Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 5/27/2019 (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		Neuti	ampling of ral ENSO ears ³	Sub-sampling of AMO Warm + Neutral ENSO Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (May- Oct)	N/A	N/A	2.54	Very Wet	2.77	Very Wet	3.83	Very Wet
Multi Seasonal (May- Apr)	N/A	N/A	3.10	Wet	3.46	Wet	5.69	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:

- **-2700 cfs** 14-day running average for Lake Okeechobee Net Inflow through 5/26/2019. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-0.80** for Palmer Index on 5/25/2019. 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 5/27/2019

Lake Okeechobee Stage: 11.02 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	16.12	
	High sub-band	15.60	
Operational Band	Intermediate sub-band	15.04	
	Low sub-band	13.05	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band		← 11.02
Water Shortage M	lanagement Band	10.57	

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 05/27/2019 (ENSO El Niño Condition):

Status for week ending 05/27/2019:

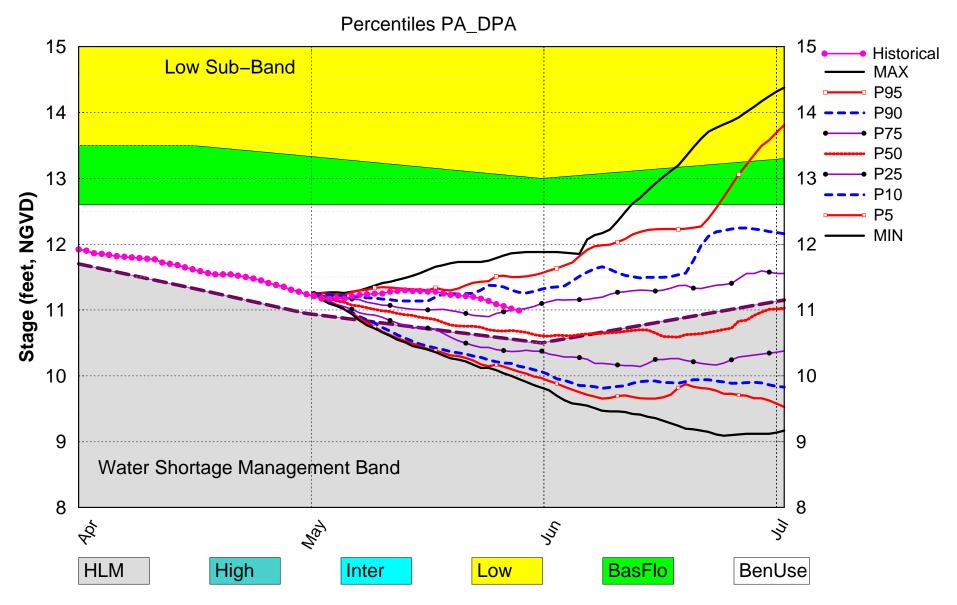
District wide, Raindar rainfall was 0.02 inches for the week. Lake stage on 5/27/2019 was 11.02 ft, NGVD, down 0.20 ft from last week .The updated May 2019 SFWMM Dynamic Position Analysis percentile graph for Lake Okeechobee show that the current lake stage is in the Beneficial Use Sub-band. The LORS2008 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	Ι
	Palmer Index for LOK Tributary Conditions	-0.80 (Normal to Extremely Wet)	٦
	CDC Procinitation Outlook	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Normal	П
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	2.77 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	3.46 ft (Wet)	L
	ENSO Forecast (positive)		
	WCA 1: Canal Gauge (Site 1-8C)	Above Line 1 (15.70 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.93 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Above Line 1 (9.10 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

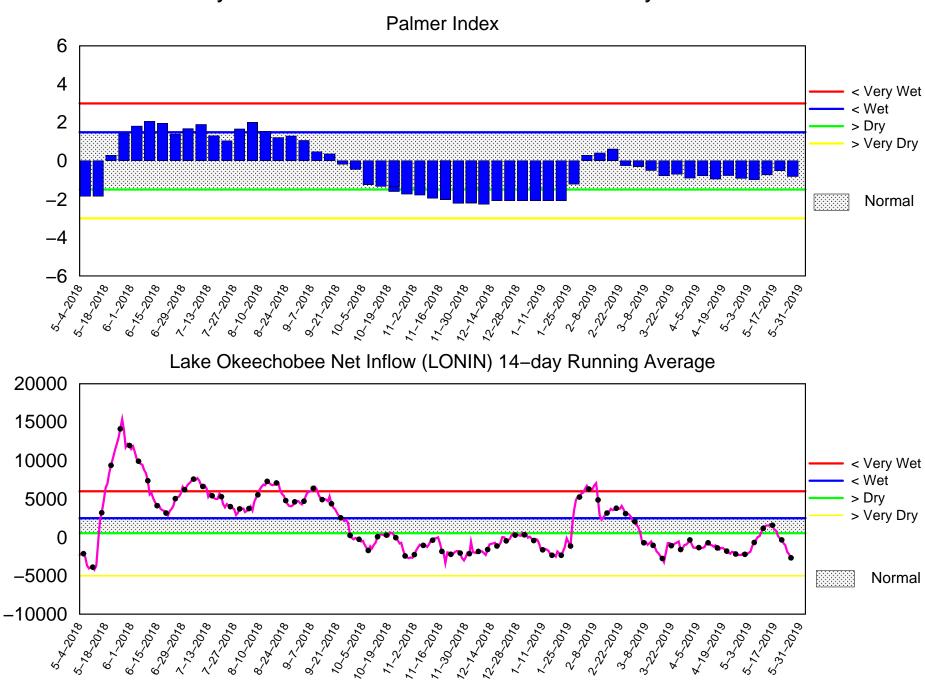
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM May 2019 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of May 27 2019

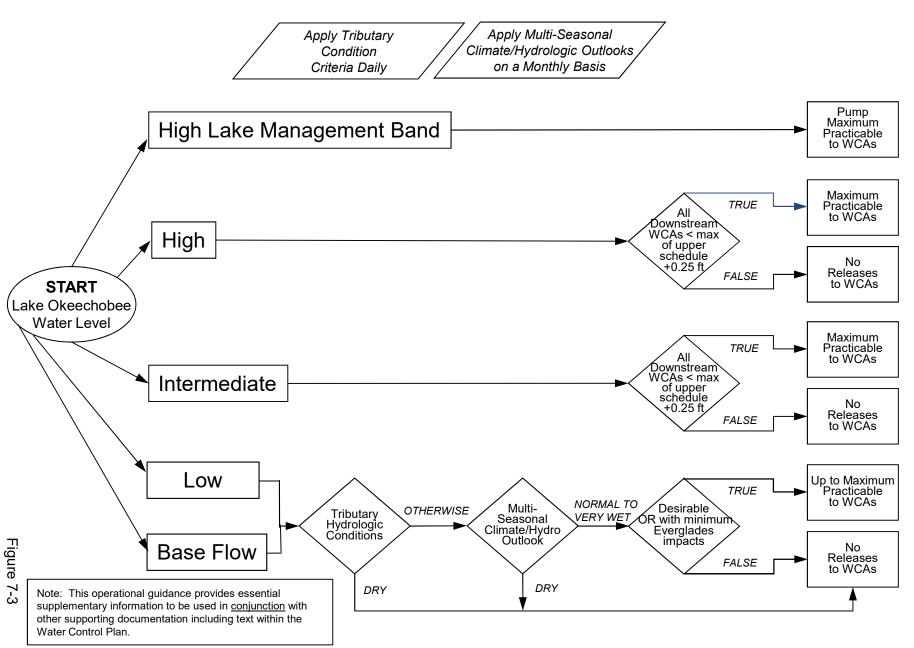


Tue May 28 08:38:43 EDT 2019

Flow (cfs)

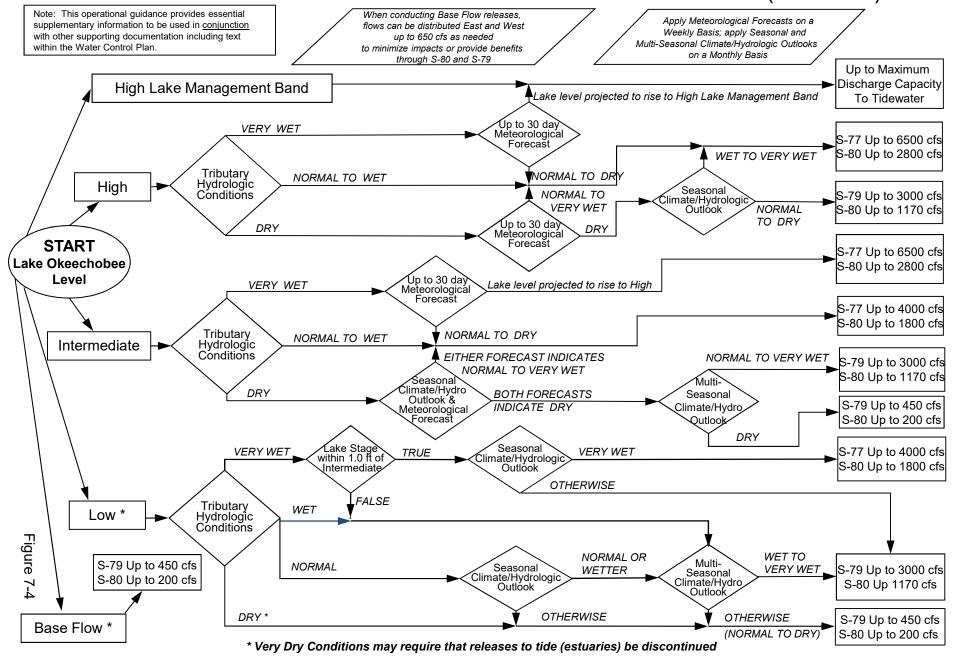
2008 LORS

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

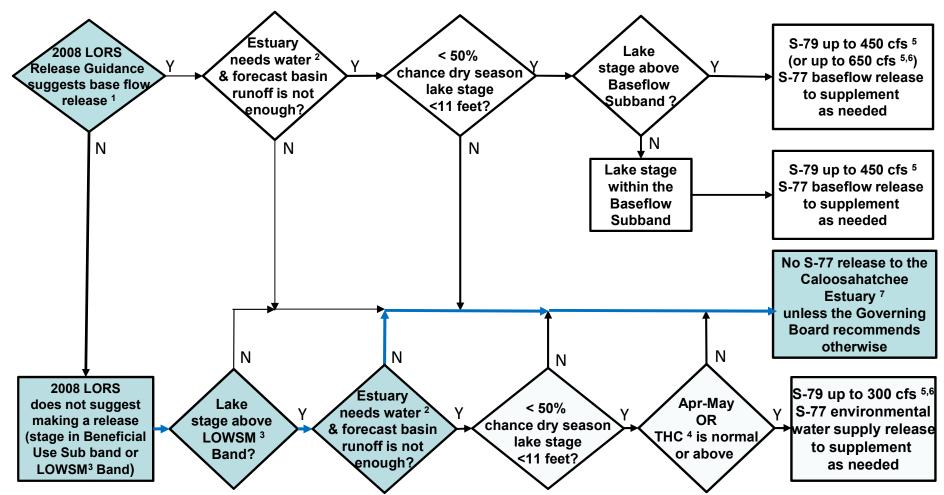


2008 LORS

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.

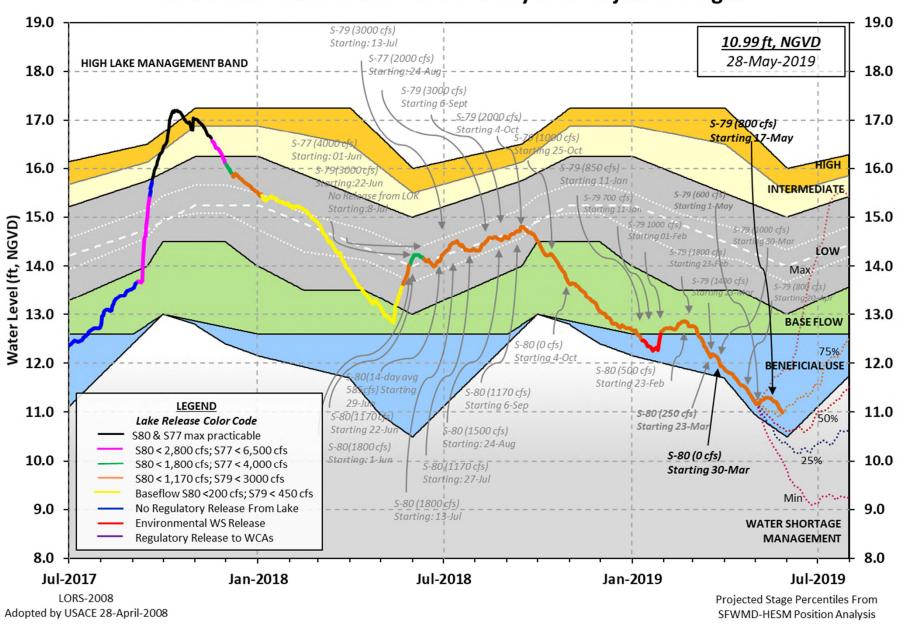
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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 26 MAY 2019

Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) *Okeechobee Lake Elevation 11.02 13.81 -NR- (Official Elv) Bottom of High Lake Mngmt= 16.12 Top of Water Short Mngmt= 10.57 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 11.97 Difference from Average LORS2008 26MAY (1965-2007) Period of Record Average 13.14 Difference from POR Average -2.12Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 4.96' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 3.16' Bridge Clearance = 51.66' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): T_1001 L005 L006 LZ40S4 S352 S308 S133 10.98 11.17 11.08 11.02 11.10 -NR- 10.88 10.94 *Combination Okeechobee Avg-Daily Lake Average = 11.02 (*See Note) Okeechobee Inflows (cfs): S65E 102 109 S65EX1 Fisheating Cr 0 S154 0 S191 0 S135 Pumps S84 0 S133 Pumps 0 S2 Pumps S84X 0 S127 Pumps 0 S3 Pumps 0 S71 Ω S129 Pumps 0 S4 Pumps S72 0 S131 Pumps 0 C5 Total Inflows: 211 Okeechobee Outflows (cfs): S135 Culverts 0 S354 588 S77 740 S127 Culverts 0 S351 560 S308 -3

595

-2

L8 Canal Pt

S352

Okeechobee Pan Evaporation (inches):

0

0

2479

S129 Culverts

S131 Culverts

Total Outflows:

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

S77 0.26 S308 0.18
Average Pan Evap x 0.75 Pan Coefficient = 0.16" = 0.01'

Lake Average Precipitation using NEXRAD: = -NR-" = -NR-'

Evaporation - Precipitation: = -NR-" = -NR-'

Evaporation - Precipitation using Lake Area of 730 square miles is equal to -NR
Lake Okeechobee (Change in Storage) Flow is -7260 cfs or -14400 AC-FT

	Headwater	Tailwater				- Gat	te Pos	sition	ns		
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6	#7	#8
	(ft-msl)	(ft-msl)					(ft)	(ft)			(ft)
) see n								
North East Sh	nore										
S133 Pumps	12.53	10.93	0	0	0	0	0	0	(cfs)	
S193:											
S191:	17.66	10.90	0	0.0	0.0	0.0					
S135 Pumps		10.82	0	0	0	0	0		(cfs)	
S135 Culver	rts:		0	0.0	0.0						
North West Sh	-										
S65E:	21.20	10.83	102	0.0	0.0	0.0	0.0	0.0	0.0		
S65EX1:	21.20	10.83	109			0	0	0	, ,	,	
S127 Pumps:		10.98	0	0	0	0	0	0	(cfs)	
S127 Culver	ît:		0	0.0							
C120 Dumpa	11.90	10.58	0	0	0	0			/afa	\	
S129 Pumps: S129 Culver		10.56	0	0.0	U	U			(cfs	,	
SIZ9 CUIVE			U	0.0							
S131 Pumps:	11.90	11.47	0	0	0				(cfs)	
S131 Culver		,	0	ŭ	ŭ				(020	,	
Fisheating	Creek										
nr Palmda		27.70	0								
nr Lakepo	ort										
C5:		-NR-	0	-NR	NR	NF	-5				
South Shore											
S4 Pumps:	10.83	11.06	0	0	0	0			(cfs)	
S169:	11.03	10.98	154	4.9	4.9	4.9					
S310:	11.04		200								
S3 Pumps:	10.80	11.02	0	0	0	0			(cfs)	
S354:	11.02	10.80	588	3.9	4.0	_	_		, -	,	
S2 Pumps:	10.72	-NR-	0	0	0	0	0		(cfs)	
S351:	-NR-	10.72	560	4.0	4.0	4.0					
S352:		10.65	595	3.1	3.3	_	0 1		0 0		
C10A:	-NR-	11.13	2	8.0	8.0	8.	. 0 (0.0	0.0		
L8 Canal Pl	Ľ	10.95	-2								

```
10.72
                         -NR-
 S351:
                                  560 -NR--NR--NR--NR--NR-
 S352:
              10.65
                                  595
                                      -NR--NR--NR--NR-
                        11.02
 S354:
              10.80
                                  588 -NR--NR--NR-
Caloosahatchee River (S77, S78, S79)
                                        0.0 0.0
 S47B:
              10.97
                        10.80
 S47D:
              10.86
                        10.86
                                  -45
 S77:
   Spillway and Sector Preferred Flow:
              10.92
                     10.78
                                  740 4.5 4.5 4.5 4.5
   Flow Due to Lockages+:
                                   0
 S78:
   Spillway and Sector Flow:
              10.67
                       2.97
                                  883
                                        0.5 2.5 0.0 0.0
   Flow Due to Lockages+:
                                  18
 S79:
   Spillway and Sector Flow:
               3.11
                                  847
                                        0.0 0.0 0.0 1.5 1.0 0.0 0.0 0.0
                       1.61
   Flow Due to Lockages+:
                                  15
   Percent of flow from S77
                                   87%
   Chloride
                                 58
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              10.87
                       11.84
                                0 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                   -3
 S153:
              18.56
                       11.69
                                 16
                                        0.0 0.0
   Spillway and Sector Flow:
                                   0
                                        0.0 0.0 0.0 0.0 0.0 0.0 0.0
              11.96 -0.10
   Flow Due to Lockages+:
                                   26
   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:

S135 Pump Station:

C127 Pump Station:

C+ation:

-NR-
-NR-
-NR-
-NR-
    Okeechobee Field Station: -NR- 0.00
                                                                                                                            0.00
                                                                                               0.00
                                                                      -NR-
                                                                                                                             0.00
                                                                                             0.00
0.00
0.00
5.24
                                                                                                                             0.00
                                                                                                                           0.00
                                                                                                                           0.00
                                                                                                                          5.24
3.24
    S77:
                                                                     5.24
                                                                                                                                                     52
                                                                                                                                                                            3
    S78:
                                                                     3.24
                                                                                               3.24
                                                                                                                                                   106
                                                                                                                                                                            3
    S79:
                                                                      4.09
                                                                                               4.09
                                                                                                                           4.09
                                                                                                                                                   104
                                                                                                                                                                            3
                                                                                       0.00
0.00
0.00
0.00
4.58
7.35
                                                                                                                            0.00
    S4 Pump Station:
                                                                      -NR-
    S4 Pump Station Clewiston Field Station:
                                                                      -NR-
                                                                                                                             0.00
    S3 Pump Station:
                                                                      -NR-
                                                                                                                            0.00
    S2 Pump Station:
                                                                                                                           0.00
                                                                      -NR-
                                                                                                                         4.96 65
7.35 347
    S308:
                                                                      4.58
    S80:
                                                                       7.35
                 Okeechobee Average 4.91 0.76
                                                                                                                            0.78
                  (Sites S78, S79 and S80 not included)
    ______
    Oke Nexrad Basin Avg
                                                                     -NR- 0.00 0.00
                                                                                                           11.02 D:
11.06
11.09
11.14
11.17
11.20
11.21
11.22
11.35
13.81
-NR-
Okeechobee Lake Elevations 26 MAY 2019
                                                                                                                   11.02 Difference from 26MAY19

      26MAY19
      -1 Day
      25 MAY
      2019

      26MAY19
      -2 Days
      24 MAY
      2019

      26MAY19
      -3 Days
      23 MAY
      2019

      26MAY19
      -4 Days
      22 MAY
      2019

      26MAY19
      -5 Days
      21 MAY
      2019

      26MAY19
      -6 Days
      20 MAY
      2019

      26MAY19
      -7 Days
      19 MAY
      2019

      26MAY19
      -30 Days
      26 APR
      2019

      26MAY19
      -1 Year
      26 MAY
      2018

      26MAY19
      -2 Year
      26 MAY
      2017

                                                                                                                                       0.04
                                                                                                                                                            0.07
                                                                                                                                                          0.12
                                                                                                                                                          0.15
                                                                                                                                                          0.18
                                                                                                                                                          0.19
                                                                                                                                                           0.20
                                                                                                                                                           0.33
                                                                                                                                                           2.79
                                                                                                                -NR-
                                                                                                                                                           -NR-
Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 5.05
                                                         Lake Okeechobee Net Inflow (LONIN)
                                          Average Flow over the previous 14 days | Avg-Daily Flow

      26MAY19
      Today =
      26 MAY 2019
      -2670 MON

      26MAY19
      -1 Day =
      25 MAY 2019
      -2186 SUN

      26MAY19
      -2 Days =
      24 MAY 2019
      -1831 SAT

      26MAY19
      -3 Days =
      23 MAY 2019
      -960 FRI

      26MAY19
      -4 Days =
      22 MAY 2019
      -729 THU

      26MAY19
      -5 Days =
      21 MAY 2019
      -287 WED

      26MAY19
      -6 Days =
      20 MAY 2019
      -72 TUE

      26MAY19
      -7 Days =
      19 MAY 2019
      252 MON

      26MAY19
      -8 Days =
      18 MAY 2019
      910 SUN

      26MAY19
      -9 Days =
      17 MAY 2019
      1064 SAT

      26MAY19
      -10 Days =
      16 MAY 2019
      1642 FRI

      26MAY19
      -11 Days =
      15 MAY 2019
      1712 THU

      26MAY19
      -12 Days =
      14 MAY 2019
      1599 WED

      26MAY19
      -13 Days =
      13 MAY 2019
      1581 TUE

                                                                                                                                               -4776
      26MAY19 Today = 26 MAY 2019 -2670 MON
                                                                                                                                                   -3152
                                                                                                                                                   -6752
                                                                                                                                                   -3242
                                                                                                                                                   -4221
                                                                                                                                                    -1025
                                                                                                                                                     -477
                                                                                                                                                     -1458
                                                                                                                                                    -3204
                                                                                                                                                   -5445
                                                                                                                                                       0
                                                                                                                                                   -1815
                                                                                                                                                        0
                                                                                                                                                    -1815
```

S65E

Average Flow over previous 14 days | Avg-Daily Flow 26MAY19 Today= 26 MAY 2019 501 MON

26MAY19	-1	Day	=	25	MAY	2019	528	SUN	1	395
26MAY19	-2	Days	=	24	MAY	2019	534	SAT	į	398
26MAY19	-3	Days	=	23	MAY	2019	535	FRI	İ	441
26MAY19	-4	Days	=	22	MAY	2019	530	THU	ĺ	550
26MAY19	-5	Days	=	21	MAY	2019	530	WED		546
26MAY19	-6	Days	=	20	MAY	2019	503	TUE		547
26MAY19	-7	Days	=	19	MAY	2019	464	MON		529
26MAY19	-8	Days	=	18	MAY	2019	426	SUN		558
26MAY19	-9	Days	=	17	MAY	2019	386	SAT		642
26MAY19	-10	Days	=	16	MAY	2019	340	FRI		664
26MAY19	-11	Days	=	15	MAY	2019	293	THU		562
26MAY19	-12	Days	=	14	MAY	2019	253	WED		555
26MAY19	-13	Days	=	13	MAY	2019	213	TUE		499

		S65EX1			
	Average	Flow over	previous	14 days	Avg-Daily Flow
26MAY19 Today=	= 26	MAY 2019	275	MON	109
26MAY19 -1 Day =	= 25	MAY 2019	295	SUN	211
26MAY19 -2 Days =	= 24	MAY 2019	309	SAT	213
26MAY19 -3 Days =	= 23	MAY 2019	322	FRI	213
26MAY19 -4 Days =	= 22	MAY 2019	335	THU	229
26MAY19 -5 Days =	= 21	MAY 2019	347	WED	313
26MAY19 -6 Days =	= 20	MAY 2019	354	TUE	288
26MAY19 -7 Days =	= 19	MAY 2019	362	MON	287
26MAY19 -8 Days =	18	MAY 2019	370	SUN	286
26MAY19 -9 Days =	= 17	MAY 2019	376	SAT	286
26MAY19 -10 Days =	= 16	MAY 2019	378	FRI	288
26MAY19 -11 Days =	= 15	MAY 2019	381	THU	315
26MAY19 -12 Days =	= 14	MAY 2019	384	WED	404
26MAY19 -13 Days =	= 13	MAY 2019	376	TUE	402

Lake Okeechobee Outlets Last 14 Days

			S-77	Below S-77	S-78	S-79	
			Discharge	Discharge	Discharge	Discharge	
			(ALL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)	
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
26	MAY	2019	1502	2040	1788	1693	
25	MAY	2019	1461	2154	1584	1945	
24	MAY	2019	1549	1743	1203	883	
23	MAY	2019	1726	1921	985	742	
22	MAY	2019	1220	1655	544	552	
21	MAY	2019	385	930	229	850	
20	MAY	2019	1275	1725	502	1968	
19	MAY	2019	696	1076	1728	1953	
18	MAY	2019	876	1056	1633	2285	
17	MAY	2019) 1	11	1741	4101	
16	MAY	2019	-1	209	1802	3566	
15	MAY	2019	-2	-8	337	2262	
14	MAY	2019	-1	139	519	1251	
13	MAY	2019	0	209	629	1796	
			S-310	S-351	S-352	S-354	L8 Canal Pt
			Discharge	Discharge	Discharge	Discharge	Discharge
			(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)

26	MAY	2019	396	1111	1180	920	-4
25	MAY	2019	475	726	1150	993	-4
24	MAY	2019	449	404	1068	976	-9
23	MAY	2019	460	282	928	898	-15
22	MAY	2019	436	0	1002	0	-17
21	MAY	2019	276	0	1114	81	-18
20	MAY	2019	145	0	843	357	-1
19	MAY	2019	48	0	0	0	-2
18	MAY	2019	47	0	0	0	-25
17	MAY	2019	-85	0	0	0	-39
16	MAY	2019	-249	0	0	0	-72
15	MAY	2019	-209	0	0	0	-186
14	MAY	2019	-354	0	0	0	-212
13	MAY	2019	-338	0	0	0	-226

			S-308	Below S-308	S-80
			Discharge	Discharge	Discharge
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)
26	MAY	2019	-5	237	52
25	MAY	2019	-7	136	59
24	MAY	2019	-9	86	47
23	MAY	2019	-9	101	49
22	MAY	2019	-NR-	27	44
21	MAY	2019	-NR-	58	52
20	MAY	2019	-NR-	-248	53
19	MAY	2019	-NR-	-105	53
18	MAY	2019	-NR-	183	56
17	MAY	2019	-NR-	203	29
16	MAY	2019	-NR-	166	57
15	MAY	2019	-NR-	74	56
14	MAY	2019	-NR-	-222	760
13	MAY	2019	-NR-	-287	712

*** 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 \min of interior and edge gages to obtain a more reliable representation of the lake level.

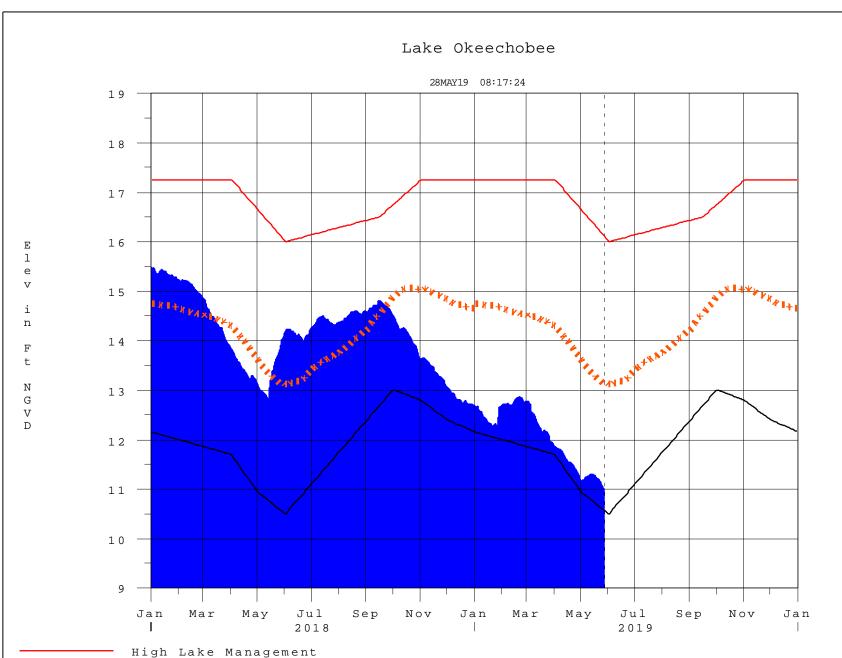
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 27MAY2019 @ 23:39 ** Preliminary Data - Subject to Revision **



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

Classification Tables

Supplemental Tables used in conjunction with the LORS2008

Release

Guidance Flow Charts

• Class Limits for Tributary Hydrologic Conditions

Table K-2 in the Lake Okeechobee Water Control Plan

• 6-15 Day Precipitation Outlook Categories

Table ?? in the Lake Okeechobee Water Control Plan

• Classification of Lake Okeechobee Net Inflow for Seasonal

Outlook

Table K-3 in the Lake Okeechobee Water Control Plan

Classification of Lake Okeechobee Net Inflow for Multi-

Seasonal Outlook

Table K-4 in the Lake Okeechobee Water Control Plan

Back to Lake Okeechobee Operations Main Page

Back to U.S. Army Corps of Engineers Lake Okeechobee Operations Homepage

Tributary Hydrologic	Palmer Index	2-wk Mean L.O. Net	
Classification*	Class Limits	Inflow Class Limits	
Very Wet	3.0 or greater	Greater >= 6000 cfs	
Wet	1.5 to 2.99	2500 - 5999 cfs	
Near Normal	-1.49 to 1.49	500 - 2499 cfs	
Dry	-2.99 to -1.5	-5000 – 500 cfs	
Very Dry	-3.0 or less	Less than -5000 cfs	

^{*} use the wettest of the two indicators

Classification of Lake Okeechobee Net Inflow Seasonal Outlook*

Lake Net Inflow Prediction	Equivalent Depth**	Lake Okeechobee
[million acre-feet]	[feet]	Net Inflow
[[1000]	Seasonal Outlook
> 0.93	> 2.0	Very Wet
0.71 to 0.93	1.51 to 2.0	Wet
0.35 to 0.70	0.75 to 1.5	Normal
< 0.35	< 0.75	Dry

^{**}Volume-depth conversion based on average lake surface area of 467,000 acres

Classification of Lake Okeechobee Net Inflow Multi-Seasonal Outlook*

Lake Net Inflow Prediction	Equivalent Depth**	Lake Okeechobee
[million acre-feet]	[feet]	Net Inflow
		Multi-Seasonal Outlook
> 2.0	> 4.3	Very Wet
1.18 to 2.0	2.51 to 4.3	Wet
0.5 to 1.17	1.1 to 2.5	Normal
< 0.5	< 1.1	Dry

^{**}Volume-depth conversion based on average lake surface area of 467,000 acres

6-15 Day Precipitation Outlook Categories*

6-15 Day Precipitation Outlook Categories	WSE Decision Tree Categories
Above Normal	Wet to Very Wet
Normal	Normal
Below Normal	Dry

^{*} Corresponds to Table 7-6 in the Lake Okeechobee Water Control Plan

Under Construction