Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 7/17/2017 (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 Neutral 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*}	Empirical Neutral ENSO Method ² Years ³ AMO		Empirical Neutral ENSO		ampling of Warm + ral ENSO ears ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Jul-Dec)	N/A	N/A	2.26	Very Wet	2.55	Very Wet	3.70	Very Wet
Multi Seasonal (Jul-Apr)	N/A	N/A	2.54	Wet	4.03	Wet	3.88	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.

Tributary Hydrologic Conditions Graph:

1392 cfs 14-day running average for Lake Okeechobee Net Inflow through 7/16/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

-2.54 for Palmer Index on 7/15/2017.

According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 7/17/2017

Lake Okeechobee Stage: 12.56 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechobee Management		Bottom Elevation	Current
Zone	/Band	(feet, NGVD)	Lake Stage
High Lake Manag	oment Band	16.21	
High Lake Manage	ement band	10.21	
	High sub-band	15.77	
Operational Band	Intermediate sub-band	15.32	
	Low sub-band	13.43	
Base Flow sub-band		12.60	
Beneficial Use sub-band		11.44	← 12.56
Water Shortage M	Water Shortage Management Band		

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: No releases to the WCAs.

Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: No releases to the Estuaries.

Technical Input Summaries from:

- Lake Okeechobee Division
- Coastal Ecosystems
- Everglades Ecosystems Division
- Water Supply Department
- Water Resource Management Release Recommendation
- Kissimmee Watershed Environmental Conditions
- Operations Department

Back to Lake Okeechobee Operations Main Page

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

LORS2008 Implementation on 7/17/2017 (ENSO Neutral Condition):

Status for week ending 7/17/2017:

District wide, Raindar rainfall was 2.30 inches for the week. Lake stage on 7/17/2017 was 12.56 ft, up 0.12 ft from last week.

The updated July 2017 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Beneficial Use Operational Sub-Band.

The LORS2008 tributary <u>indices</u> are classified as **Normal**. The PDSI indicates dry condition and the LONIN is Normal. The classification is based on the wetter of the two.

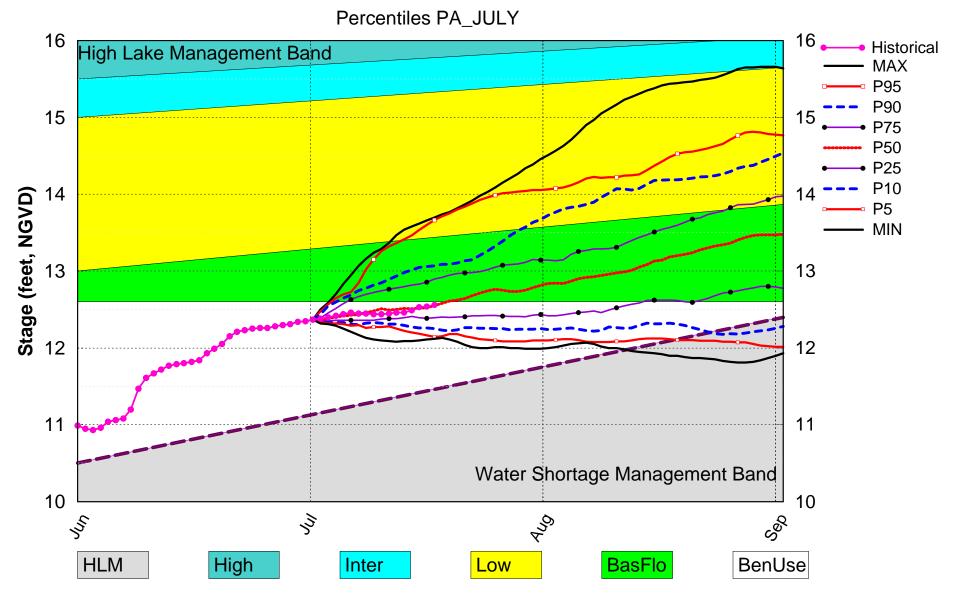
Water Supply Risk Evaluation

vvaler	ater 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	-2.54 (Extremely Dry)	н			
	CDC Procinitation Outlook	1 month: Normal	L			
LOK	CPC Precipitation Outlook	3 months: Normal	L			
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	2.55 ft (Normal)	L			
	LOK Multi-Seasonal Net Inflow Outlook	4.03 ft (Wet)	L			
	ENSO La Nina Years					
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.47 ft)	L			
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.98 ft)	L			
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (11.34 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.

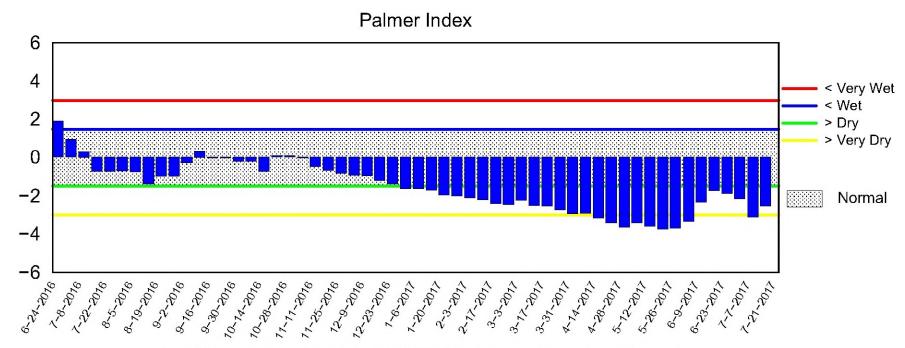
Back to Lake Okeechobee Operations Main Page
Back to U.S. Army Corps of Engineers LORSS Homepage

Lake Okeechobee SFWMM July 2017 Dynamic Position Analysis

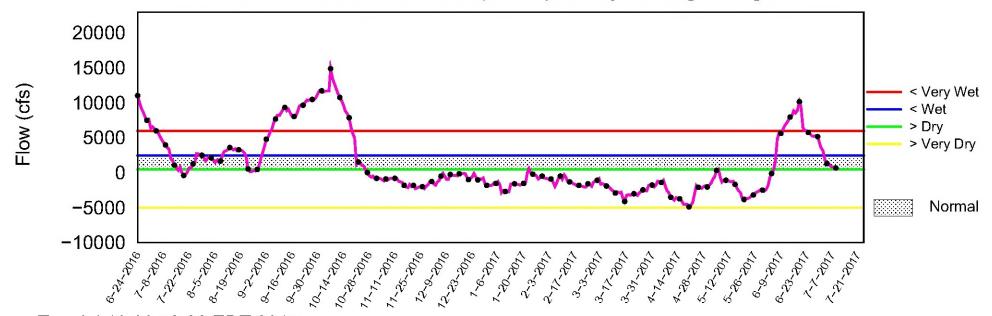


(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of July 17 2017

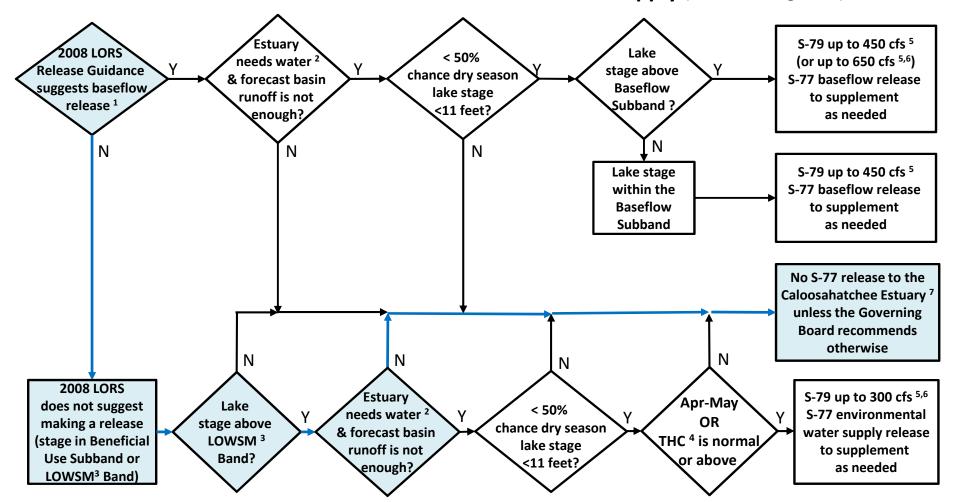






Tue Jul 18 08:59:32 EDT 2017

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 19.0 12.58 ft, NGVD 19.0 S-77 (3000 cfs for 7 days) S-79 (21-day transitional release) 18-July-2017 Starting: 1-July Starting: 28-Oct S-77 (2800 cfs for 7 days) HIGH LAKE 18.0 18.0 Starting: 15-Jul, 5-Aug, 16-Sep MANAGEMENT S-77 (4000 cfs for 7 days) BAND Starting: 23-Sep S-79 (650 cfs for 7 days 17.0 17.0 -S=79 (3000 cfs for 7 days Starting: 11,18,25-Nov; Max Starting: 21-Oct 2,9,16-Dec 16.0 16.0 HIGH INTERMEDIATE S-79 (450 cfs for 7 days) 15.0 15.0 Water Level (ft, NGVD) Starting: 31-Mar; 7-Apr S-79 (300 cfs for 7 days) Starting: 14,21,28-Apr; 5,12-May 50% 14.0 14.0 S-79 (375 cfs for 7 days) Starting: 19, 26-May; S-80 (0 cfs) 2-140 S-77 (Ocfs) Starting: 4,11,18,25-Nov; Starting: 9, 16, 13.0 13.0 9,16-Dec BASE FLOW 23, 30-Jun; S-80 (21-day transitional release) 7, 14-Jul Starting: 28-Oct **BENEFICIAL USE** S-80 (1170 cfs for 7 days) 12.0 12.0 S-80 (0 cfs) Starting: 21-Oct WATER SHORTAGE Starting: 31 Max: MANAGEMENT S-80 (1800 cfs for 7 days) 19, 26-May; 2-Jun 11.0 Starting: 23-Sep LEGEND 11.0 Min Lake Release Color Code S-80 (1170 cfs for 7 days) S80 & S77 max practicable Starting: 16-Sep S-80 (0 cfs) S80 < 2,800 cfs; S77 < 6,500 cfs 10.0 10.0 Starting: 9, 16, S80 < 1,800 cfs; S77 < 4,000 cfs S-80 (650 cfs for 7 days) 23, 30-Jun; S80 < 1,170 cfs; S79 < 3000 cfs Starting: 15-July, 5-Aug 7, 14-Jul Baseflow S80 < 200 cfs; S79 < 450 cfs 9.0 - S-80 (1170 cfs for 7 days) 9.0 No Regulatory Release From Lake Starting: 1-July Environmental WS Release Regulatory Release to WCAs 8.0 8.0 Jul-2016 Jan-2017 Jul-2017 Jan-2018 Jul-2018 LORS-2008 Projected Stage Percentiles From Adopted by USACE 28-April-2008 SFWMD-HESM Position Analysis

Data Ending 2400 hours 16 JUL 2017

	mours i				
Okeechobee Lake	Regulation			ar 2YRS Ago D) (ft-NGVD)	
*Okeechobee La Bottom of High Currently in (n Lake Mngm	t= 16.21 Top	of Water Sho	·	fficial Elv) .43
Simulated Aver Difference fro			12.49 0.07		
16JUL (1965-20 Difference fro			erage 13.0		
Today Lake Oke stations	eechobee el	evation is de	termined from	m the 4 Int &	4 Edge
++Navigation I	Depth (Base	d on 2007 Chai	nnel Conditio	on Survey) Rou	ute 1 ÷
6.50' ++Navigation I 4.70' Bridge Clearar			nnel Conditio	on Survey) Rou	ute 2 ÷
_					
4 Interior and 4	ł Edge Okee	chobee Lake A	verage (Avg-1	Daily values)	:
L001 L005 12.46 12.63	L006 LZ4 12.57 12.			5133 12.49	
*Combination O	reechobee	Avg-Daily Lake	_	12.56 (*See Note)	
Okeechobee Inflo	ows (cfs):				
S65E	0	S65EX1	1081	Fisheating Co	r 363
S154	0	S191	0	S135 Pumps	0
S84	0	S133 Pumps	0	S2 Pumps	0
S84X	626	S127 Pumps	0	S3 Pumps	0
S71	45	S129 Pumps	0	S4 Pumps	0
S72 Total Inflows:	42 2156	S131 Pumps	0	C5	0
Okeechobee Outfl		-0-4	-		_
S135 Culverts	0	S354	0	S77	1
S127 Culverts	0	S351	0	S308	-NR-
S129 Culverts	-NR-	S352	153		
S131 Culverts	3	L8 Canal Pt	-280	20 - 1 - 3	
Total Outflows:	No Report	Due To Missin	ng S77 or S30	J8 Discharge I	Data

****S77 structure flow is being used to compute Total Outflow. ****S308 below flow meter is being used to compute Total Outflow. Okeechobee Pan Evaporation (inches): 0.20 S308 0.07 S77 Average Pan Evap x 0.75 Pan Coefficient = 0.10" = 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 3933 cfs or 7800 AC-FT Note: Headwater, tailwater, and stage values below are instantaneous values unless otherwise specified. Headwater Tailwater ----- Gate Positions -----

Elevation Elevation Disch #1 #2 #3 #4 #	‡5 #6 #7
(ft-msl) (ft-msl) (cfs) (ft) (ft) (ft) (ft)	(ft) (ft)
(ft)	
(I) see note at bottom	
North East Shore	
S133 Pumps: 12.99 12.53 0 0 0 0 0 S193:	0 (cfs)
S191: 18.82 12.52 0 0.0 0.0 0.0	
S135 Pumps: 13.51 12.42 0 0 0 0	(cfs)
S135 Culverts: 0 0.0 0.0	
North West Shore	
	0.0
S65EX1: 20.99 12.52 1081	0.0
S127 Pumps: 12.95 12.73 0 0 0 0	0 (cfs)
S127 Culvert: 0 0.0	o (CID)
S129 Pumps: 12.87 12.68 0 0 0 0	(cfs)
S129 Culvert: -NR- 0.0	
S131 Pumps: 12.90 12.79 0 0 0	(cfs)
S131 Culvert: 3	(CIB)
Fisheating Creek	
nr Palmdale 31.80 363	
nr Lakeport	
C5:NR- 0 -NRNR-	
South Shore	
S4 Pumps: 12.69 12.50 0 0 0	(cfs)

```
S169: 12.63 12.68 4 5.0 5.0 5.0 S310: -118
 S3 Pumps: 9.56
S354: 12.49
S2 Pumps: 10.61

    9.56
    12.49
    0
    0
    0
    0

    12.49
    9.56
    0
    0.0
    0.0

                                                         (cfs)
                   12.40
                   12.40 0 0 0 0
10.61 0 0.0 0.0 0.0
9.44 153 0.0 0.0
                                   0 0 0 0
                                                        (cfs)
 S351: 12.40
           12.65
 S352:
 C10A:
                                  8.0 8.0 8.0 0.0 0.0
            -NR-
                     12.76
                     12.64 -280
 L8 Canal PT
               S351 and S352 Temporary Pumps/S354 Spillway
            10.61
                     12.40
                             0 -NR--NR--NR--NR--NR-
                    12.65
12.49
 S352:
            9.44
                            153 -NR--NR--NR--NR-
                             0 -NR--NR--NR-
 S354:
             9.56
Caloosahatchee River (S77, S78, S79)
 S47B: 14.44 11.05
                                  0.0 0.0
 S47D:
            11.05
                    11.04
                            65 6.5
 S77:
   Spillway and Sector Flow:
            12.67 11.13 0.00 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                             1
 S77 Below USGS Flow Gage
                           -138
 S78:
   Spillway and Sector Flow:
             -NR- -NR-
                            -NR- 1.0 0.0 0.0 1.0
  Flow Due to Lockages+:
                            -NR-
 S79:
   Spillway and Sector Flow:
           2.97 1.84 1722 1.0 1.0 1.0 1.0 1.0 1.0
0.0
   Flow Due to Lockages+:
   Percent of flow from S77
                              0 응
             (ppm) 54
   Chloride
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Flow:
            Flow Due to Lockages+: -NR-
 S308 Below USGS Flow Gage
                           -220
        18.50 12.31
 S153:
                            195 0.3 0.4
 S80:
   Spillway and Sector Flow:
             0.00 0.00 -2429 0.0 0.0 0.0 0.0 0.0 0.0
   Flow Due to Lockages+: -NR-
   Percent of flow from S308
                            9%
 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.

-				Wi	nd
eaily Precipitation Totals Speed	1-Day	3-Day	7-Day	Directio	n
Figure	(inches)	(inches)	(inches)	(Degø)	
mph)					
S133 Pump Station:	-NR-	0.00	0.00		
S193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-	0.00	0.00		
S135 Pump Station:	-NR-	0.00	0.00		
S127 Pump Station:	-NR-	0.00	0.00		
S129 Pump Station:	-NR-	0.00	0.00		
S131 Pump Station:	-NR-	0.00	0.00		
S77:	0.00	0.53	1.82	160	2
S78:	0.00	0.07	0.81	-NR-	-NR-
S79:	0.00	0.09	0.66	270	0
S4 Pump Station:	-NR-	0.00	0.00		
Clewiston Field Station:	-NR-	0.00	0.00		
S3 Pump Station:	-NR-	0.00	0.00		
S2 Pump Station:	-NR-	0.00	0.00		
S308:	0.04	0.04	0.50	140	4
S80:	0.96	0.96	0.98	0	0
Okeechobee Average	0.02	0.04	0.18		
(Sites S78, S79 and	S80 not inc	cluded)			
Oke Nexrad Basin Avg	-NR-	0.47	1.62		

_ Okeechobee Lake Elevations	16 JUL 2017	12.56 Difference	from
16JUL17			
16JUL17 -1 Day =	15 JUL 2017	12.54	-0.02
16JUL17 -2 Days =	14 JUL 2017	12.53	-0.03
16JUL17 -3 Days =	13 JUL 2017	12.49	-0.07
16JUL17 -4 Days =	12 JUL 2017	12.46	-0.10
16JUL17 -5 Days =	11 JUL 2017	12.46	-0.10
16JUL17 -6 Days =	10 JUL 2017	12.45	-0.11
16JUL17 -7 Days =	09 JUL 2017	12.44	-0.12
16JUL17 -30 Days =	16 JUN 2017	11.93	-0.63
16JUL17 -1 Year =	16 JUL 2016	14.71	2.15
16JUL17 -2 Year =	16 JUL 2015	11.98	-0.58

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 4.52

_			
		Net Inflow (LONIN)	
Avera		previous 14 days	Avg-Daily Flow
16JUL17 Today =	16 JUL 2017	2321 MON	4085
16JUL17 -1 Day =	15 JUL 2017	2303 SUN	2571
16JUL17 - 2 Days =	14 JUL 2017	2256 SAT	7865
16JUL17 -3 Days =	13 JUL 2017	1968 FRI	5899
16JUL17 - 4 Days =	12 JUL 2017	1684 THU	0
16JUL17 -5 Days =	11 JUL 2017	2094 WED	1966
16JUL17 -6 Days =	10 JUL 2017	2091 TUE	1966
16JUL17 -7 Days =	09 JUL 2017	2261 MON	0
16JUL17 -8 Days =	08 JUL 2017	2554 SUN	-1942
16JUL17 -9 Days =	07 JUL 2017	2693 SAT	154
16JUL17 -10 Days =	06 JUL 2017	2822 FRI	-1864
16JUL17 -11 Days =	05 JUL 2017	3236 THU	3933
16JUL17 -12 Days =	04 JUL 2017	3236 WED	3933
16JUL17 -13 Days =	03 JUL 2017	3780 TUE	3933
112			
_			
_			
	S65E		
A	verage Flow over	previous 14 days	Avg-Daily Flow
16JUL17 Today=	16 JUL 2017	0 MON	0
16JUL17 -1 Day =	15 JUL 2017	0 SUN	0
16JUL17 -2 Days =	14 JUL 2017	0 SAT	0
16JUL17 -3 Days =	13 JUL 2017	0 FRI	0
16JUL17 - 4 Days =	12 JUL 2017	0 THU	0
16JUL17 -5 Days =	11 JUL 2017	0 WED	0
16JUL17 -6 Days =	10 JUL 2017	0 TUE	0
16JUL17 -7 Days =	09 JUL 2017	0 MON	0
16JUL17 -8 Days =	08 JUL 2017	0 SUN	0
16JUL17 -9 Days =	07 JUL 2017	0 SAT	0
16JUL17 -10 Days =	06 JUL 2017	0 FRI	0
16JUL17 -11 Days =	05 JUL 2017	0 THU	0
16JUL17 -12 Days =	04 JUL 2017	0 WED	0
16JUL17 -13 Days =	03 JUL 2017	0 TUE	0
_	S65EX1		
		previous 14 days	Avg-Daily Flow
16JUL17 Today=	16 JUL 2017	899 MON	1081
16JUL17 -1 Day =	15 JUL 2017	932 SUN	1076
16JUL17 - 2 Days =	14 JUL 2017	974 SAT	1025
16JUL17 - 3 Days =	13 JUL 2017	1027 FRI	862
16JUL17 - 4 Days =	12 JUL 2017	1094 THU	785
16JUL17 -5 Days =	11 JUL 2017	1169 WED	681
16JUL17 -6 Days =	10 JUL 2017	1250 TUE	659
16JUL17 -7 Days =	09 JUL 2017	1322 MON	643
16JUL17 -8 Days =	08 JUL 2017	1389 SUN	728
16 TH 17 0 David -	07 TIIT 2017	1//0 075	764

07 JUL 2017

06 JUL 2017

1449

1497

1546

1581

SAT

FRI

THU

WED

764

785

943

1205

16JUL17 -9 Days =

16JUL17 -10 Days =

16JUL17 -11 Days = 05 JUL 2017 16JUL17 -12 Days = 04 JUL 2017 _ Lake Okeechobee Outlets Last 14 Days

	acreed Labe II	Days		
S-77	Below S-77	S-78	S-79	
Discha		Discharge	Discharge	
(ALL D		(ALL DAY)	(ALL DAY)	
DATE (AC-F		(AC-FT)	(AC-FT)	
· · · · · · · · · · · · · · · · · · ·	2 –273	-NR-	3409	
	3 –59	1094	3146	
	3 –244	724		
			2819	
	3 -163	711	2712	
	2 –137	713	1857	
	3 -74	557	1765	
	1 -87	368	1834	
	3 –153	-NR-	1168	
08 JUL 2017 4		19	1237	
07 JUL 2017 29		24	998	
06 JUL 2017 21	0 182	222	1761	
05 JUL 2017	3 –298	362	2875	
04 JUL 2017	3 -114	362	2094	
	6 -158	699	3134	
S-31	0 S-351	S-352	S-354	L8 Canal Pt
Discha		Discharge	Discharge	
(ALL D		(ALL DAY)	(ALL DAY)	(ALL DAY)
DATE (AC-F		(AC-FT)	(AC-FT)	(AC-FT)
16 JUL 2017 -23		303	0	-554
15 JUL 2017 -48		1067	0	-614
14 JUL 2017 -40		0	0	-763
13 JUL 2017 -19		0	0	-816
12 JUL 2017 23		0	0	-593
11 JUL 2017 17		0	0	-625
10 JUL 2017 30		0	0	-700
09 JUL 2017 18		0	0	-744
08 JUL 2017 31		0	0	-731
07 JUL 2017 36		0	0	-798
06 JUL 2017 38	7 0	0	0	-957
05 JUL 2017 33	3 0	0	0	-1076
04 JUL 2017 37	5 0	0	0	-1040
03 JUL 2017 17	0 0	0	0	-992
S-30	8 Below S-30	08 S-80		
Discha			2	
(ALL D				
DATE (AC-F		(AC-FT)		
16 JUL 2017 -NR		-NR-		
15 JUL 2017 -86		-NR-		
14 JUL 2017 -131		-NR-		
13 JUL 2017 -NR		10		
12 JUL 2017 -182		25		
		25 28		
10 JUL 2017 -82		18		
09 JUL 2017 -75		28		
08 JUL 2017 -35		35		
07 JUL 2017 -51	3 –391	42		

06	JUL	2017	-1505	-521	28
05	JUL	2017	-1332	-300	36
04	JUL	2017	-910	-598	18
03	JUL	2017	-1195	-699	40

*** NOTE: Discharge (ALL DA

Discharge (ALL DAY) is computed using Spillway, Sector Gate

and

Lockages Discharges from 0015 hrs to 2400 hrs.

_

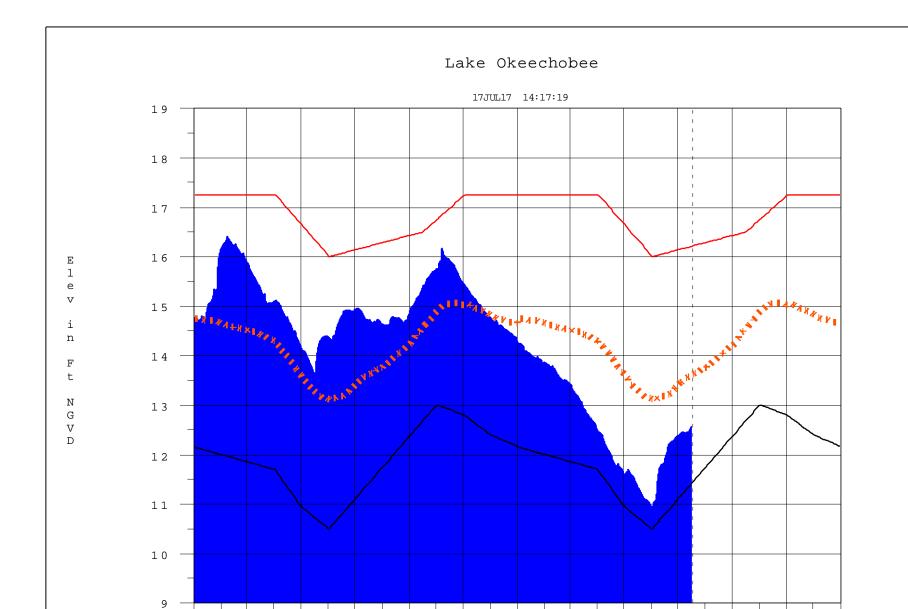
(I) - Flows preceded by "I" signify an instantaneous flow computed from the single value reported for the day

- * 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 $$\rm S135$$ 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 17JUL2017 @ 14:15 ** Preliminary Data - Subject to Revision **



Jan

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

Мау

Jul

2016

Sep

 $N \circ v$

Jan

Mar

Мау

Jul

2017

Sep

Nov

Jan

Mar

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