Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 6/12/2017 (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		roley'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 (Jun- Nov)	N/A	N/A	3.07	Very Wet	3.40	Very Wet	4.36	Very Wet
Multi Seasonal (Jun-Apr)	N/A	N/A	3.36	Wet	4.01	Wet	4.68	Very Wet

^{*}Croley's Method Not Produced For This Report

See Seasonal and Multi-Seasonal 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:

6742 cfs 14-day running average for Lake Okeechobee Net Inflow through 6/12/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

-2.32 for Palmer Index on 6/10/2017.

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

The wetter of the two conditions above is **Very Wet**.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 6/12/2017

Lake Okeechobee Stage: 11.77 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob	ee Management	Bottom Elevation	Current
Zone	/Band	(feet, NGVD)	Lake Stage
High Lake Manage	oment Rand	16.05	
Tilgit Lake Mariago		10.03	
	High sub-band	15.56	
Operational Band	Intermediate sub-band	15.08	
	Low sub-band	13.10	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub-band		10.73	← 11.77
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 6/12/2017 (ENSO Neutral Condition):

Status for week ending 6/12/2017:

District wide, Raindar rainfall was 7.50 inches for the week. Lake stage on 6/12/2017 was 11.77 ft, up 0.71 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 **Very Wet**. The PDSI indicates dry condition and the LONIN is Very Wet. The classification is based on the wetter of the two.

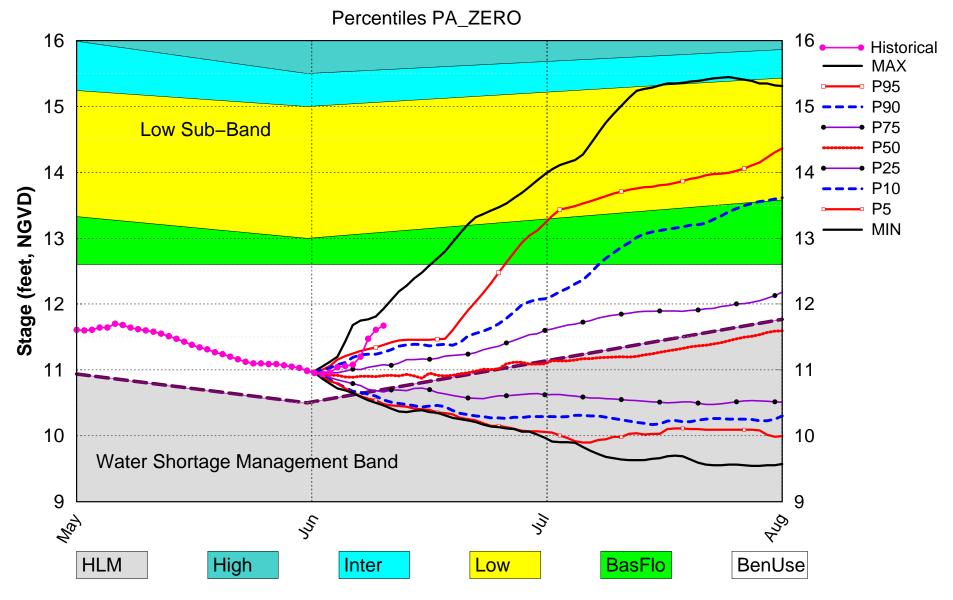
Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Water Shortage Management Sub-Band	Н
	Palmer Index for LOK Tributary Conditions	-2.32 (Extremely Dry)	Н
	CDC Propinitation Outlook	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	3.40 ft (Normal)	L
	LOK Multi-Seasonal Net Inflow Outlook	4.01 ft (Wet)	L
	ENSO La Nina Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.94 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (13.67 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.25 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.

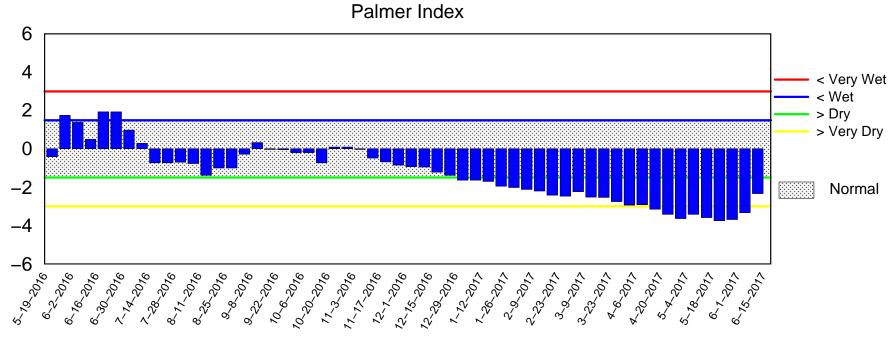
Back to Lake Okeechobee Operations Main Page
Back to U.S. Army Corps of Engineers LORSS Homepage

Lake Okeechobee SFWMM June 2017 Dynamic Position Analysis

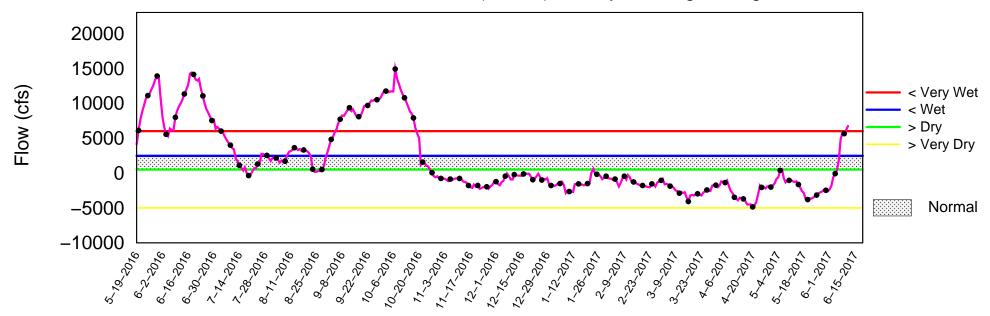


(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of June 12 2017

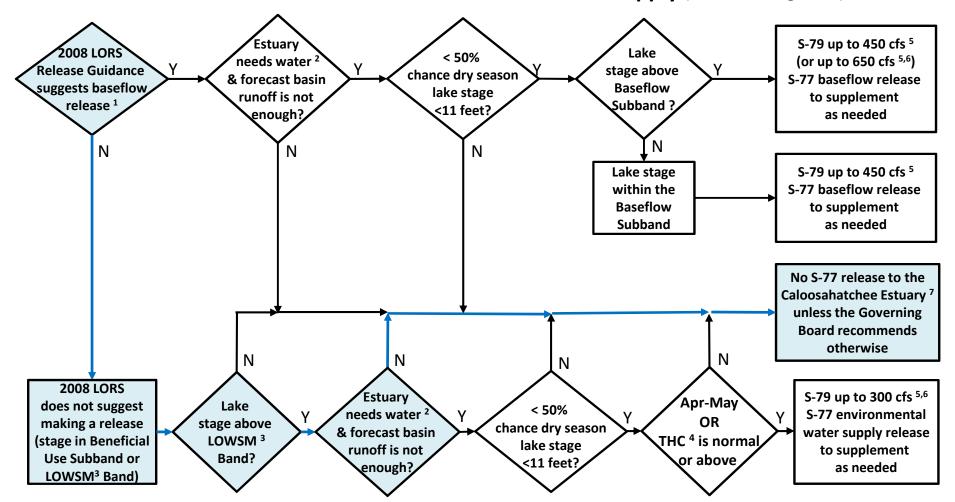


Lake Okeechobee Net Inflow (LONIN) 14-day Running Average



Mon Jun 12 14:48:50 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 11.79 ft, NGVD 19.0 S-77 (3000 cfs for 7 days) S-79 (21-day transitional release) 13-June-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 S-79 (3000 cfs for 7 days 17.0 Starting: 11,18,25-Nov; Max Starting: 21-9ct 2,9,16-Dec 16.0 HIGH 16.0 INTERMEDIATE S-79 (450 cfs for 7 days) 75% 15.0 15.0 Starting: 31-Mar; 7-Apr Water Level (ft, NGVD) 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) 50% Starting: 4,11,18,25-Nov; 13.0 13.0 **BASE FLOW** S-80 Q1-day transitional release) Starting: 28-Oct BENÉFICIAL 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-Jul 11.0 Starting: 23-Sep LEGEND 11.0 Lake Release Color Code S-80 (1170 cfs for 7 days) 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 11 JUN 2017

Okeechobee Lake	Regulation			VD) (ft-NGVD)	
*Okeechobee La Bottom of High Currently in O	Lake Mngm	t= 16.05 Top	of Water S	64 12.62 (O hort Mngmt= 10	fficial Elv) .71
Simulated Aver Difference fro			12.01 -0.24		
11JUN (1965-20 Difference fro			erage 13 -1.		
Today Lake Oke stations	echobee el	evation is det	ermined fr	om the 4 Int &	4 Edge
++Navigation D	epth (Base	d on 2007 Char	nnel Condit	ion Survey) Ro	ute 1 ÷
5 · / =			nnel Condit	ion Survey) Ro	ute 2 ÷
_					
4 Interior and 4	Edge Okee	chobee Lake Av	verage (Avg	-Daily values)	:
	L006 LZ4 11.82 11.		52 S308 87 11.67	S133 11.65	
*Combination Ok	eechobee .	Avg-Daily Lake	e Average =	11.77 (*See Note)	
_					
Okeechobee Inflo	ws (cfs):				
S65E	0	S65EX1	514	Fisheating C	
S154	0	S191	0	S135 Pumps	0
S84 S84X	141 0	S133 Pumps S127 Pumps	0	S2 Pumps	1623 0
S71	0	S127 Pumps	57	S3 Pumps S4 Pumps	0
S72	78	S131 Pumps	0	C5	0
Total Inflows:	3002	-			
Okeechobee Outfl	ows (cfs):				
S135 Culverts	0	S354	-358	S77	1
S127 Culverts	8	S351	-9	S308	-853
S129 Culverts	0	S352	-41		
S131 Culverts Total Outflows:	56 -1849	L8 Canal Pt	-652		

Note: Headwater, tailwater, and stage values below are instantaneous values unless otherwise specified.

	Headwater	Tailwater				Gat	te 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)		, -	`							
Nambh Bash G	h	(1) see n	ote at	bott	com				
North East Si		11.78	0	0	0	0	0	0	(afa)	
S133 Pumps S193:	. 12.12	11.70	U	U	U	U	U	U	(cfs)	
S191:	18.25	11.74	0	0.0	0.0	0.0				
S135 Pumps	: 13.68	11.66	0	0	0	0	0		(cfs)	
S135 Culve	rts:		0	0.0	0.0					
North West S	hore									
S65E:	20.97	11.86	0	0.0	-0.0	0.0	0.0	0.0	0.0	
S65EX1:	20.97	11.86	514							
S127 Pumps	: 13.36	11.81	0	0	0	0	0	0	(cfs)	
S127 Culve	rt:		8	0.5						
S129 Pumps	:	-NR-	57	0	25	31			(cfs)	
S129 Culve	rt:		0	-NR-						
S131 Pumps	: 12.46	12.05	0	0	0				(cfs)	
S131 Culve	rt:		56							
Fisheating nr Palmd		32.42	588							
nr Lakep		32.42	300							
C5:	<u></u>	-NR-	0	-NF	eNF	RNF	? -			
South Shore										
S4 Pumps:	12.90	11.98	0	0	0	0			(cfs)	

```
S169: 12.11 12.52 -452 5.0 5.0 5.0 S310: -647
 S3 Pumps: 12.03 11.85 0 0 0 0 0 S354: 11.85 12.03 -358 0.0 0.0 S2 Pumps: 12.01 11.86 1623 0 0 -NR--NR-
                                                (cfs)
                                                      (cfs)
 S351: 11.86
                   12.01 -9 0.0 0.0 0.0
                            -41 0.0 0.0
8.0 8.0 8.0 0.0 0.0
           11.87
 S352:
                   11.27
 C10A:
           -NR-
                   12.33
 L8 Canal PT
                    12.21 -652
               S351 and S352 Temporary Pumps/S354 Spillway
           12.01
                   11.86
                            -9 -NR--NR--NR--NR--NR-
                           -41 -NR--NR--NR--NR-
 S352:
           11.27
                   11.87
                   11.85 -358 -NR--NR--NR-
           12.03
 S354:
Caloosahatchee River (S77, S78, S79)
 S47B: 13.12 11.37
                                 1.0 1.0
 S47D:
           11.04
                   11.01
                            144 6.2
 S77:
  Spillway and Sector Flow:
            12.09 11.05 0.00 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
 S77 Below USGS Flow Gage
                           -33
 S78:
   Spillway and Sector Flow:
            10.83 2.69
                            2961 0.0 3.5 3.5 2.5
  Flow Due to Lockages+: 18
 S79:
   Spillway and Sector Flow:
    2.98 1.14 6426 3.0 3.0 3.0 3.0 3.0 3.0 3.0
3.0
                            10
   Flow Due to Lockages+:
   Percent of flow from S77 0
Chloride (ppm) 55
                             0 %
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Flow:
            11.65 12.40 ***** 1.0 1.0 1.0 1.0
   Flow Due to Lockages+: -1
 143 0.5 0.0
   Spillway and Sector Flow:
   12.47 1.38 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 15
   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	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:	-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	0.28	6.56	113	1
S78:	0.00	0.33	3.93	77	3
S79:	0.01	0.69	6.44	165	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:	0.00	0.01	3.63	57	2
S80:	0.96	0.98	0.99	100	2
Okeechobee Average	0.00	0.02	0.78		
(Sites S78, S79 and	S80 not inc	:luded)			
Oke Nexrad Basin Avg	0.06	0.28	6.00		

Okeechobee Lake Elevations	11 JUN 2017	11.77 Difference from
11JUN17	4.0 0.04.5	44 50
11JUN17 -1 Day =	10 JUN 2017	11.72 -0.05
11JUN17 - 2 Days =	09 JUN 2017	11.67 -0.10
11JUN17 - 3 Days =	08 JUN 2017	11.61 -0.16
11JUN17 - 4 Days =	07 JUN 2017	11.47 -0.30
11JUN17 -5 Days =	06 JUN 2017	11.20 -0.57
11JUN17 -6 Days =	05 JUN 2017	11.08 -0.69
11JUN17 - 7 Days =	04 JUN 2017	11.06 -0.71
11JUN17 - 30 Days =	12 MAY 2017	11.51 -0.26
11JUN17 -1 Year =	11 JUN 2016	14.64 2.87
11JUN17 - 2 Year =	11 JUN 2015	12.62 0.85

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 5.02

_	T - l Ol		N-+ T £1	(T ONITAL)	
_				ow (LONIN)	
	erage Flow ov				Avg-Daily Flow
11JUN17 Today =	11 JUN		8718	MON	9075
11JUN17 -1 Day =			7773	SUN	8924
11JUN17 -2 Days =	09 JUN	1 2017	6811	SAT	10588
11JUN17 -3 Days =	08 JUN	1 2017	6000	FRI	-NR-
11JUN17 -4 Days =	07 JUN	1 2017	5492	THU	48501
11JUN17 -5 Days =	06 JUN	1 2017	2111	WED	21276
11JUN17 -6 Days =	05 JUN	1 2017	554	TUE	3820
11JUN17 -7 Days =	04 JUN	1 2017	-4	MON	3948
11JUN17 -8 Days =	03 JUN	1 2017	-602	SUN	14084
11JUN17 -9 Days =			-1907	SAT	5685
11JUN17 -10 Days =			-2467	FRI	-1160
11JUN17 -11 Days =			-2647	THU	-4090
1100N17 - 11 Days = 11JUN17 - 12 Days = 1100N17 - 12 Days = 1100N17 - 12 Days = 1100N17 - 1100			-2485	WED	-4724
-			-2465		-2599
11JUN17 -13 Days =	29 MAY		-2389	TUE	
_					
_	S	65E			
	Average Flo	w over	previous	14 days	Avg-Daily Flow
11JUN17 Today=			1	MON	i o
11JUN17 -1 Day =		1 2017	1	SUN	j o
11JUN17 -2 Days =			1	SAT	
11JUN17 -3 Days =			1	FRI	
11JUN17 - 4 Days =			1	THU	
-			1	WED	1 0
11JUN17 -5 Days =			_		· !
11JUN17 -6 Days =			1	TUE	8
11JUN17 -7 Days =			0	MON	0
11JUN17 -8 Days =			0	SUN	0
11JUN17 -9 Days =			0	SAT	0
11JUN17 -10 Days =			0	FRI	0
11JUN17 -11 Days =	31 MAY	2017	0	THU	0
11JUN17 - 12 Days =	30 MAY	2017	0	WED	0
11JUN17 -13 Days =	29 MAY	2017	0	TUE	0
_					
_	S	65EX1			
	Average Flo		previous	14 davs	Avg-Daily Flow
11JUN17 Today=	_		263	MON	514
11JUN17 - 1 Day =			236	SUN	418
11JUN17 - 2 Days =			216	SAT	348
11JUN17 - 2 Days = 11JUN17 - 3			202	FRI	403
-					!
11JUN17 -4 Days =			187	THU	366
11JUN17 -5 Days =			172	WED	223
11JUN17 -6 Days =			168	TUE	152
11JUN17 - 7 Days =			170	MON	194
11JUN17 -8 Days =	03 JUN		170	SUN	231
11JUN17 -9 Days =	02 JUN		167	SAT	422
11JUN17 -10 Days =			151	FRI	87
11JUN17 -11 Days =			158	THU	103
11JUN17 -12 Days =	30 MAY	2017	162	WED	103

_ 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)	
11 JUN 201	7 2	-65	5952	12738	
10 JUN 201	7 3	-109	5143	10261	
09 JUN 201		-122	8876	12269	
08 JUN 201		168	-NR-	19749	
07 JUN 201		-152	5144	11127	
06 JUN 201		-203	1697	3663	
05 JUN 201		-264	677	663	
04 JUN 201		-776	284	1164	
03 JUN 201		-706	14	1655	
02 JUN 201		-9	296	1195	
01 JUN 201		754	688	59	
31 MAY 201		764	695	182	
30 MAY 201		1472	694	564	
29 MAY 201		1529	808	734	
	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	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
11 JUN 201	7 -1283	-50	-83	-740	-1292
10 JUN 201	7 -1347	0	-327	-1198	-1646
09 JUN 201	7 -1238	0	-3	-1969	-2159
08 JUN 201		-1295	-1122	-2191	-NR-
07 JUN 201	7 -1348	-658	-307	-531	-1701
06 JUN 201		0	0	0	-1078
05 JUN 201		0	0	286	-871
04 JUN 201		0	0	549	-946
03 JUN 201		0	0	301	-668
02 JUN 201		476	416	430	-214
01 JUN 201		1858	956	1331	-151
31 MAY 201		2247	1025	1481	-126
30 MAY 201		1826	670	1477	-163
29 MAY 201	7 271	841	91	579	-219
	S-308	Below S-308	3 S-80		
	Discharge	Discharge	Discharge	2	
	(ALL DAY)	(ALL-DAY)			
DATE	(AC-FT)	(AC-FT)	(AC-FT)		
11 JUN 201		-NR-	30		
10 JUN 201		-NR-	43		
09 JUN 201		-NR-	42		
08 JUN 201		-NR-	31		
07 JUN 201		-4150	41		
06 JUN 201		-3246	21		
05 JUN 201	7 -11891	-2540	178		
04 JUN 201	7 -4	119	23		
03 JUN 201		39	34		
02 JUN 201	7 –1	-107	24		

01	JUN	2017	-120	-19	36
31	MAY	2017	-116	-80	27
30	MAY	2017	0	-NR-	36
29	MAY	2017	0	-NR-	42

*** NOTE:

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

and

Lockages Discharges from 0015 hrs to 2400 hrs.

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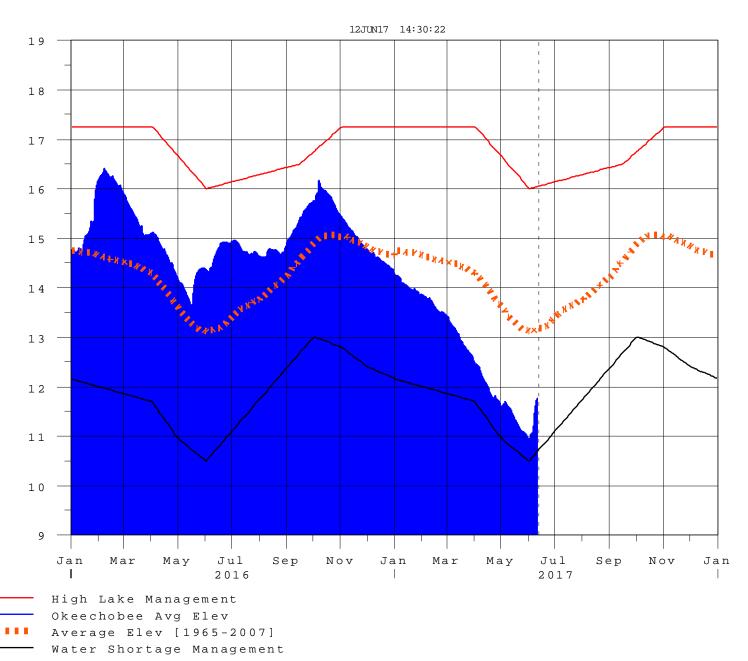
(I) - Flows preceded by "I" signify an instantaneous flow computed from the single value reported for the day

- * 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 12JUN2017 @ 14:38 ** 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

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