS (cfs): 300 0 0 0 0 395 Lows (cfs):	S65EX1 S133 Pumps S127 Pumps S131 Pumps	2 S308 21 13.09 Average = 90 0 0 0 0	S133 13.11 13.09 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	5 0 0 0 0
L001 L005 13.12 13.06 *Combination Of Combination Of Combin	L006 LZ4 13.06 13. Reechobee DWS (cfs): 300 0 0 0 395 Lows (cfs): 0	30 S4 S352 306 12.97 13.2 Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 21 13.09 Average = 90 0 0 0 0	S133 13.11 13.09 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps C5	5 0 0 0 0 0
L001 L005 13.12 13.06 *Combination Of Combination Of Combin	L006 LZ4 13.06 13. Reechobee Dws (cfs): 300 0 0 0 0 395 Lows (cfs): 0 0	30 S4 S352 306 12.97 13.2 Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 21 13.09 Average = 90 0 0 0 0 0 0 169 499	S133 13.11 13.09 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps C5	5 0 0 0 0 0

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

Okeechobee Pan Evaporation (inches): S77 0.14 S308 0.13

Average Pan Evap x 0.75 Pan Coefficient = 0.10" = 0.01'

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

Evaporation - Precipitation: = 0.10" = 0.01'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 1987 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -2118 cfs or -4200 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 Si	horo	(1) see n	ote at	bott	com				
S133 Pumps S193:		13.27	0	0	0	0	0	0	(cfs)	
S191:	18.53	13.29	0	1.4	0.0	0.0				
S135 Pumps	: 12.67	13.24	0	0	0	0	0		(cfs)	
S135 Culve	rts:		0	0.0	0.0					
Manth Mart C	l									
North West Si	nore 20.91	12.97	300	0.0	0.0	0 0	0.0	0.5	0.0	
S65EX1:		12.97	90	0.0	0.0	0.0	0.0	0.5	0.0	
S127 Pumps		13.14	0	0	0	0	0	0	(cfs)	
S127 Culve			0	0.0					(===,	
S129 Pumps		13.08	0	0	0	0			(cfs)	
S129 Culve	rt:		0	0.0						
S131 Pumps	• 12 97	12.95	0	0	0				(cfs)	
S131 Culve		12.50	0	Ü	O				(015)	
Fisheating										
nr Palmd		28.27	5							
nr Lakep	ort		0				_			
C5:		-NR-	0	-NF	<ΝΙ	RNI	₹−			
South Shore										
S4 Pumps:	11.31	12.84	0	0	0	0			(cfs)	
S169:	12.85	11.32	0	0.0		0.0			. ,	
s310:	12.80		21							

```
      S3 Pumps:
      10.54
      12.83
      0
      0
      0
      0

      S354:
      12.83
      10.54
      169
      0.5
      0.4

      S2 Pumps:
      10.68
      -NR-
      0
      0
      0
      0

      S351:
      -NR-
      10.68
      499
      0.8
      0.6
      0.7

      S352:
      13.21
      10.58
      95
      0.0
      0.0

      C10A:
      -NR-
      13.29
      8.0
      8.0
      8.0
      0.0

      L8 Capal PT
      13.10
      154

                                                                                         (cfs)
                                                                                          (cfs)
                                                       8.0 8.0 8.0 0.0 0.0
                                13.29
13.10 154
  L8 Canal PT
                         S351 and S352 Temporary Pumps/S354 Spillway
                  10.68 -NR- 499 -NR--NR--NR--NR--NR-
10.58 13.21 95 -NR--NR--NR-
10.54 12.83 169 -NR--NR--NR-
  S351:
                 10.68
  S352:
  S354:
Caloosahatchee River (S77, S78, S79)
12.67 0.0 0.0

      S47B:
      12.85
      12.67
      0.0

      S47D:
      12.63
      11.19
      0
      0.0

  S77:
     Spillway and Sector Preferred Flow:
                   12.73 11.09 890 0.0 2.5 2.5 0.5
     Flow Due to Lockages+:
                                               2
  S78:
     Spillway and Sector Flow:
                   11.07 2.77 808 0.5 2.5 0.0 0.0
     Flow Due to Lockages+:
                                               18
  S79:
     Spillway and Sector Flow:
       2.88 1.93 1045 0.0 1.0 0.5 1.0 1.0 1.0
0.0
     Flow Due to Lockages+:
     Percent of flow from S77 85% Chloride (ppm) 0
St. Lucie Canal (S308, S80)
  S308:
     Spillway and Sector Preferred Flow:
                    13.14 13.19 39 0.0 0.0 0.0 0.0
     Flow Due to Lockages+:
                                                 0
  S153: 18.87 12.99 0 0.0 0.0
  S80:
     Spillway and Sector Flow:
     13.29 0.78 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 25
     Percent of flow from S308 NA %
  Steele Point Top Salinity (mg/ml) ****
  Steele Point Bottom Salinity (mg/ml) ****
  Speedy Point Top Salinity (mg/ml) 1217
  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
1-Day	3-Day	7-Day	Directio	n
(inches)	(inches)	(inches)	(Degø)	
-NR-	0.00	0.00		
-NR-	0.00	0.00	-NR-	-NR-
-NR-	0.00	0.00		
-NR-	0.00	0.00		
-NR-	0.00	0.00		
-NR-	0.00	0.00		
-NR-	0.00	0.00		
0.00	0.00	0.00	205	11
0.00	0.00	0.01	203	5
0.00	0.00	0.00	184	4
-NR-	0.00	0.00		
-NR-	0.00	0.00		
-NR-	0.00	0.00		
-NR-	0.00	0.00		
0.00	0.00	0.00	221	15
0.00	0.00	0.00	223	5
0.00	0.00	0.00		
S80 not inc	luded)			
0.00	0.00	0.00		
	(inches) -NRNRNRNRNRNRNR- 0.00 0.00 0.00 -NRNRNRNRNR- 0.00 0.00 0.00 S80 not inc	(inches) (inches) -NR- 0.00 0.00 0.00 0.00 0.00 0.00 0.00 -NR- 0.	(inches) (inches) (inches) -NR-	1-Day 3-Day 7-Day Direction (inches) (inches) (inches) (Degø) -NR- 0.00 0.00 -NRNR- 0.00 0.00 0.00 -NR- 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0

Okeechobee Lake Elevations 01DEC19	01 DEC 2019	13.09 Differe	ence from
01DEC19 -1 Day =	30 NOV 2019	13.10	0.01
01DEC19 -2 Days =	29 NOV 2019	13.10	0.01
01DEC19 -3 Days =	28 NOV 2019	13.12	0.03
01DEC19 -4 Days =	27 NOV 2019	13.13	0.04
01DEC19 -5 Days =	26 NOV 2019	13.14	0.05
01DEC19 -6 Days =	25 NOV 2019	13.15	0.06
01DEC19 -7 Days =	24 NOV 2019	13.16	0.07
01DEC19 -30 Days =	01 NOV 2019	13.44	0.35
01DEC19 -1 Year =	01 DEC 2018	13.05	-0.04
01DEC19 -2 Year =	01 DEC 2017	-NR-	-NR-

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 2.38

```
      01DEC19
      Today =
      01 DEC 2019
      -301 MON
      |

      01DEC19
      -1 Day =
      30 NOV 2019
      -771 SUN
      |

      01DEC19
      -2 Days =
      29 NOV 2019
      -1275 SAT
      |

      01DEC19
      -3 Days =
      28 NOV 2019
      -1146 FRI
      |

      01DEC19
      -4 Days =
      27 NOV 2019
      -862 THU
      |

      01DEC19
      -5 Days =
      26 NOV 2019
      -1461 WED
      |

      01DEC19
      -6 Days =
      25 NOV 2019
      -1319 TUE
      |

      01DEC19
      -7 Days =
      24 NOV 2019
      -1325 MON
      |

      01DEC19
      -8 Days =
      23 NOV 2019
      -1738 SUN
      |

      01DEC19
      -9 Days =
      22 NOV 2019
      -1806 SAT
      |

      01DEC19
      -10 Days =
      21 NOV 2019
      -1886 FRI
      |

      01DEC19
      -11 Days =
      20 NOV 2019
      -1667 THU
      |

      01DEC19
      -12 Days =
      19 NOV 2019
      -1436 TUE
      |

                                                                                                                                                                                                                                                                                                                     -272
                                                                                                                                                                                                                                                                                                                  1895
                                                                                                                                                                                                                                                                                                                     -NR-
                                                                                                                                                                                                                                                                                                           -1273
                                                                                                                                                                                                                                                                                                           -1160
                                                                                                                                                                                                                                                                                                                   6139
                                                                                                                                                                                                                                                                                                                   -588
                                                                                                                                                                                                                                                                                                                      -250
                                                                                                                                                                                                                                                                                                            -4511
                                                                                                                                                                                                                                                                                                           -2225
                                                                                                                                                                                                                                                                                                             -1627
                                                                                                                                                                                                                                                                                                                   1357
                                                                                                                                                      S65E
Average Flow over previous 14 days | Avg-Daily Flow
                                                                                                                                                      S65EX1
                                                                                                    Average Flow over previous 14 days | Avg-Daily Flow
   01DEC19 Today=

      01DEC19
      Today=
      01 DEC 2019
      51 MON
      |

      01DEC19
      -1 Day =
      30 NOV 2019
      44 SUN
      |

      01DEC19
      -2 Days =
      29 NOV 2019
      44 SAT
      |

      01DEC19
      -3 Days =
      28 NOV 2019
      37 FRI
      |

      01DEC19
      -4 Days =
      27 NOV 2019
      37 THU
      |

      01DEC19
      -5 Days =
      26 NOV 2019
      35 WED
      |

      01DEC19
      -6 Days =
      25 NOV 2019
      31 TUE
      |

      01DEC19
      -7 Days =
      24 NOV 2019
      28 MON
      |

      01DEC19
      -8 Days =
      23 NOV 2019
      32 SUN
      |

      01DEC19
      -9 Days =
      22 NOV 2019
      32 SAT
      |

      01DEC19
      -10 Days =
      21 NOV 2019
      26 FRI
      |

      01DEC19
      -12 Days =
      19 NOV 2019
      29 WED
      |

      01DEC19
      -13 Days =
      18 NOV 2019
      44 TUE
      |

                                                                                                   01 DEC 2019 51 MON
                                                                                                                                                                                                                                                                                90
                                                                                                                                                                                                                                                                                                                                     9
                                                                                                                                                                                                                                                                                                                                 86
                                                                                                                                                                                                                                                                                                                           119
                                                                                                                                                                                                                                                                                                                                     0
                                                                                                                                                                                                                                                                                                                        94
164
                                                                                                                                                                                                                                                                                                                                 51
                                                                                                                                                                                                                                                                                                                                     0
                                                                                                                                                                                                                                                                                                                                            0
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DATE 01 DEC 2019 30 NOV 2019 29 NOV 2019 28 NOV 2019 27 NOV 2019 26 NOV 2019 25 NOV 2019 24 NOV 2019 23 NOV 2019 22 NOV 2019 21 NOV 2019 20 NOV 2019 19 NOV 2019 18 NOV 2019	1484 469 519 631 749 1293 1992 1658 877 1067 1658 1553	Below S-77 Discharge (ALL-DAY) (AC-FT) 2044 1704 614 627 945 968 1326 2063 1816 1119 1161 1861 1746 1129	S-78 Discharge (ALL DAY) (AC-FT) 1650 1177 318 307 562 978 1165 1638 1303 379 546 740 1669 2125	S-79 Discharge (ALL DAY) (AC-FT) 2075 1811 436 388 815 1475 2250 2461 1503 646 1156 1313 1444 1141	
DATE 01 DEC 2019 30 NOV 2019 29 NOV 2019 28 NOV 2019 27 NOV 2019 26 NOV 2019 25 NOV 2019 24 NOV 2019 23 NOV 2019 22 NOV 2019 21 NOV 2019 20 NOV 2019 19 NOV 2019 18 NOV 2019	S-310 Discharge (ALL DAY) (AC-FT) 41 95 241 86 -1 -6 3 22 42 157 217 232 201 133	S-351 Discharge (ALL DAY) (AC-FT) 989 888 363 440 558 392 264 662 465 933 599 720 1432 643	S-352 Discharge (ALL DAY) (AC-FT) 189 387 143 117 34 91 44 299 88 503 422 874 991	S-354 Discharge (ALL DAY) (AC-FT) 301 365 151 147 244 264 50 307 244 393 448 381 553 341	L8 Canal Pt Discharge (ALL DAY) (AC-FT) 305 284 -NRNR- 169 268 306 379 315 363 393 134 61 -30
DATE 01 DEC 2019 30 NOV 2019 29 NOV 2019 28 NOV 2019 27 NOV 2019 26 NOV 2019 25 NOV 2019 24 NOV 2019 23 NOV 2019 22 NOV 2019 21 NOV 2019 20 NOV 2019 19 NOV 2019 18 NOV 2019	S-308 Discharge (ALL DAY) (AC-FT) 38 102 70 89 104 3 151 171 189 292 471 623 409 276	Below S-308 Discharge (ALL-DAY) (AC-FT) 167 118 103 -5 23 -170 70 100 227 535 498 48 331 261	S-80 Discharge (ALL-DAY) (AC-FT) 49 55 48 18 38 51 30 40 36 35 57 41 50 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

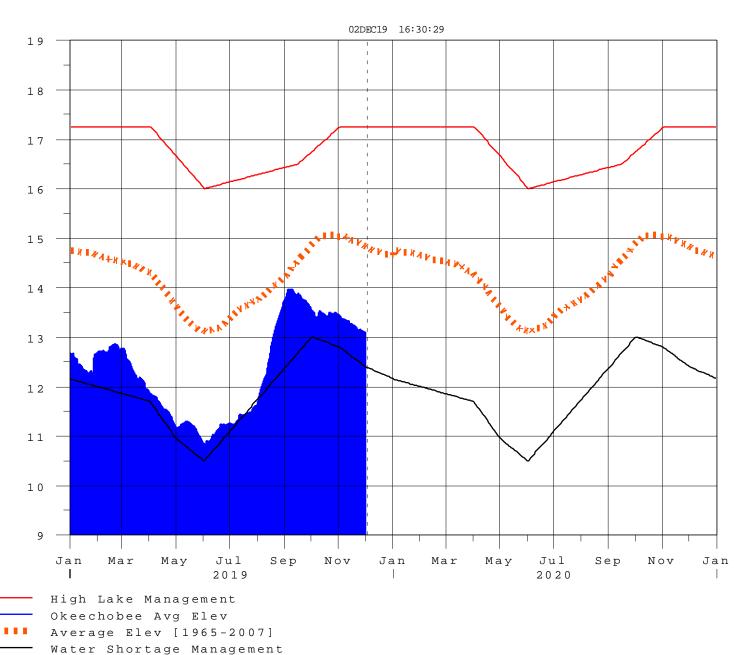
++ For more information see the Jacksonville District Navigation website at http://www.saj.usace.army.mil/

please refer to www.sfwmd.gov

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Report Generated 02DEC2019 @ 16:39 ** Preliminary Data - Subject to Revision **





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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
	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

^{**}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