Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 11/25/2019 (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		oley's ethod ^{1*}	SFWMD Empirical Method ²		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	0.29	Dry	0.58	Dry	1.59	Wet
Multi Seasonal (Nov- Oct)	N/A	N/A	2.90	Wet	3.20	Wet	5.53	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:

- **-1342 cfs** 14-day running average for Lake Okeechobee Net Inflow through 11/24/2019. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-1.78** for Palmer Index on 11/23/2019. 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 11/25/2019

Lake Okeechobee Stage: 13.16feet

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	14.50	
Base Flow sub-band		12.76	← 13.16
Beneficial Use sub	o-band	12.48	
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

LORS2008 Implementation on 11/25/2019 (ENSO Neutral Condition):

Status for week ending 11/25/2019:

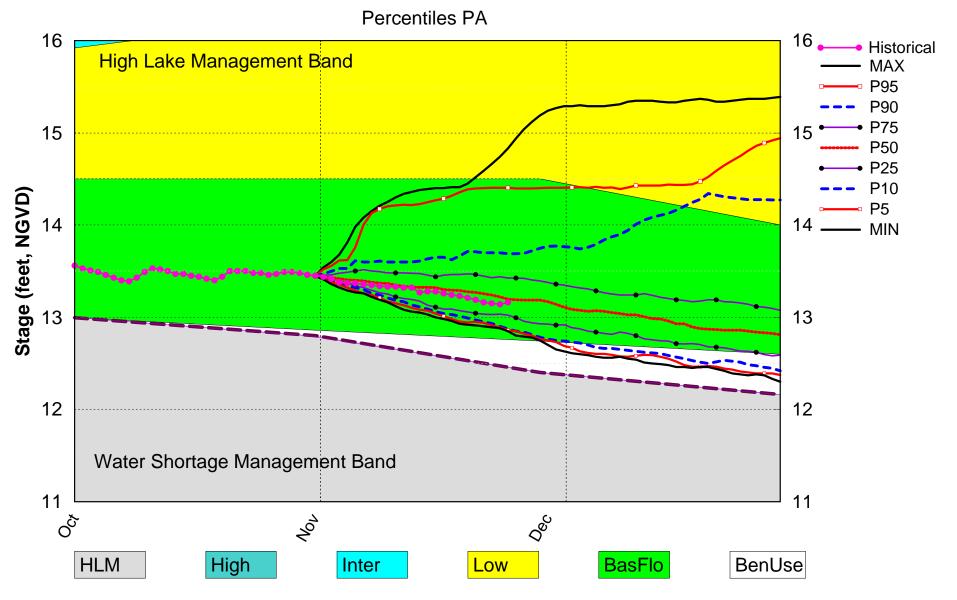
District wide, Raindar rainfall was 0.26 inches for the week. Lake stage on 11/25/2019 was 13.16 ft, NGVD, down 0.08 ft from last week .The updated November 2019 SFWMM Dynamic Position Analysis percentile graph for Lake Okeechobee show that the current lake stage is in the Base-Flow Sub-Band. The LORS2008 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	-1.78 (Dry)	M	
	CDC Presinitation Outlank	1 month: Normal	L	
LOK	CPC Precipitation Outlook	3 months: Normal	L	
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	0.58 ft (Dry)	М	
	LOK Multi-Seasonal Net Inflow Outlook	3.20 ft (Normal)	M	
	ENSO Forecast (positive)	(Normal)		
	WCA 1: 3 Station Average (Site 1-7, Site 1-8T & Site 1-9)	Above Line 1 (16.69 ft)	L	
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.61ft)	L	
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Above Line 1 (9.77 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	

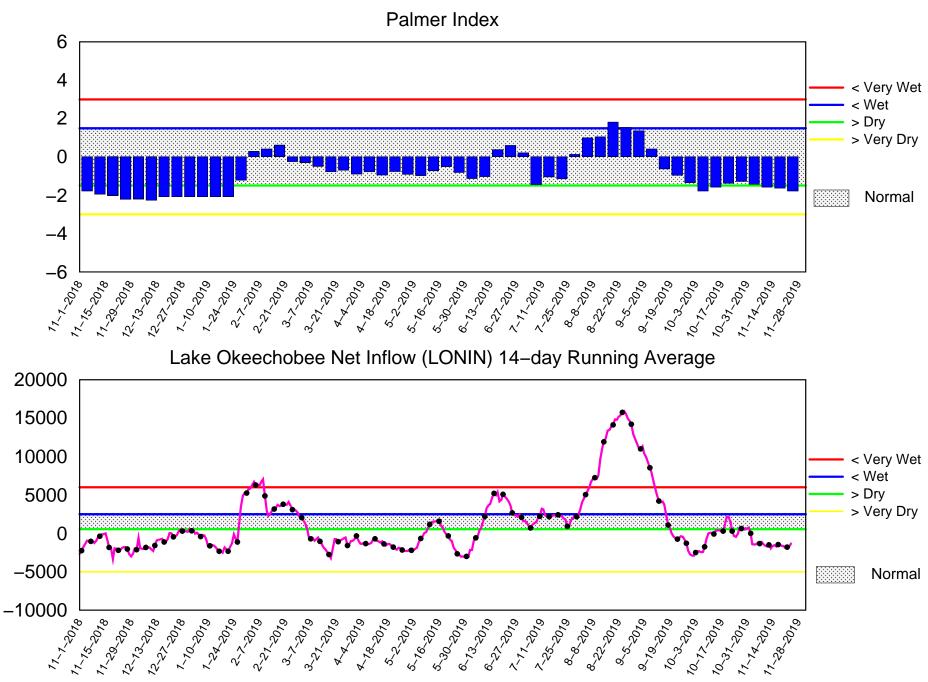
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM Nov 2019 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of November 25 2019

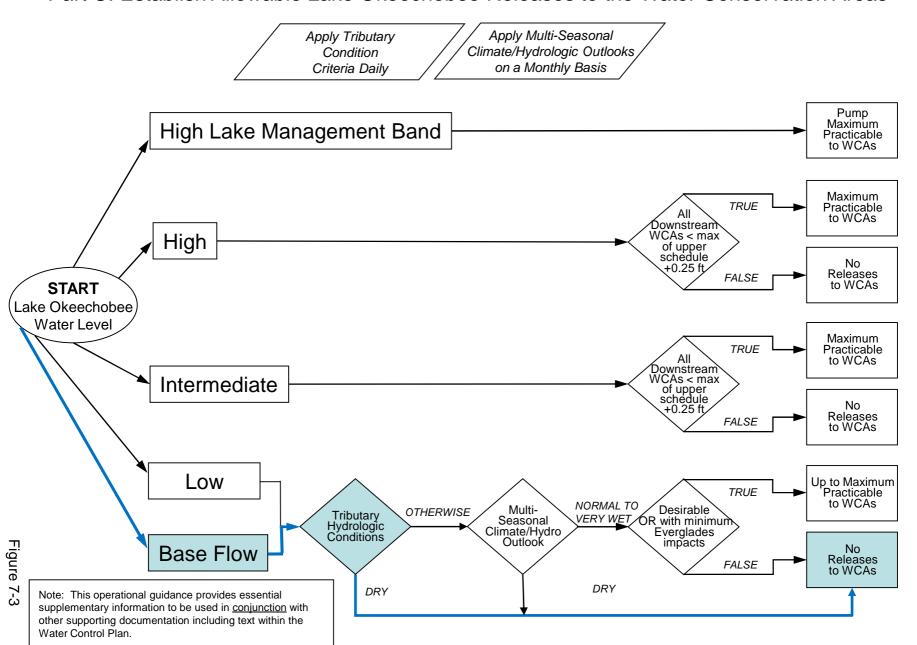


Mon Nov 25 13:57:13 EST 2019

Flow (cfs)

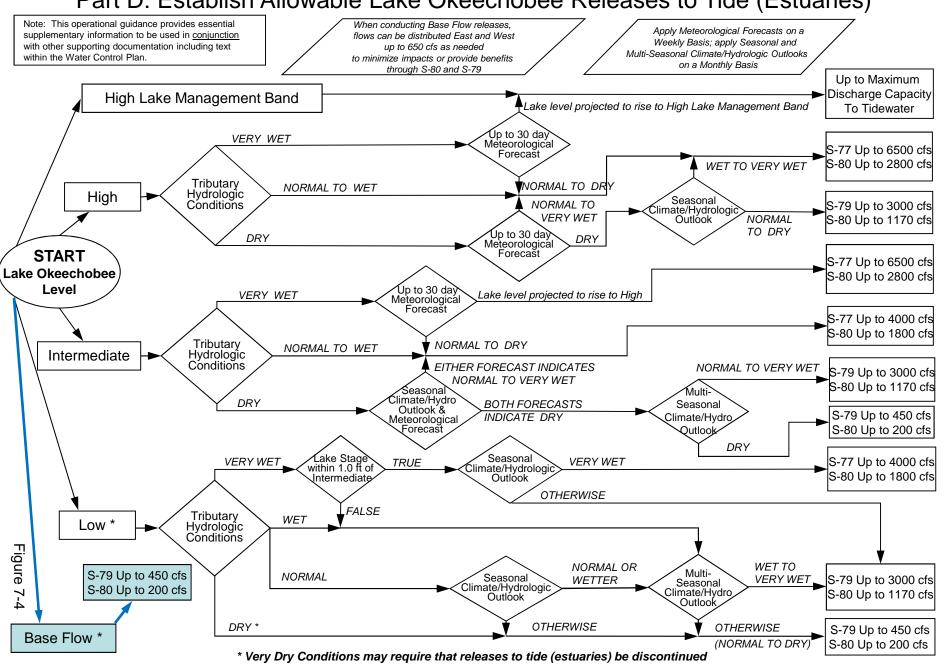
2008 LORS

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

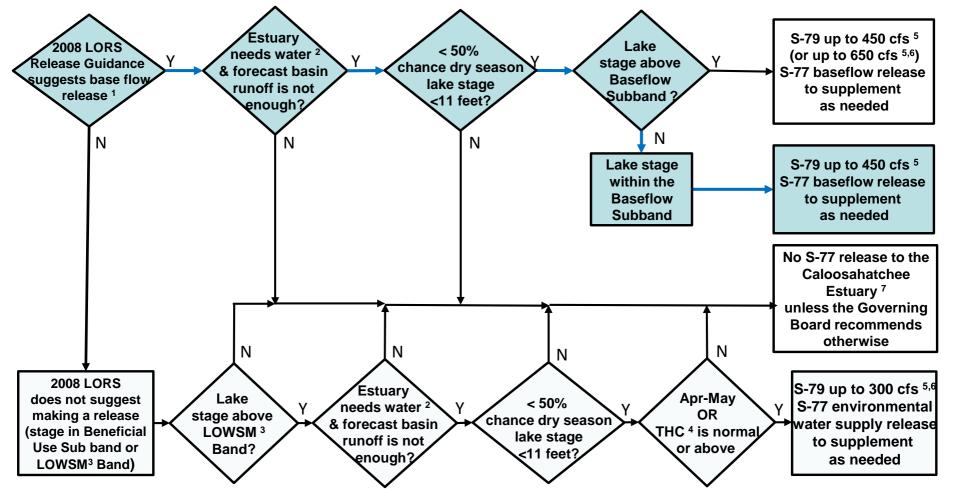


2008 LORS

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



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.

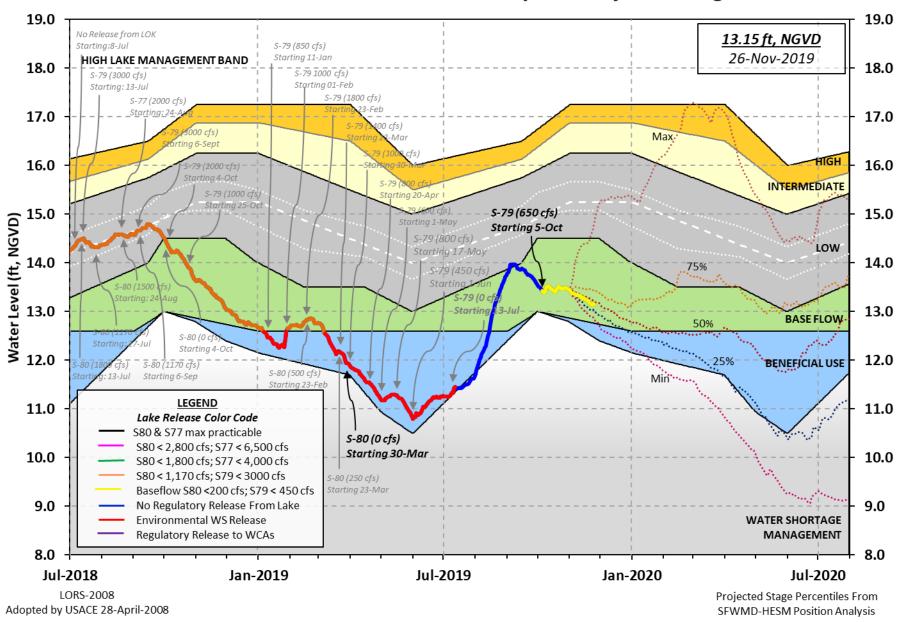
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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 24 NOV 2019

- -	
	on Last Year 2YRS Ago D) (ft-NGVD) (ft-NGVD)
*Okeechobee Lake Elevation 13.1 Bottom of High Lake Mngmt= 17.25 Top Currently in Operational Management B	of Water Short Mngmt= 12.48
Simulated Average LORS2008 [1965-2000 Difference from Average LORS2008] 13.82 -0.66
24NOV (1965-2007) Period of Record Av Difference from POR Average	erage 14.89 -1.73
Today Lake Okeechobee elevation is de stations	termined from the 4 Int & 4 Edge
++Navigation Depth (Based on 2007 Cha	nnel Condition Survey) Route 1 ÷
7.10'	anal Canditian Currery Dayta 2
++Navigation Depth (Based on 2008 Cha 5.30'	mmer condition survey) Route 2 ÷
Bridge Clearance = 50.27'	
_	
4 Interior and 4 Edge Okeechobee Lake A	verage (Avg-Daily values):
T.001 T.005 T.006 T.740 S4 S3	52 9308 9133
L001 L005 L006 LZ40 S4 S3 13.14 13.10 13.17 13.15 13.12 13	52 S308 S133 .32 13.17 13.10
13.14 13.10 13.17 13.15 13.12 13	.32 13.17 13.10
	.32 13.17 13.10
13.14 13.10 13.17 13.15 13.12 13	.32 13.17 13.10 e Average = 13.16
13.14 13.10 13.17 13.15 13.12 13	.32 13.17 13.10 e Average = 13.16
13.14 13.10 13.17 13.15 13.12 13	.32 13.17 13.10 e Average = 13.16
<pre>13.14 13.10 13.17 13.15 13.12 13 *Combination Okeechobee Avg-Daily Lak Okeechobee Inflows (cfs): S65E</pre>	.32 13.17 13.10 e Average = 13.16
13.14 13.10 13.17 13.15 13.12 13 *Combination Okeechobee Avg-Daily Lak Okeechobee Inflows (cfs): S65E	.32 13.17 13.10 e Average = 13.16
13.14 13.10 13.17 13.15 13.12 13 *Combination Okeechobee Avg-Daily Lak	0 Fisheating Cr 8 0 S135 Pumps 0 0 S2 Pumps 0
*Combination Okeechobee Avg-Daily Lak *Combination Okeechobee Avg-Daily Lak Okeechobee Inflows (cfs): S65E	0 Fisheating Cr 8 0 S135 Pumps 0 0 S2 Pumps 0 0 S3 Pumps 0
*Combination Okeechobee Avg-Daily Lak *Combination Okeechobee Avg-Daily Lak Okeechobee Inflows (cfs): S65E	.32 13.17 13.10 e Average = 13.16 (*See Note) 0 Fisheating Cr 8 0 S135 Pumps 0 0 S2 Pumps 0 0 S3 Pumps 0 0 S4 Pumps 0
*Combination Okeechobee Avg-Daily Lak *Combination Okeechobee Avg-Daily Lak Okeechobee Inflows (cfs): S65E	0 Fisheating Cr 8 0 S135 Pumps 0 0 S2 Pumps 0 0 S3 Pumps 0
*Combination Okeechobee Avg-Daily Lak *Combination Okeechobee Avg-Daily Lak	.32 13.17 13.10 e Average = 13.16 (*See Note) 0 Fisheating Cr 8 0 S135 Pumps 0 0 S2 Pumps 0 0 S3 Pumps 0 0 S4 Pumps 0
*Combination Okeechobee Avg-Daily Lak *Combination Okeechobee Avg-Daily Lak Okeechobee Inflows (cfs): S65E	0 Fisheating Cr 8 0 S135 Pumps 0 0 S2 Pumps 0 0 S3 Pumps 0 0 S4 Pumps 0 0 C5 0
*Combination Okeechobee Avg-Daily Lak *Combination Okeechobee Avg-Daily Lak	.32 13.17 13.10 e Average = 13.16 (*See Note) 0 Fisheating Cr 8 0 S135 Pumps 0 0 S2 Pumps 0 0 S3 Pumps 0 0 S4 Pumps 0 0 C5 0
*Combination Okeechobee Avg-Daily Lak *Combination Okeechobee Avg-Daily Lak Okeechobee Inflows (cfs): S65E	13.17 13.10 Parage = 13.16 (*See Note) O Fisheating Cr 8 O S135 Pumps 0 O S2 Pumps 0 O S3 Pumps 0 O S4 Pumps 0 O C5 0 189 S77 1008 334 S308 34
*Combination Okeechobee Avg-Daily Lak *Combination Okeechobee Avg-Daily Lak	.32 13.17 13.10 e Average = 13.16 (*See Note) 0 Fisheating Cr 8 0 S135 Pumps 0 0 S2 Pumps 0 0 S3 Pumps 0 0 S4 Pumps 0 0 C5 0

Ī	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 Sho		(1) see n	ote at	bott	com				
	-	10 01	0	0	0	0	0	0	()	
S133 Pumps: S193:	13.09	12.91	0	0	0	0	0	0	(cfs)	
S191:	18.38	12.93	0	-NR-	0.0	0.0				
S135 Pumps:	12.83	12.95	0	0	0	0	0		(cfs)	
S135 Culver	ts:		0	0.0	0.0					
North West Sho	ore									
S65E:	20.99	12.70	311	0.0	0.0	0.0	0.0	0.5	0.0	
S65EX1:	20.99	12.70	0							
S127 Pumps:	12.92	12.98	0	0	0	0	0	0	(cfs)	
S127 Culver	t:		0	0.0						
S129 Pumps:	13.06	13.17	0	0	0	0			(cfs)	
S129 Culver	t:		0	0.0						
S131 Pumps:	13.01	12.92	0	0	0				(cfs)	
S131 Culver	t:		0							
Fisheating (Creek									
nr Palmda	le	28.46	8							
nr Lakepo	rt									
C5:		-NR-	0	-NF	RNF	RNI	? –			
South Shore										
S4 Pumps:	11.37	13.21	0	0	0	0			(cfs)	
S169:	13.28	11.39	0	0.0	0.0	0.0				
s310:	13.14		11							

```
      S3 Pumps:
      10.77
      13.35
      0
      0
      0
      0

      S354:
      13.35
      10.77
      189
      0.1
      0.1

      S2 Pumps:
      10.79
      -NR-
      0
      0
      0
      0

      S351:
      -NR-
      10.79
      334
      0.5
      0.4
      0.3

      S352:
      13.41
      10.77
      151
      0.4
      0.2

      C10A:
      -NR-
      13.38
      8.0
      8.0
      8.0
      8.0
      0.0

                                                                               (cfs)
                                                                               (cfs)
                                                 8.0 8.0 8.0 0.0 0.0
                            13.22 191
  L8 Canal PT
                      S351 and S352 Temporary Pumps/S354 Spillway
                 10.79
  S351:
                              -NR-
                                         334 -NR--NR--NR--NR--NR-
                           13.41
13.35
  S352:
                 10.77
                                        151 -NR--NR--NR--NR-
  S354:
                 10.77
                                        189 -NR--NR--NR--NR-
Caloosahatchee River (S77, S78, S79)
  S47B:
                 12.63 12.70
                                                  7.0 7.0
  S47D:
                 12.61
                            11.30
                                        125 0.8
  S77:
    Spillway and Sector Preferred Flow:
                 12.68 11.18 1006 0.0 3.0 3.0 0.0
                                         2
    Flow Due to Lockages+:
  S78:
    Spillway and Sector Flow:
                11.19 3.11 812 1.0 0.0 0.0 1.5
    Flow Due to Lockages+:
                                         13
  S79:
    Spillway and Sector Flow:
                         2.28 1223 0.5 1.0 1.0 1.0 1.0 1.0 1.0
                   3.27
0.0
    Flow Due to Lockages+:
    Percent of flow from S77
                                          82%
    Chloride
                  (mqq)
                                        0
St. Lucie Canal (S308, S80)
  S308:
    Spillway and Sector Preferred Flow:
                 13.23 13.23 34 0.0 0.0 0.0 0.0
    Flow Due to Lockages+:
                                           0
            19.00 13.00 0 0.0 0.0
  S153:
  S80:
    Spillway and Sector Flow:
    13.26 1.31 0
Flow Due to Lockages+: 20
                                          0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    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: 0.69 0.69 0.69 321 S78: 1.99 1.99 1.99 300 2 S79: 2.65 2.68 329 2.65 S4 Pump Station: 0.00 0.00 -NR-Clewiston Field Station: -NR-0.00 0.00 0.00 S3 Pump Station: -NR-0.00 S2 Pump Station: -NR-0.00 0.00 S308: 31.35 31.35 31.35 343 12 S80: 8.56 8.56 326 5 8.56 Okeechobee Average 16.02 2.46 2.46 (Sites S78, S79 and S80 not included) Oke Nexrad Basin Avg 0.43 0.44 0.44 ______

_ Okeechobee Lak	e Ele	vations	24	NOV	2019	13.16 Difference	from
24NOV19							
24NOV19 -1	Day	=	23	NOV	2019	13.14	-0.02
24NOV19 -2	Days	=	22	NOV	2019	13.15	-0.01
24NOV19 -3	Days	=	21	NOV	2019	13.16	0.00
24NOV19 -4	Days	=	20	NOV	2019	13.19	0.03
24NOV19 -5	Days	=	19	NOV	2019	13.21	0.05
24NOV19 -6	Days	=	18	NOV	2019	13.23	0.07
24NOV19 -7	Days	=	17	NOV	2019	13.24	0.08
24NOV19 -30	Days	=	25	OCT	2019	13.46	0.30
24NOV19 -1	Year	=	24	NOV	2018	13.26	0.10
24NOV19 -2	Year	=	24	NOV	2017	-NR-	-NR-

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 2.53

24NOV19 Today =	24 NOV 2019	-1325 MON	6139
24NOV19 -1 Day =	23 NOV 2019	-1738 SUN	-588
24NOV19 -2 Days =	22 NOV 2019	-1806 SAT	-250
24NOV19 -3 Days =	21 NOV 2019	-1886 FRI	-4511
24NOV19 - 4 Days =	20 NOV 2019	-1667 THU	-2225
24NOV19 -5 Days =	19 NOV 2019	-1606 WED	-1627
24NOV19 -6 Days =	18 NOV 2019	-1436 TUE	-761
24NOV19 -7 Days =	17 NOV 2019	-1435 MON	-3788
24NOV19 - 7 Days - 24NOV19 - 8 Days =	16 NOV 2019	-1663 SUN	-4154
24NOV19 - 6 Days - 24NOV19 - 9 Days =	15 NOV 2019	-1603 SON -1515 SAT	398
24NOV19 - 9 Days = 24NOV19 - 10 Days =			
_	14 NOV 2019	-1645 FRI	2829
24NOV19 -11 Days =	13 NOV 2019	-1939 THU	-9651
24NOV19 -12 Days =	12 NOV 2019	-1498 WED	827
24NOV19 -13 Days =	11 NOV 2019	-1678 TUE	-1194
_	S65E		
		previous 14 days	Avg-Daily Flow
24NOV19 Today=	24 NOV 2019	326 MON	361
24NOV19 - 1 Day =	23 NOV 2019	323 SUN	464
24NOV19 - 2 Days =	22 NOV 2019	281 SAT	265
24NOV19 - 3 Days =	21 NOV 2019	260 FRI	161
24NOV19 -4 Days =	20 NOV 2019	268 THU	186
24NOV19 -5 Days =	19 NOV 2019	272 WED	439
24NOV19 -6 Days =	18 NOV 2019	247 TUE	472
24NOV19 -7 Days =	17 NOV 2019	217 MON	247
24NOV19 - 8 Days =	16 NOV 2019	219 SUN	356
24NOV19 - 9 Days =	15 NOV 2019	217 SAT	367
24NOV19 -10 Days =	14 NOV 2019	214 FRI	244
24NOV19 -11 Days =	13 NOV 2019	217 THU	352
24NOV19 -12 Days =	12 NOV 2019	217 INO	-NR-
24NOV19 - 12 Days = 24NOV19 - 13 Days =	12 NOV 2019 11 NOV 2019	210 WED	-NR-
Z4NOVI9 -13 Days -	11 NOV 2019	231 10E	-1117
_			
_	S65EX1		
	Average Flow over	previous 14 days	Avg-Daily Flow
24NOV19 Today=	24 NOV 2019	28 MON	0
24NOV19 -1 Day =	23 NOV 2019	32 SUN	0
24NOV19 -2 Days =	22 NOV 2019	32 SAT	94
24NOV19 -3 Days =	21 NOV 2019	26 FRI	164
24NOV19 -4 Days =	20 NOV 2019	26 THU	51
24NOV19 -5 Days =	19 NOV 2019	29 WED	0
24NOV19 - 6 Days =	18 NOV 2019	44 TUE	0
24NOV19 -7 Days =	17 NOV 2019	61 MON	0
24NOV19 - 8 Days =	16 NOV 2019	69 SUN	0
24NOV19 -9 Days =	15 NOV 2019	76 SAT	0
24NOV19 -10 Days =	14 NOV 2019	83 FRI	0
24NOV19 - 10 Days = 24NOV19 - 11 Days =	13 NOV 2019		
24NOV19 - 11 Days = 24NOV19 - 12 Days =	13 NOV 2019 12 NOV 2019	87 THU 94 WED	0
24NOV19 -12 Days = 24NOV19 -13 Days =	12 NOV 2019 11 NOV 2019		77
24100VI9 -I3 Days =	11 NOV 2019	104 TUE	

DATE 24 NOV 2019 23 NOV 2019 22 NOV 2019 21 NOV 2019 20 NOV 2019 19 NOV 2019 18 NOV 2019 17 NOV 2019	9 1658 9 877 9 1067 9 1658 9 1553 9 1043	Below S-77 Discharge (ALL-DAY) (AC-FT) 2063 1816 1119 1161 1861 1746 1129 700	S-78 Discharge (ALL DAY) (AC-FT) 1638 1303 379 546 740 1669 2125 366	S-79 Discharge (ALL DAY) (AC-FT) 2461 1503 646 1156 1313 1444 1141 1516	
16 NOV 2019	9 5	-69	356	1490	
15 NOV 2019 14 NOV 2019		663 1286	707 1428	416 1016	
13 NOV 2019		1378	965	1290	
12 NOV 2019	9 1643	1598	1045	924	
11 NOV 2019	9 1708	1656	1470	1560	
	S-310	S-351	S-352	S-354	L8 Canal Pt
	Discharge		Discharge	Discharge	Discharge
	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
24 NOV 2019		662	299	307	379 315
23 NOV 2019 22 NOV 2019		465 933	88 503	244 393	315 363
21 NOV 2019		599	422	448	393
20 NOV 2019		720	874	381	134
19 NOV 2019		1432	991	553	61
18 NOV 2019		643	197	341	-30
17 NOV 2019	9 71	0	0	0	-53
16 NOV 2019		0	0	0	-114
15 NOV 2019		0	0	0	15
14 NOV 2019		0	0	0	-69
13 NOV 2019 12 NOV 2019		0	0	0	-58
12 NOV 2019		0	0 0	0	-9 -129
11 NOV 2013	9 90	O	O	O	-129
	S-308	Below S-308			
	Discharge	Discharge	Discharge		
D 3 MH	(ALL DAY)	(ALL-DAY)	(ALL-DAY)		
DATE 24 NOV 2019	(AC-FT) 9 171	(AC-FT) 100	(AC-FT) 40		
23 NOV 2019		227	36		
22 NOV 2019		535	35		
21 NOV 2019		498	57		
20 NOV 2019		48	41		
19 NOV 2019		331	50		
18 NOV 2019		261	45		
17 NOV 2019		106	35		
16 NOV 2019		112	47		
15 NOV 2019 14 NOV 2019		479 182	26 39		
14 NOV 2019		197	25		
12 NOV 2019		-87	29		
11 NOV 2019		229	41		

*** 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 $\frac{1}{2}$

* 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

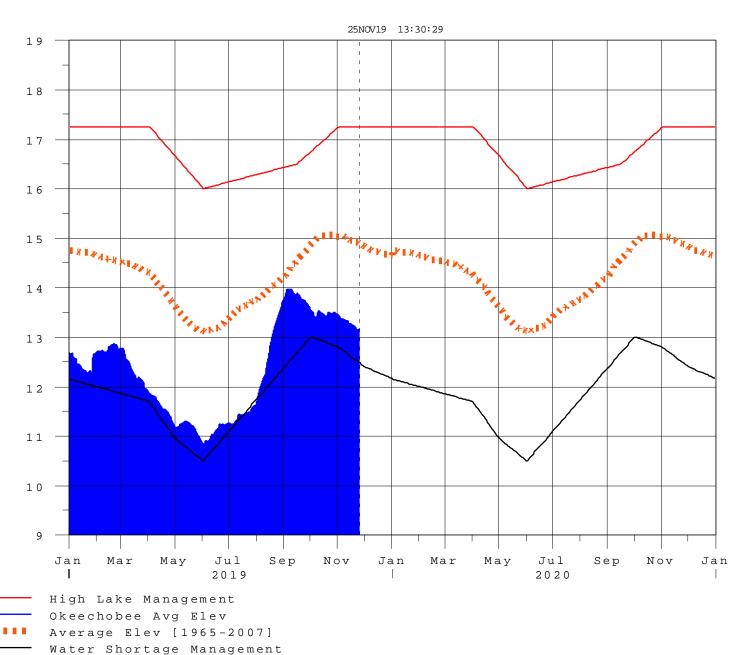
- ++ For more information see the Jacksonville District Navigation website at http://www.saj.usace.army.mil/
- \$ For information regarding Lake Okeechobee Service Area water restrictions

please refer to www.sfwmd.gov

-- Report Generated 25NOV2019 @ 13:39 ** Preliminary Data - Subject to Revision

Report Generated 25NOV2019 @ 13:39 ** Preliminary Data - Subject to Revision **





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G V D

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

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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