Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 5/20/2019 (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*}		⊢ mniricai		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 (May- Oct)	N/A	N/A	2.63	Very Wet	2.88	Very Wet	3.95	Very Wet	
Multi Seasonal (May- Apr)	N/A	N/A	3.19	Wet	3.57	Wet	5.81	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:

169 cfs 14-day running average for Lake Okeechobee Net Inflow through 5/19/2019. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

-0.51 for Palmer Index on 5/18/2019.

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 5/20/2019

Lake Okeechobee Stage: 11.22 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	16.27	
	High sub-band		
Operational Band	Intermediate sub-band	15.10	
	Low sub-band	13.13	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band		← 11.22
Water Shortage M	lanagement Band	10.67	

Part C of LORS2008: Discharge to WCA's

Lake Okeechobee stage is within the Beneficial Use Sub-band therefore, no releases to the WCAs to manage lake stages

Part D of LORS2008: Discharge to Tidewater

Lake Okeechobee stage is within the Beneficial Use Sub-band therefore, no releases to the St. Lucie or Caloosahatchee Estuaries to manage lake stages.

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 05/20/2019 (ENSO El Niño Condition):

Status for week ending 05/20/2019:

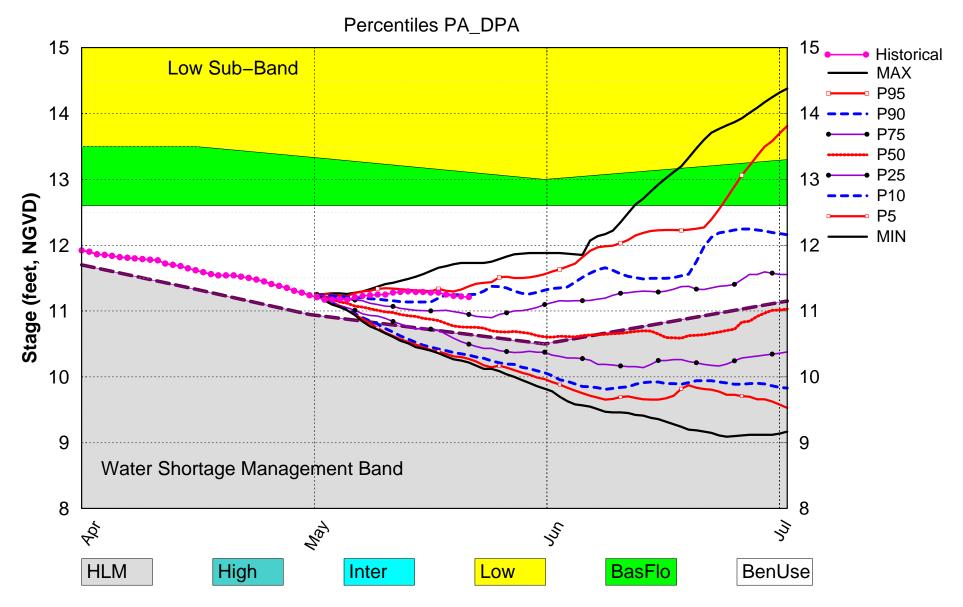
District wide, Raindar rainfall was 0.39 inches for the week. Lake stage on 5/20/2019 was 11.22ft, NGVD, down 0.08 ft from last week .The updated May 2019 SFWMM Dynamic Position Analysis percentile graph for Lake Okeechobee show that the current lake stage is in the Beneficial Use Sub-band. The LORS2008 Tributary Hydrologic Conditions (THC) are classified as **Normal.** The PDSI indicates normal 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	Water Shortage Management Band	H
	Palmer Index for LOK Tributary Conditions	-0.51 (Normal to Extremely Wet)	L
	CDC Procinitation Outlook	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Normal	П
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	2.88 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	3.57 ft (Wet)	L
	ENSO Forecast (positive)		
	WCA 1: 3 Station Average (Site 1-7, 1-8T, & 1-9)	Above Line 1 (16.10 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.68 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Above Line 1 (9.27 ft)	L
	Service Area 1	Year-Round Irrigation Rule in effect	٦
LEC	Service Area 2	Year-Round Irrigation Rule in effect	L
	Service Area 3	Year-Round Irrigation Rule in effect	L

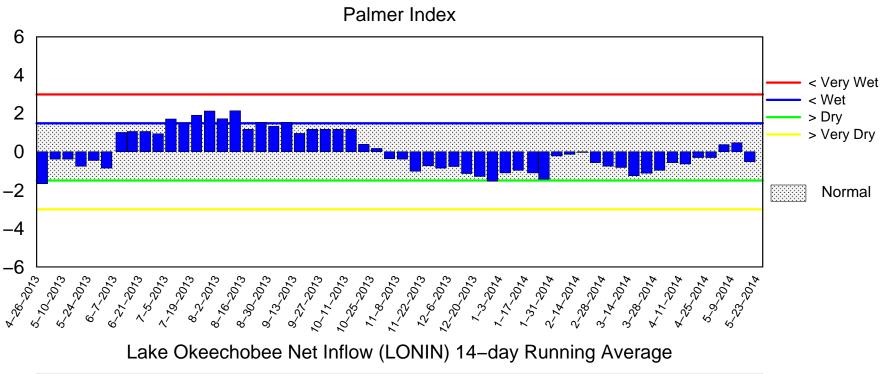
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

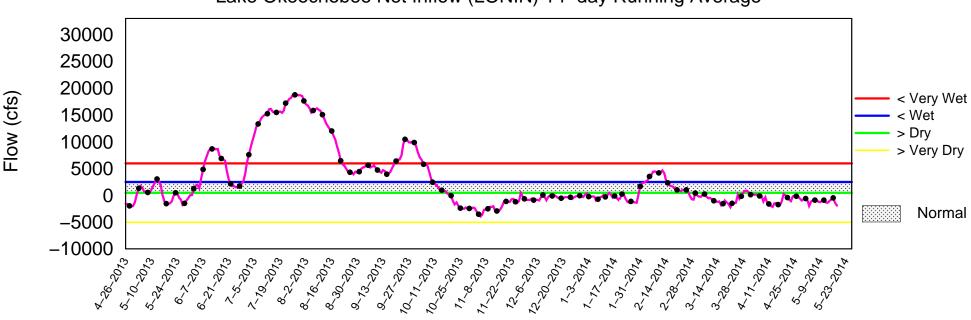
Lake Okeechobee SFWMM May 2019 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of May 19 2014

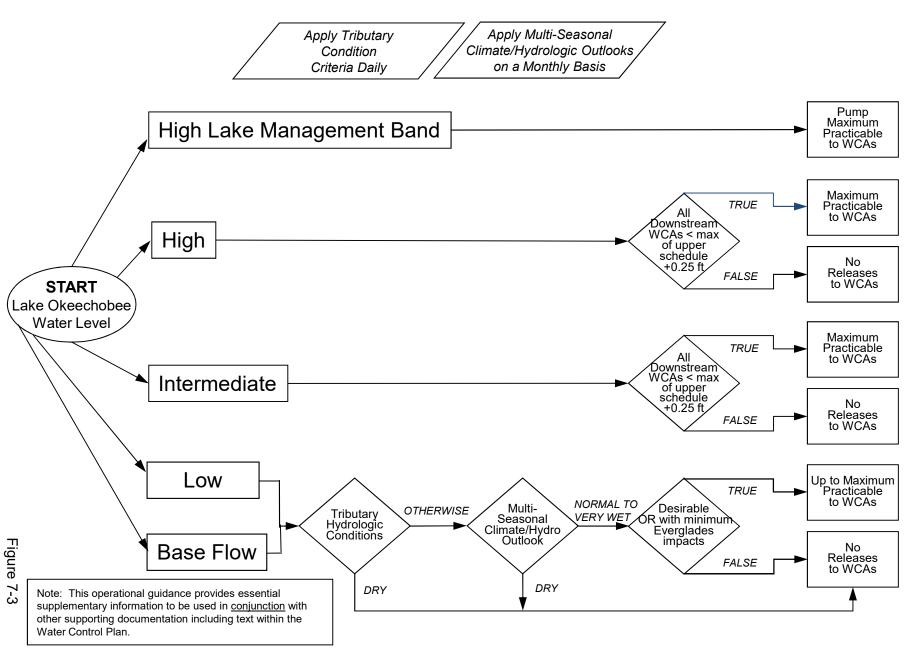




Tue May 20 08:48:58 EDT 2014

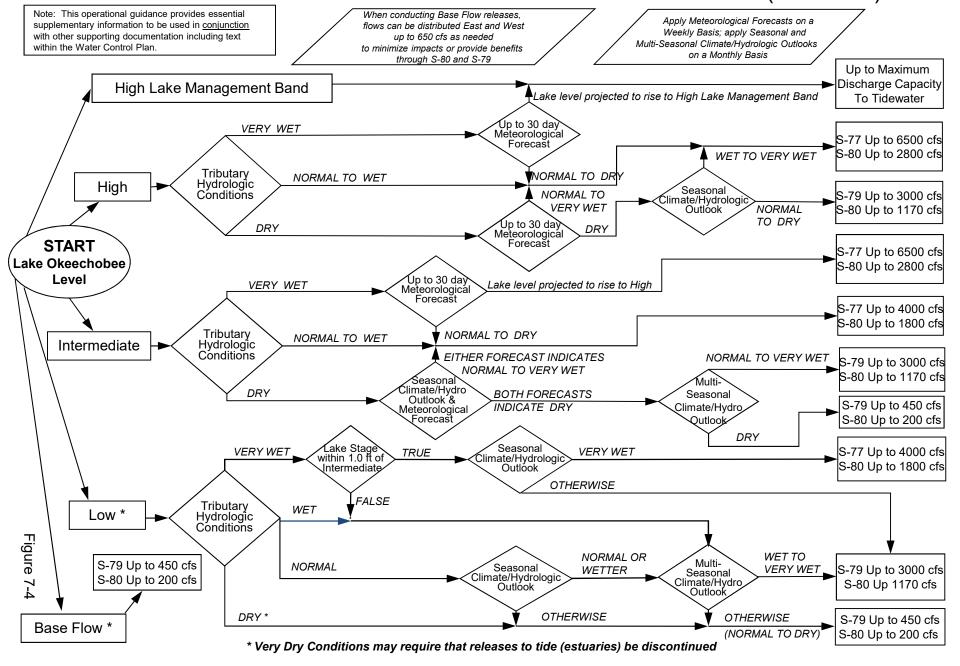
2008 LORS

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

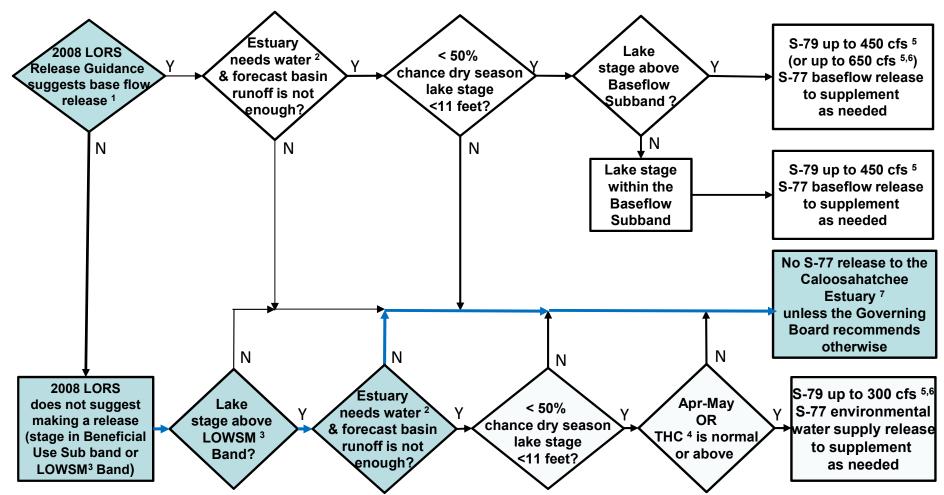


2008 LORS

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.

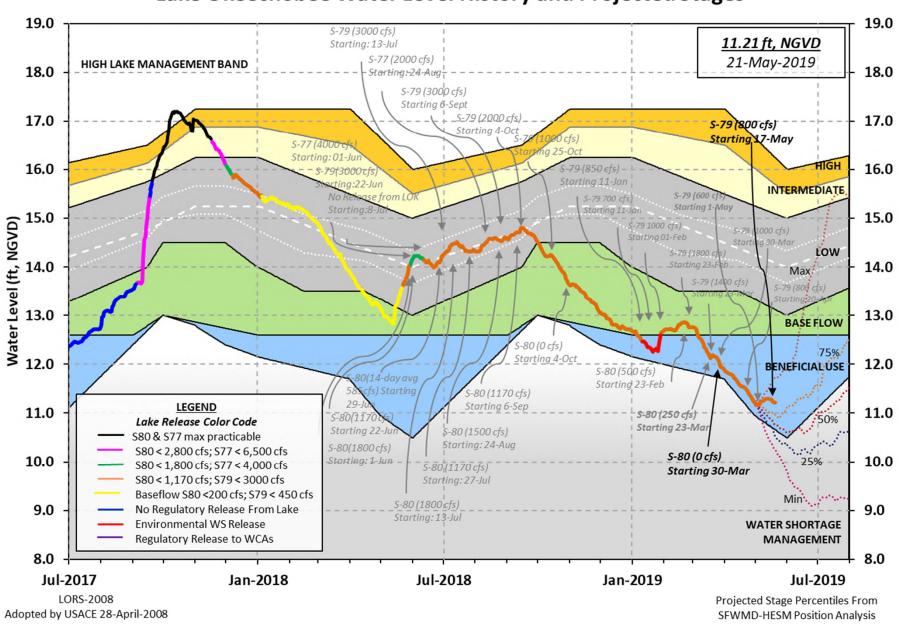
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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 19 MAY 2019

) (ft-NGV	D) (ft-NGVD)	
	gh Lake Mng	ion 11.22 mt= 16.27 Top l Management Ba	of Water Sh		ficial Elv) 67
Simulated Ave Difference fr		008 [1965-2000] LORS2008	12.04 -0.82		
19MAY (1965-2 Difference fr		d of Record Ave rage	rage 13. -2.0		
Today Lake Ok stations	keechobee e	levation is det	ermined from	m the 4 Int &	4 Edge
	Depth (Base	ed on 2007 Chan	nel Conditi	on Survey) Rou	te 1 ÷
_	Depth (Base	ed on 2008 Chan	nel Conditi	on Survey) Rou	te 2 ÷
3.36' Bridge Cleara	ance = -NR	_ '			
					
4 Interior and	4 Edge Oke	echobee Lake Av	erage (Avg-	Dailv values):	
i illection alla	I Lage one	conobec Lane my	C_U_U_U_U_U_U_U_U_U_U_U_U_U_U_U_U_U_U_U	barry varacs,	
L001 L005 11.16 11.36	L006 LZ 11.26 11		2 S308 R- 11.11	S133 11.14	
11.16 11.36	11.26 11	.20 11.31 -N	R- 11.11	11.14	
11.16 11.36	11.26 11		R- 11.11 Average =	11.14	
11.16 11.36	11.26 11	.20 11.31 -N	R- 11.11 Average =	11.14	
11.16 11.36 *Combination C	11.26 11 Okeechobee	.20 11.31 -N	R- 11.11 Average =	11.14	
11.16 11.36 *Combination Combination Comb	11.26 11 Dkeechobee Lows (cfs): 448	.20 11.31 -N Avg-Daily Lake	R- 11.11 Average =	11.14 11.22 (*See Note) Fisheating Cr	
*Combination Combination Combi	11.26 11 Okeechobee Lows (cfs): 448 0	.20 11.31 -N Avg-Daily Lake S65EX1 S191	R- 11.11 Average = 287 0	11.14 11.22 (*See Note) Fisheating Cr S135 Pumps	0
*Combination Combination Combi	11.26 11 Dkeechobee Lows (cfs): 448 0 0	.20 11.31 -N Avg-Daily Lake S65EX1 S191 S133 Pumps	R- 11.11 Average = 287 0 0	11.14 11.22 (*See Note) Fisheating Cr S135 Pumps S2 Pumps	0 0
*Combination Combination Combi	11.26 11 Dkeechobee Lows (cfs): 448 0 0 0	.20 11.31 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps	R- 11.11 Average = 287 0 0 0	11.14 11.22 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination Combination Combi	11.26 11 Dkeechobee Lows (cfs): 448 0 0 0 0	.20 11.31 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	Average = 287 0 0 0 0	11.14 11.22 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0
*Combination Combination Combi	11.26 11 Dkeechobee Lows (cfs): 448 0 0 0	.20 11.31 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps	R- 11.11 Average = 287 0 0 0	11.14 11.22 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination Combination Combi	11.26 11 Dkeechobee Lows (cfs): 448 0 0 0 737	.20 11.31 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S129 Pumps	Average = 287 0 0 0 0	11.14 11.22 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0
*Combination Combination Combi	11.26 11 Dkeechobee Lows (cfs): 448 0 0 0 737 Elows (cfs)	.20 11.31 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	Average = 287 0 0 0 0 0	11.14 11.22 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
*Combination Combination Combi	11.26 11 Dkeechobee Lows (cfs): 448 0 0 0 737 Elows (cfs) Solve (cfs)	.20 11.31 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	Average = 287 0 0 0 0 0	11.14 11.22 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
*Combination Combination Combi	11.26 11 Okeechobee Lows (cfs): 448 0 0 0 737 Elows (cfs) s 0 s 0	.20 11.31 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : : : : : : : : : : : : : : : : : : :	Average = 287 0 0 0 0 0	11.14 11.22 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
*Combination Combination Combi	11.26 11 Dkeechobee Lows (cfs): 448 0 0 0 737 Elows (cfs) S 0 S 0 S 0	.20 11.31 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	R- 11.11 Average = 287 0 0 0 0 0 0	11.14 11.22 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	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): 0.25 S308 S77 0.27 Average Pan Evap x 0.75 Pan Coefficient = 0.19" = 0.02' Lake Average Precipitation using NEXRAD: = -NR-" = -NR-' = -NR-" = -NR-'Evaporation - Precipitation: Evaporation - Precipitation using Lake Area of 730 square miles is equal to -NR-Lake Okeechobee (Change in Storage) Flow is -1815 cfs or -3600 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 0 0 0 0 0 (cfs) S133 Pumps: 12.78 11.19 S193: 0.0 0.0 0.0 18.01 0 S191: 11.19 S135 Pumps: 13.10 11.15 0 0 0 0 0 (cfs) S135 Culverts: 0.0 0.0 North West Shore S65E: 21.00 11.19 448 0.0 0.3 0.4 0.4 0.0 0.0 21.00 S65EX1: 11.19 287 S127 Pumps: 12.55 0 0 0 0 (cfs) 11.26 0 S127 Culvert: 0 0.0 0 S129 Pumps: 12.15

28.02	1	
-NR-	0	-NRNRNR-
		

11.09

11.62

S129 Culvert:

S131 Culvert:

S131 Pumps: 12.10

S4 Pumps: 11.20 11.12 0 0 0 0 (cfs) 80 4.9 4.9 4.9 S169: 11.17 11.15 S310: 11.14 24

0

0

0

0.0

0 0 0

0

0

(cfs)

(cfs)

```
      S3 Pumps:
      9.22
      11.12
      0
      0
      0
      0

      S354:
      11.12
      9.22
      0
      0.0
      0.0

      S2 Pumps:
      9.05
      -NR-
      0
      0
      0
      0

      S351:
      -NR-
      9.05
      0
      0.0
      0.0
      0.0

      S352:
      ______
      9.15
      0
      0.0
      0.0

                                                                 (cfs)
                                                                       (cfs)
  S352: __
C10A:
               -NR-
                                           8.0 8.0 8.0 0.0 0.0
                         11.43
                         11.13 -1
  L8 Canal PT
                    S351 and S352 Temporary Pumps/S354 Spillway
                9.05
                          -NR-
  S351:
                                     0 -NR--NR--NR--NR--NR-
  S352:
                9.15
                                      0 -NR--NR--NR--NR-
                         11.12
  S354:
                9.22
                                    0 -NR--NR--NR--NR-
Caloosahatchee River (S77, S78, S79)
  S47B: 11.30 10.66
                                            0.0 0.0
                         10.69 5 5.7
  S47D:
               10.69
  S77:
    Spillway and Sector Preferred Flow:
                11.18 10.59 357 0.0 4.5 0.0 0.0
                                     1
    Flow Due to Lockages+:
  S78:
    Spillway and Sector Flow:
               10.51 3.14 854 0.0 0.0 2.5 0.0
   Flow Due to Lockages+:
                                     17
  S79:
    Spillway and Sector Flow:
                 3.31 0.94 968 0.0 1.0 1.0 1.5 1.0 0.0 0.0
0.0
                                    13
    Flow Due to Lockages+:
                flow from S77 37
(ppm) 57
    Percent of flow from S77
                                     37%
    Chloride
St. Lucie Canal (S308, S80)
  S308:
    Spillway and Sector Preferred Flow:
               11.08 -NR- 0 0.0 0.0 0.0 0.0
    Flow Due to Lockages+: -NR-
         18.87 13.64 0 0.0 0.0
  S153:
  S80:
    Spillway and Sector Flow:
    13.85 1.53 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 27
    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.
- ++ Preferred flow is determined from either the spillway discharge or the below flow meter daily

---- Wind ---Daily Precipitation Totals 1-Day 3-Day 7-Day Direction 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: 0.00 -NR-0.00 S127 Pump Station: -NR-0.00 0.00 S129 Pump Station: -NR-0.00 0.00 0.00 0.00 S131 Pump Station: -NR-S77: 5.24 5.24 5.46 165 S78: 3.24 3.24 3.40 120 3 S79: 4.09 4.11 192 4.09 1 0.00 S4 Pump Station: 0.00 -NR-Clewiston Field Station: 0.00 0.00 -NR-0.00 S3 Pump Station: -NR-0.00 S2 Pump Station: -NR-0.00 0.00 S308: 4.20 4.20 4.29 89 7.35 7.35 7.86 S80: 128 0 Okeechobee Average 4.72 0.73 0.75 (Sites S78, S79 and S80 not included) ______ 0.00 0.00 Oke Nexrad Basin Avg -NR-______

eechobee Lake	- Elev	zations	19	MAY	2019	11.22 Difference	from
9MAY19		. 0.010110				11,11 51110101100	
19MAY19 -1	Day	=	18	MAY	2019	11.23	0.01
19MAY19 -2	Days	=	17	MAY	2019	11.25	0.03
19MAY19 -3	Days	=	16	MAY	2019	11.28	0.06
19MAY19 -4	Days	=	15	MAY	2019	11.28	0.06
19MAY19 -5	Days	=	14	MAY	2019	11.29	0.07
19MAY19 -6	Days	=	13	MAY	2019	11.29	0.07
19MAY19 -7	Days	=	12	MAY	2019	11.30	0.08
19MAY19 -30	Days	=	19	APR	2019	11.54	0.32
19MAY19 -1	Year	=	19	MAY	2018	13.41	2.19
19MAY19 -2	Year	=	19	MAY	2017	-NR-	-NR-

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 4.99

	19MAY19		Today	=	19	MAY	2019	252	MON	-1458
	19MAY19	-1	Day	=	18	MAY	2019	910	SUN	-3204
	19MAY19	-2	Days	=	17	MAY	2019	1064	SAT	-5445
	19MAY19	-3	Days	=	16	MAY	2019	1642	FRI	0
	19MAY19	-4	Days	=	15	MAY	2019	1712	THU	-1815
	19MAY19	-5	Days	=	14	MAY	2019	1599	WED	0
	19MAY19	-6	Days	=	13	MAY	2019	1581	TUE	-1815
	19MAY19	-7	Days	=	12	MAY	2019	1491	MON	1999
	19MAY19	-8	Days	=	11	MAY	2019	1194	SUN	1815
	19MAY19	-9	Days	=	10	MAY	2019	802	SAT	5445
	19MAY19	-10	Days	=	09	MAY	2019	212	FRI	j o
	19MAY19	-11	Days	=	80	MAY	2019	48	THU	1959
	19MAY19	-12	Days	=	07	MAY	2019	-341	WED	1991
	19MAY19	-13	Days	=	06	MAY	2019	-636	TUE	4055
_										
_						S	65E			
					Average			previous	14 days	Avg-Daily Flow
	19MAY19		Today	<i>y</i> =			2019	464		527
	19MAY19	-1	Day		18	MAY	2019	426	SUN	560
	19MAY19	-2	Days	=	17	MAY	2019	386	SAT	643
	19MAY19		Days				2019	340	FRI	662
	19MAY19	-4	Days	=	15	MAY	2019	293	THU	561
	19MAY19		Days				2019	253	WED	552
	19MAY19		Days				2019	213	TUE	499
	19MAY19		Days				2019	178	MON	511
	19MAY19		Days				2019	141	SUN	471
	19MAY19		Days				2019	107	SAT	412
	19MAY19		_				2019	78	FRI	376
	19MAY19		_				2019	51	THU	552
	19MAY19		_				2019	12	WED	163
	19MAY19		-				2019	0	TUE	0
										·
_										
_						C (65EX1			
					Muerage			previous	14 dave	Avg-Daily Flow
	19MAY19		Toda	· -			2019	362	MON	Avg-Daily Flow
	19MAY19	_ 1	Day	-			2019	370	SUN	286
			Days							286
	19MAY19		Days				2019 2019	376 378	SAT	288
	19MAY19		_						FRI	•
	19MAY19		Days				2019	381	THU	315
	19MAY19		Days				2019	384	WED	404
	19MAY19		Days				2019	376	TUE	402
	19MAY19		Days				2019	376	MON	398
	19MAY19		Days				2019	377	SUN	400
	19MAY19		Days				2019	375	SAT	398
	19MAY19		_				2019	379	FRI	398
	19MAY19		_				2019	388	THU	400
	19MAY19						2019	387	WED	405
	19MAY19	-T3	Days	=	06	MAY	2019	391	TUE	403

DATE 19 MAY 2019 18 MAY 2019 17 MAY 2019 16 MAY 2019 15 MAY 2019	Discharge (ALL DAY) (AC-FT) 0 696 0 876 0 1		S-78 Discharge (ALL DAY) (AC-FT) 1728 1633 1741 1802 337	S-79 Discharge (ALL DAY) (AC-FT) 1953 2285 4101 3566 2262	
14 MAY 2019	-1	139	519	1251	
13 MAY 2019 12 MAY 2019		209 645	629 893	1796 3070	
11 MAY 2019		272	1590	3056	
10 MAY 2019	0	-267	1441	4196	
09 MAY 2019		-993	331	662	
08 MAY 2019		652	589	1207	
07 MAY 2019		692	1201	1276	
06 MAY 2019	84	889	1184	1836	
	S-310	S-351	S-352	S-354	L8 Canal Pt
	Discharge		Discharge	Discharge	_
D 3 III II	(ALL DAY)		(ALL DAY)	(ALL DAY)	(ALL DAY)
DATE 19 MAY 2019	(AC-FT) 48	(AC-FT) 0	(AC-FT) 0	(AC-FT) 0	(AC-FT) -2
18 MAY 2019		0	0	0	-25
17 MAY 2019		0	0	0	-39
16 MAY 2019		0	0	0	-72
15 MAY 2019		0	0	0	-186
14 MAY 2019		0	0	0	-212
13 MAY 2019		0	0	0	-226
12 MAY 2019 11 MAY 2019		0	0 0	0	-280 -227
10 MAY 2019		0	0	0	-227 -50
09 MAY 2019		0	0	0	-13
08 MAY 2019		0	0	0	-1
07 MAY 2019		0	0	0	-6
06 MAY 2019	-249	93	528	0	-14
	S-308	Below S-308	S-80		
	Discharge	Discharge	Discharge	9	
	(ALL DAY)	(ALL-DAY)	(ALL-DAY))	
DATE	(AC-FT)	(AC-FT)	(AC-FT)		
19 MAY 2019 18 MAY 2019		-105 183	53 56		
18 MAY 2019 17 MAY 2019		203	29		
16 MAY 2019		166	57		
15 MAY 2019		74	56		
14 MAY 2019	-NR-	-222	760		
13 MAY 2019		-287	712		
12 MAY 2019		-189	52		
11 MAY 2019		-79	47		
10 MAY 2019 09 MAY 2019		-56 -28	649 44		
08 MAY 2019		99	49		
07 MAY 2019		-68	45		
06 MAY 2019		32	37		

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

Lockages Discharges from 0015 hrs to 2400 hrs.

(I) - Flows preceeded 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.

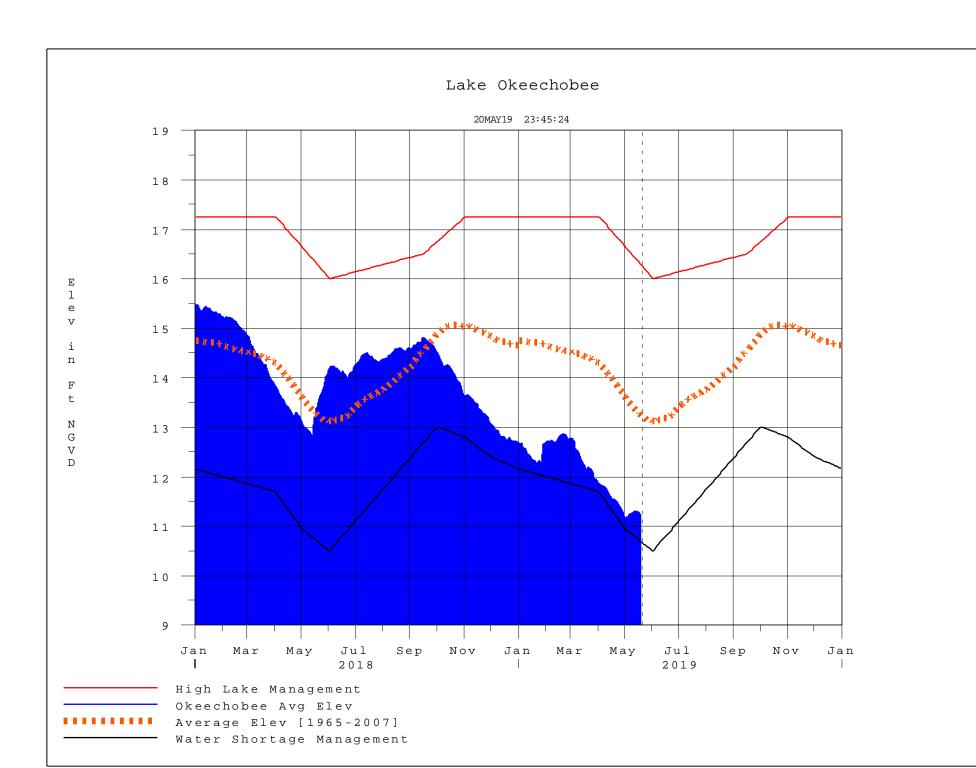
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations

- ++ 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

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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