Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 6/5/2017 (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	Croley's Method ^{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 (Jun- Nov)	N/A	N/A	2.67	Very Wet	3.02	Very Wet	4.01	Very Wet
Multi Seasonal (Jun-Apr)	N/A	N/A	2.96	Wet	3.63	Wet	4.32	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.

Tributary Hydrologic Conditions Graph:

- **-56 cfs** 14-day running average for Lake Okeechobee Net Inflow through 6/5/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-3.33** for Palmer Index on 6/3/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Dry.

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 6/5/2017

Lake Okeechobee Stage: 11.06 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob	ee Management	Bottom Elevation	Current
Zone	/Band	(feet, NGVD)	Lake Stage
High Loke Money	omant Pand	16.02	
High Lake Manage	ement band	10.02	
	High sub-band	15.52	
Operational Band	Intermediate sub-band	15.03	
	Low sub-band	13.04	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	10.58	← 11.06
Water Shortage M	lanagement 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 6/5/2017 (ENSO Neutral Condition):

Status for week ending 6/5/2017:

District wide, Raindar rainfall was 3.32 inches for the week. Lake stage on 6/5/2017 was 11.06 ft, up 0.01 ft from last week.

The updated June 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 **Dry**. The PDSI indicates very dry condition and the LONIN is Dry. The classification is based on the wetter of the two.

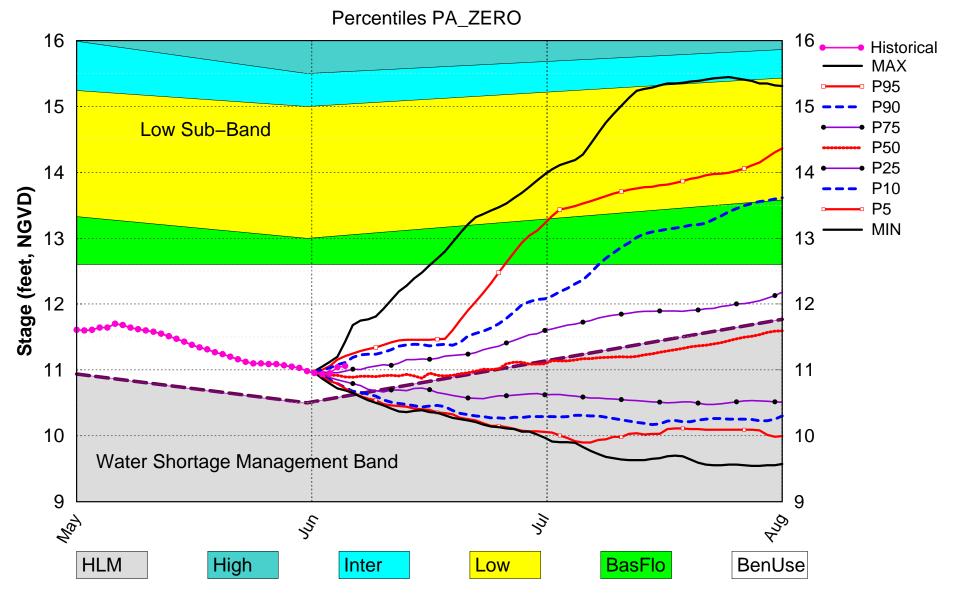
Water Supply Risk Evaluation

Tutol	er Supply Risk Evaluation						
Area	Indicator	Value	Color Coded Scoring Scheme				
	Projected LOK Stage for the next two months	Beneficial Use Sub-Band	M				
	Palmer Index for LOK Tributary Conditions	-3.33 (Extremely Dry)	Τ				
	CPC Precipitation Outlook	1 month: Normal	L				
LOK	CFC Frecipitation Outlook	3 months: Normal	П				
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	3.02 ft (Normal)	L				
	LOK Multi-Seasonal Net Inflow Outlook	3.63 ft (Wet)	L				
	ENSO La Nina Years						
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.37 ft)	L				
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.17 ft)	L				
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (8.95 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.

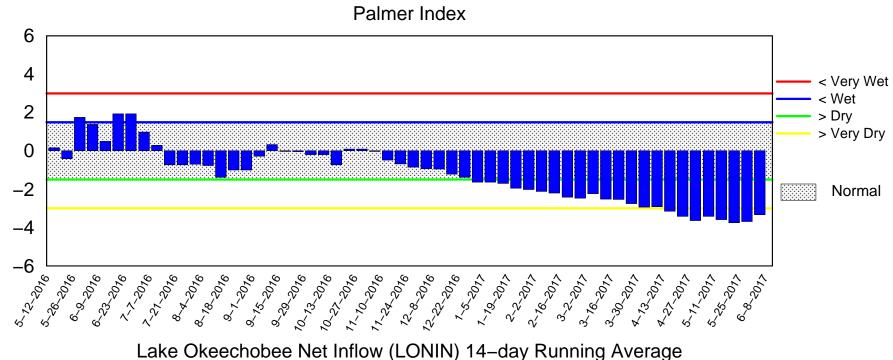
Back to Lake Okeechobee Operations Main Page
Back to U.S. Army Corps of Engineers LORSS Homepage

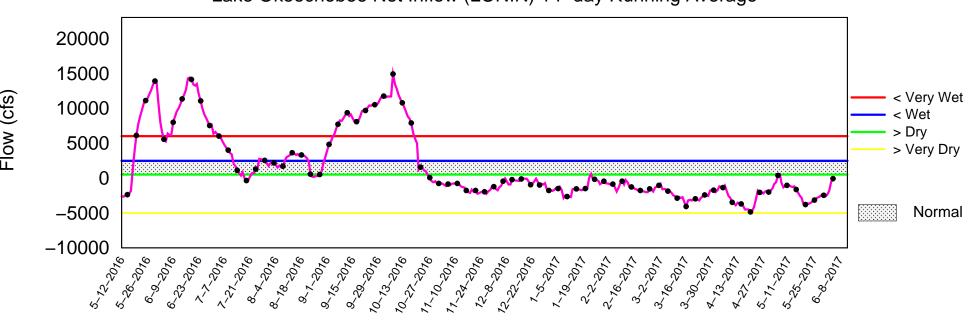
Lake Okeechobee SFWMM June 2017 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

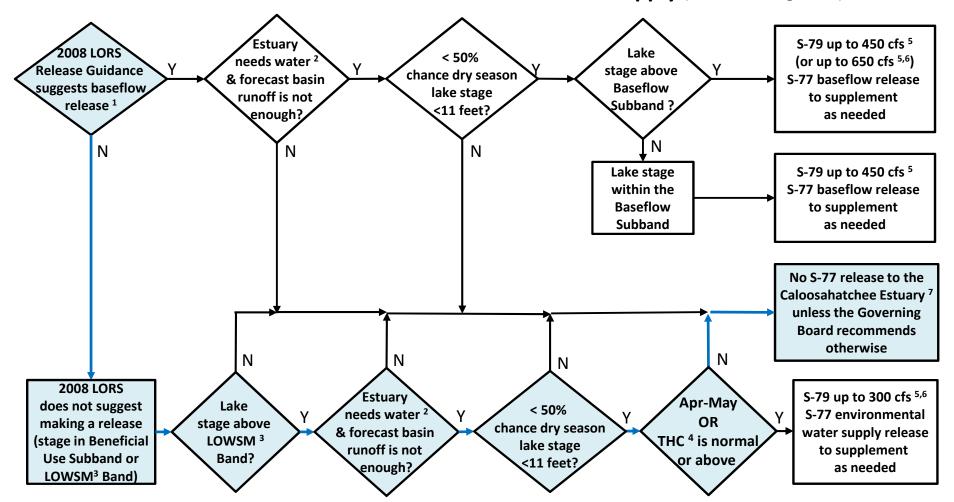
Tributary Basin Condition Indicators as of June 5 2017





Mon Jun 05 17:16:31 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 11.08 ft, NGVD 19.0 S-77 (3000 cfs for 7 days) S-79 (21-day transitional release) 6-June-2017 Startina: 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 5-79 (3000 cfs for 7 days 17.0 Starting: 11,18,25-Nov; Starting: 21-9ct 2,9,16-Dec 16.0 HIGH 16.0 INTERMEDIATE S-79 (450 cfs for 7 days) 15.0 15.0 Starting: 31-Mar; 7-Apr Water Level (ft, NGVD) LOW S-79 (300 cfs for 7 days) Starting: 14,21,28-Apr; 5,12-May 14.0 14.0 S-79 (375 cfs for 7 days) Starting: 19, 26-May; S-80 (0 cfs) Starting: 4,11,18,25-Nov; 13.0 13.0 **BASE FLOW** S-8001-day transitional release Starting: 28-Oct **BENEFICIAL USE** S-80 (1170 cfs for 7 days 12.0 12.0 5-80 (0 cfs) Starting: 21-Oct WATER SHORTAGE Starting: 31 Max MANAGEMENT S-80 (1800 cfs for 7 days) 19, 26-May; 2-Jui Starting: 23-Sep 11.0 LEGEND 11.0 Lake Release Color Code S-80 (1170 cfs for 7 days) Min S80 & S77 max practicable Starting: 16-Sep S80 < 2,800 cfs; S77 < 6,500 cfs 10.0 10.0 S80 < 1,800 cfs; S77 < 4,000 cfs S-80 (650 cfs for 7 days) S80 < 1,170 cfs; S79 < 3000 cfs Starting: 15-July, 5-Aug Baseflow S80 < 200 cfs; S79 < 450 cfs 9.0 9.0 -S-80 (1170 cfs for 7 days) 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 04 JUN 2017

Okeechobee Lake	Regulation		n Last :	Year 2YRS Ago GVD) (ft-NGVD)	
	h Lake Mngi	ion 11.06	14 of Water S	.31 12.63 (Of Short Mngmt= 10	
Simulated Ave Difference fr		008 [1965-2000] LORS2008	11.96 -0.90		
04JUN (1965-2 Difference fr	•	d of Record Ave rage	_	3.12 .06	
Today Lake Ok stations	eechobee e	levation is det	ermined f	rom the 4 Int &	4 Edge
++Navigation	Depth (Base	ed on 2007 Chan	nel Condi	tion Survey) Rou	ite 1 ÷
5.00'	zopon (zaz	oa on 2007 onan			
	Depth (Base	ed on 2008 Chan	nel Condi	tion Survey) Rou	ıte 2 ÷
3.20'					
Bridge Cleara	nce = 48.6	o '			
_					
4 Interior and	4 Edge Oke	echobee Lake Av	erage (Av	g-Daily values):	:
T 0 0 1 T 0 0 F	L006 LZ	40 94 935	0 9300	g1 2 2	
L001 L005 10.99 11.09			2 S308 16 10.9	S133 9 11 08	
10.55 11.05	11.11 II	.03 11.07 11.	10 10.0	7 11.00	
*Combination C	keechobee	Avg-Daily Lake	Average :		
				(*See Note)	
_					
Okeechobee Infl	ows (cfs):				
S65E	0	S65EX1	193	Fisheating C	0
S154	0	S191	0	S135 Pumps	0
S84	53	S133 Pumps	0	S2 Pumps	0
S84X S71	0 169	S127 Pumps S129 Pumps	0	S3 Pumps S4 Pumps	0
S72	95	S129 Pumps S131 Pumps		C5	0
Total Inflows:	566	DIDI Tampo	30		· ·
Okeechobee Outf			210	077	0
S135 Culverts S127 Culverts		S354	318 0	S77	-0 -NR-
S127 Culverts S129 Culverts		S351 S352	0	S308	-MK-
S131 Culverts		L8 Canal Pt			
				S308 Discharge I	Data
.ccar cacriows.	1.0 KCPOI	0 200 10 11100111	J D , , O L ,	sto bibonarge i	

****S77 structure flow is being used to compute Total Outflow. ****S308 structure flow is being used to compute Total Outflow. Okeechobee Pan Evaporation (inches): 0.19 S308 S77 0.10 Average Pan Evap x 0.75 Pan Coefficient = 0.11" = 0.01' Lake Average Precipitation using NEXRAD: = 0.27" = 0.02' Evaporation - Precipitation: = -0.16" = -0.01'Evaporation - Precipitation using Lake Area of 730 square miles is equal to 3165 cfs into the lake. Lake Okeechobee (Change in Storage) Flow is 3630 cfs or 7200 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 #8 (ft-msl) (ft-msl) (cfs) (ft) (ft) (ft) (ft) (ft) (ft) (ft) (I) see note at bottom North East Shore 11.05 0 0 0 0 0 (cfs) S133 Pumps: 11.48 S193: 0 0.0 0.0 0.0 S191: 17.49 11.01 S135 Pumps: 11.19 10.92 0 0 0 Ω 0 (cfs) 0.0 0.0 0 S135 Culverts: North West Shore 0 0.0 0.0 0.0 0.0 0.0 0.0 10.96 S65E: 20.88 S65EX1: 20.88 10.96 193 S127 Pumps: 12.08 11.14 0 0 0 0 0 (cfs) 0 0.0 S127 Culvert: 0

0

-NR- 0

-NR-

0

-NR- -NR- -NR-

0

(cfs)

(cfs)

(cfs)

0

0

56

0

0

-NR-

11.67

27.46

-NR-

S4 Pumps: 11.34 11.10 0 0 0

S129 Pumps: ____

S131 Pumps: 12.82

S129 Culvert:

S131 Culvert:

Fisheating Creek

nr Palmdale nr Lakeport

C5:

South Shore

```
$169: 11.14 11.19 -117 5.0 5.0 5.0 $310: -159
 S3 Pumps: 9.74 11.07
S354: 11.07 9.74
S2 Pumps: 9.88 11.09
S351: 11.09 9.88
                          0 0 0
318 0.8 1.0
                                  0 0 0
                                                       (cfs)
                                  0 0 0 0
                            0
                                                      (cfs)
                             0 0.0 0.0 0.0
           11.15
                            0 0.0 0.0
 S352:
                   10.27
 C10A:
                                 8.0 8.0 8.0 0.0 0.0
           -NR-
                   11.66
 L8 Canal PT
                    11.49 -477
              S351 and S352 Temporary Pumps/S354 Spillway
            9.88
                    11.09
                             0 -NR--NR--NR--NR--NR-
                   11.15 0 -NR--NR--NR-
11.07 318 -NR--NR--NR-
 S352:
            10.27
            9.74
 S354:
Caloosahatchee River (S77, S78, S79)
 S47B: 14.78 11.86
                                  1.5 1.5
 S47D:
           11.54
                   11.50
                            131 6.2
 S77:
  Spillway and Sector Flow:
            11.15 11.55 0.00 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                           -0
 S77 Below USGS Flow Gage
                          -391
 S78:
   Spillway and Sector Flow:
            11.40 2.66
                             127
                                0.0 0.0 0.0 0.7
  Flow Due to Lockages+:
                             7
 S79:
   Spillway and Sector Flow:
    2.76 1.27 587 0.0 0.0 0.0 1.0 1.0 0.0 0.0
0.0
                             6
   Flow Due to Lockages+:
   Percent of flow from S77
                            0%
             (ppm) 80
   Chloride
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Flow:
            10.99 14.84 0.00 -NR- -NR- -NR- -NR-
   Flow Due to Lockages+: -NR-
                            60
 S308 Below USGS Flow Gage
 $153: 19.21 14.31
                             0 0.0 0.0
 S80:
   Spillway and Sector Flow:
                           0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
11
           14.60 0.86
   Flow Due to Lockages+:
   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.

-				Wi	nd
Daily Precipitation Totals Speed	1-Day	3-Day	7-Day	Directio	n
-	(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:	0.02	1.29	2.87	146	0
S78:	0.01	1.41	3.87	99	3
S79:	0.00	2.19	2.49	199	2
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	2.99	3.12	115	4
S80:	0.00	0.39	0.40	68	1
Okeechobee Average	0.03	0.33	0.46		
(Sites S78, S79 and	S80 not inc	luded)			
Oke Nexrad Basin Avg	0.27	1.71	2.41		

- Okeechobee Lake Elevations 04JUN17	04 JUN 2017	11.06 Difference from
04JUN17 -1 Day =	03 JUN 2017	11.04 -0.02
04JUN17 -2 Days =	02 JUN 2017	10.96 -0.10
04JUN17 -3 Days =	01 JUN 2017	10.93 -0.13
04JUN17 -4 Days =	31 MAY 2017	10.95 -0.11
04JUN17 -5 Days =	30 MAY 2017	10.99 -0.07
04JUN17 -6 Days =	29 MAY 2017	11.03 -0.03
04JUN17 -7 Days =	28 MAY 2017	11.05 -0.01
04JUN17 - 30 Days =	05 MAY 2017	11.70 0.64
04JUN17 -1 Year =	04 JUN 2016	14.31 3.25
04JUN17 - 2 Year =	04 JUN 2015	12.63 1.57

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 5.06

					Lake (Okee	chobee	Net Infl	OW (LONIN)	
			i	Avera	ge Flo	w ove	er the	previous	14 days	Avg-Daily F	low
0 4	4JUN17	-	Today	=	04	JUN	2017	-4	MON	3948	
0 4	4JUN17	-1	Day	=	03	JUN	2017	-602	SUN	14084	
0 4	4JUN17	-2	Days	=	02	JUN	2017	-1907	SAT	5685	
0 4	4JUN17	-3	Days	=	01	JUN	2017	-2467	FRI	-1160	
0 4	4JUN17	-4	Days	=	31	MAY	2017	-2647	THU	-4090	
0 4	4JUN17	-5	Days	=	30	MAY	2017	-2485	WED	-4724	
0 4	4JUN17	-6	Days	=	29	MAY	2017	-2389	TUE	-2599	
0 4	4JUN17	-7	Days	=	28	MAY	2017	-2623	MON	-3208	
0 4	4JUN17	-8	Days	=	27	MAY	2017	-2725	SUN	-3578	
0 4	4JUN17	-9	Days	=	26	MAY	2017	-2796	SAT	48	
0 4	4JUN17	-10	Days	=	25	MAY	2017	-3096	FRI	-1108	
0 4	4JUN17	-11	Days	=	24	MAY	2017	-3219	THU	1162	
0 4	4JUN17	-12	Days	=	23	MAY	2017	-3470	WED	-527	
0 4	4JUN17	-13	Days	=	22	MAY	2017	-3602	TUE	-3989	
_											
						S	55E				
				A ⁻	verage	Flo	w over	previous	14 days	Avg-Daily F	low
0 4	4JUN17		Today	y=	04	JUN	2017	0	MON	0	
0 4	4JUN17	-1	Day	=	03	JUN	2017	0	SUN	0	
0 4	4JUN17	-2	Days	=	02	JUN	2017	0	SAT	0	
0 4	4JUN17	-3	Days	=	01	JUN	2017	0	FRI	0	
0 4	4JUN17	-4	Days	=	31	MAY	2017	0	THU	0	
0 4	4JUN17	-5	Days	=	30	MAY	2017	0	WED	0	
0 4	4JUN17	-6	Days	=	29	MAY	2017	0	TUE	0	
0 4	4JUN17	-7	Days	=	28	MAY	2017	0	MON	0	
0 4	4JUN17	-8	Days	=	27	MAY	2017	0	SUN	0	
0 4	4JUN17	-9	Days	=	26	MAY	2017	0	SAT	0	
0 4	4JUN17	-10	Days	=	25	MAY	2017	0	FRI	0	
0 4	4JUN17	-11	Days	=	24	MAY	2017	0	THU	0	
	4JUN17				23	MAY	2017	0	WED	0	
0 4	4JUN17	-13	Days	=	22	MAY	2017	0	TUE	0	
_											
_						51	55EX1				
				A·	verage			previous	14 davs	Avg-Daily F	low
0.4	4JUN17		Today				2017	170	MON	193	
	4JUN17	-1	Day				2017	170	SUN	231	
	4JUN17		Days				2017	167	SAT	422	
	4JUN17		Days				2017	151	FRI	87	
	4JUN17		Days				2017	158	THU	103	
	4JUN17		Days				2017	162	WED	103	
	4JUN17		Days				2017	167	TUE	121	
	4JUN17		Days		28	MAY	2017	170	MON	135	
0 4	4JUN17		Days		27	MAY	2017	171	SUN	135	
0 4	4JUN17		Days				2017	175	SAT	152	
0 4	4JUN17		_				2017	178	FRI	188	
	4JUN17		_		24	MAY	2017	177	THU	156	
	4JUN17		_		23	MAY	2017	179	WED	177	

_ 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	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
04 JUN 2017	7 – 0	-776	284	1164	
03 JUN 2017		-706	14	1655	
02 JUN 2017		-9	296	1195	
01 JUN 2017		754	688	59	
31 MAY 2017		764	695	182	
30 MAY 2017		1472	694	564	
29 MAY 2017		1529	808	734	
28 MAY 2017		1301	1050	1318	
27 MAY 2017		965	-NR-	1778	
26 MAY 2017		348	342	857	
25 MAY 2017		696	11	4	
24 MAY 2017		293	209	727	
23 MAY 2017		1204	691	492	
22 MAY 2017		1710	910	779	
22 MAI 201	1343	1710	710	115	
	S-310	S-351	S-352	S-354	L8 Canal Pt
	Discharge			Discharge	
	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
04 JUN 2017		0	0	549	-946
03 JUN 2017		0	0	301	-668
02 JUN 2017		476	416	430	-214
01 JUN 2017		1858	956	1331	-151
31 MAY 2017		2247	1025	1481	-126
30 MAY 2017		1826	670	1477	-163
29 MAY 2017		841	91	579	-219
28 MAY 2017		67	264	135	-210
27 MAY 2017		0	0	0	-193
26 MAY 2017		7	3	58	-234
25 MAY 2017		, 17	113	672	-230
24 MAY 2017		855	500	884	-175
23 MAY 2017		2156	1067	1650	-174
22 MAY 2017		1894	1011	1602	-235
ZZ MAI ZUI	133	1001	1011	1002	233
	S-308	Below S-308	S-80		
	Discharge	Discharge	Discharge	2	
	(ALL DAY)	(ALL-DAY)	(ALL-DAY)		
DATE	(AC-FT)	(AC-FT)	(AC-FT)		
04 JUN 2017		119	23		
03 JUN 2017		39	34		
02 JUN 2017		-107	24		
01 JUN 2017		-19	36		
31 MAY 2017		-80	27		
30 MAY 2017		-NR-	36		
29 MAY 2017		-NR-	42		
28 MAY 2017		-63	40		
27 MAY 2017		-261	49		
26 MAY 2017		-160	41		
,			·		

25	MAY	2017	-0	-302	32
24	MAY	2017	0	-NR-	19
23	MAY	2017	320	-NR-	30
22	MAY	2017	1	-NR-	42

*** NOTE:

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

and

Lockages Discharges from 0015 hrs to 2400 hrs.

_

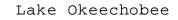
(I) - Flows preceded by "I" signify an instantaneous flow computed from the single value reported for the day

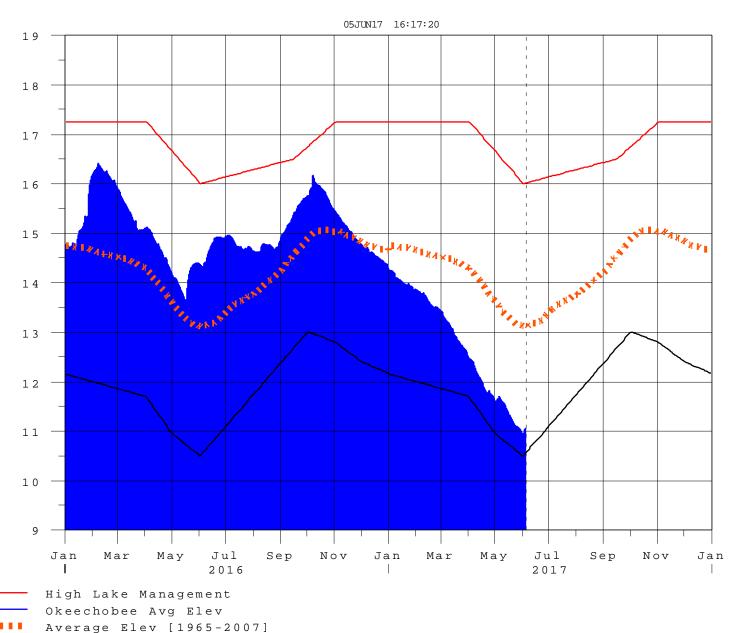
- * On 11 May 1999, Lake Okeechobee Elevation was switched from Instantaneous 2400 value to an average-daily lake average. On 14 Mar 2001, due to the isolation of various gages within the standard
 - 10 stations, the average of the interior 4 station gages was used as the Lake Okeechobee Elevation.
 - On 05 November 2010, Lake Okeechobee Elevation was switched to a 9 gage mix of interior and edge gages to obtain a more reliable representation of the lake level.
 - On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.
- Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations
 - ++ For more information see the Jacksonville District Navigation website at http://www.saj.usace.army.mil/
- \$ For information regarding Lake Okeechobee Service Area water restrictions

please refer to www.sfwmd.gov

_

Report Generated 05JUN2017 @ 16:15 ** Preliminary Data - Subject to Revision **





Water Shortage Management

E 1

i n

F t N

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

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