# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 8/7/2017 (ENSO Neutral Condition)

## **Lake Okeechobee Net Inflow Outlook:**

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method<sup>1</sup>, the SFWMD empirical method<sup>2</sup>, a sub-sampling of Neutral years<sup>3</sup> and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with Neutral ENSO years<sup>4</sup>. 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 <sup>1*</sup>	SFWMD Empirical Method <sup>2</sup>		Neuti	ampling of ral ENSO ears <sup>3</sup>	Sub-sampling of AMO Warm + Neutral ENSO Years <sup>4</sup>	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Aug- Jan)	N/A	N/A	1.95	Wet	2.49	Very Wet	3.74	Very Wet
Multi Seasonal (Aug- Apr)	N/A	N/A	2.14	Normal	2.75	Wet	3.82	Wet

<sup>\*</sup>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:**

**5271 cfs** 14-day running average for Lake Okeechobee Net Inflow through 8/6/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Wet.

**0.08** for Palmer Index on 8/5/2017.

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

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

## **LORS2008 Classification Tables:**

# Lake Okeechobee Stage on 8/5/2017

Lake Okeechobee Stage: 13.09 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	ament Rand	16.31	
Tilgit Lake Mariago		10.51	
	High sub-band	15.89	
Operational Band	Intermediate sub-band	15.47	
	Low sub-band	13.63	
Base Flow sub-ba	nd	12.60	← 13.09
Beneficial Use sub	o-band	11.87	
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: S-79 up to 450 cfs and S-80 up to 200 cfs.

#### **Technical Input Summaries from:**

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

**Back to Lake Okeechobee Operations Main Page** 

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

## LORS2008 Implementation on 8/7/2017 (ENSO Neutral Condition):

#### Status for week ending 8/7/2017:

District wide, Raindar rainfall was 1.00 inches for the week. Lake stage on 8/7/2017 was 13.09 ft, up 0.36 ft from last week.

The updated August 1 2017 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Base Flow Operational Sub-Band.

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

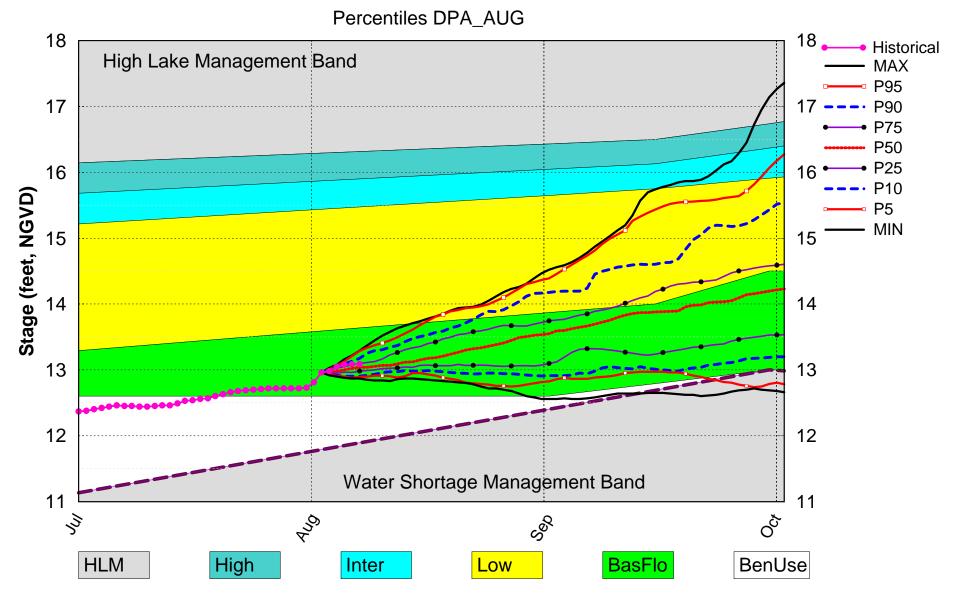
**Water Supply Risk Evaluation** 

Trato	Supply Nisk 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	0.08 (Normal)	Г
	CDC Propinitation Outlook	1 month: Above Normal	L
LOK	CPC Precipitation Outlook	3 months: Normal	Ш
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	2.49 ft (Normal)	L
	LOK Multi-Seasonal Net Inflow Outlook	2.75 ft (Normal)	M
	ENSO La Nina Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.56 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (13.57 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (11.15 ft)	L
	Service Area 1	Year-Round Irrigation Rule in effect	اد
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.

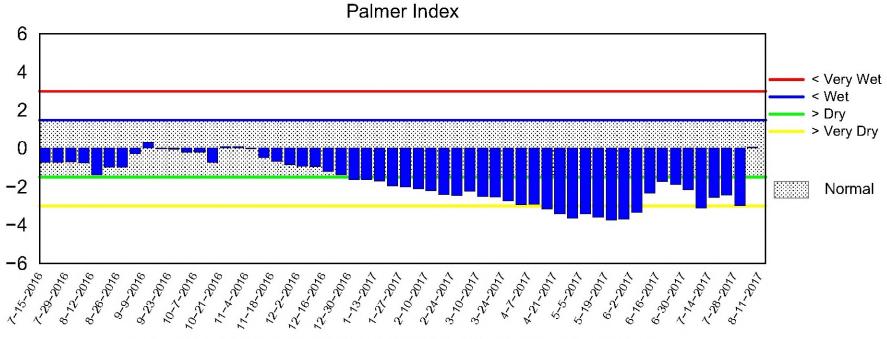
Back to Lake Okeechobee Operations Main Page
Back to U.S. Army Corps of Engineers LORSS Homepage

# Lake Okeechobee SFWMM Aug 2017 Dynamic Position Analysis

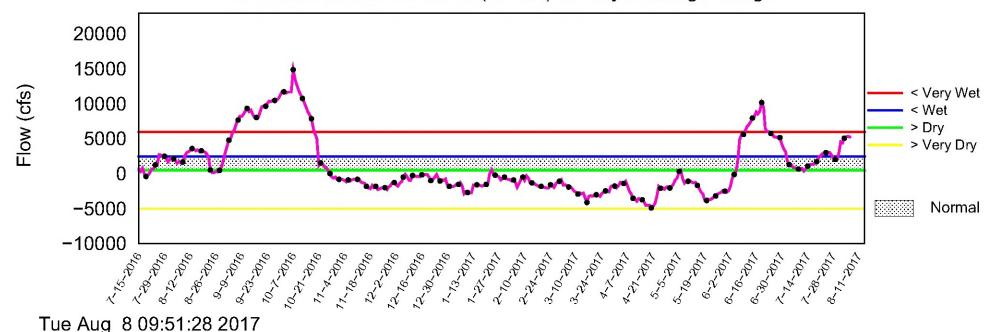


(See assumptions on the Position Analysis Results website)

# Tributary Basin Condition Indicators as of August 7 2017

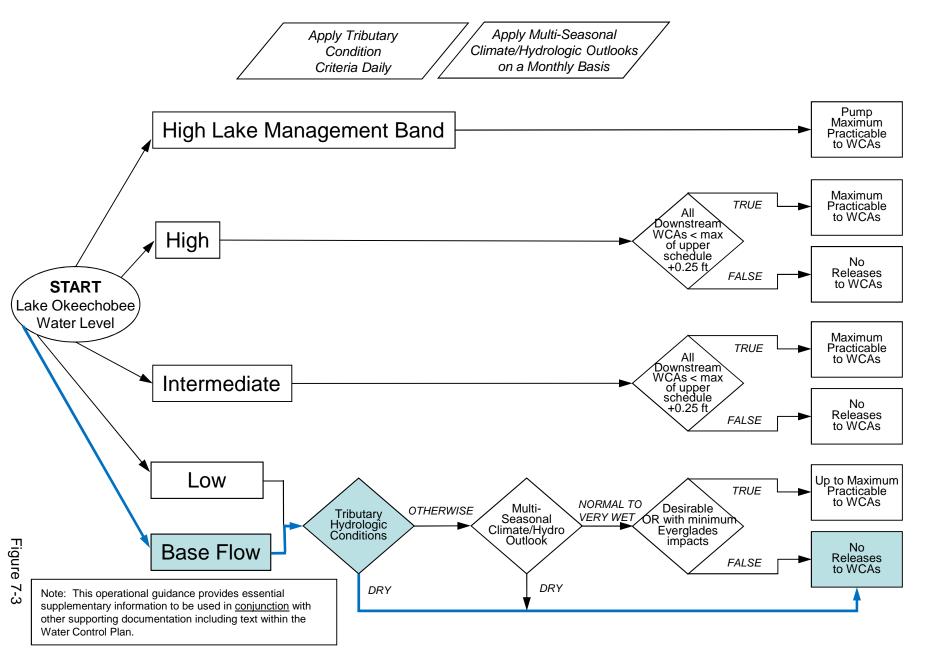


Lake Okeechobee Net Inflow (LONIN) 14-day Running Average



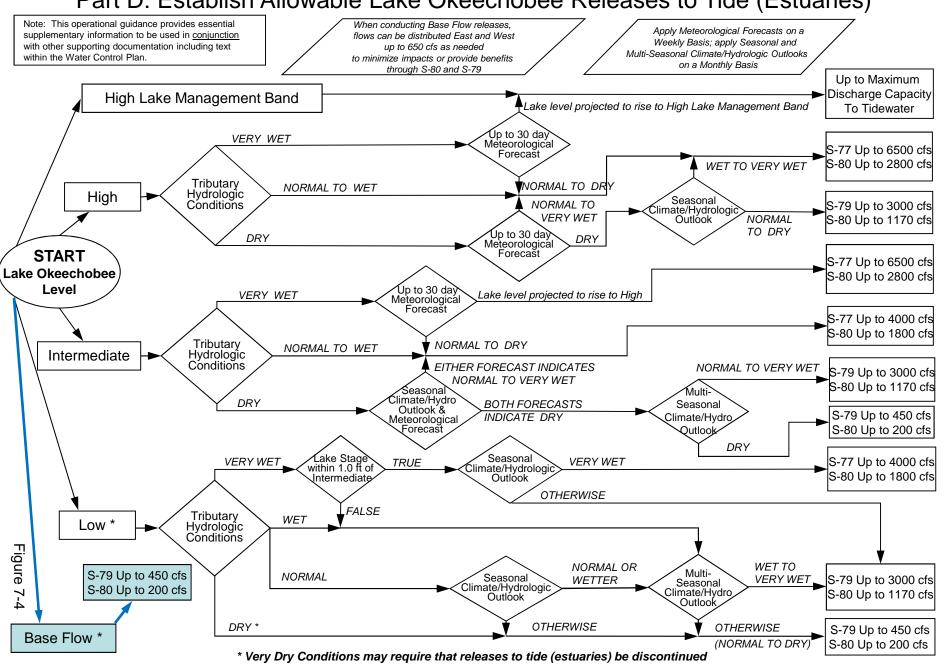
# **2008 LORS**

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

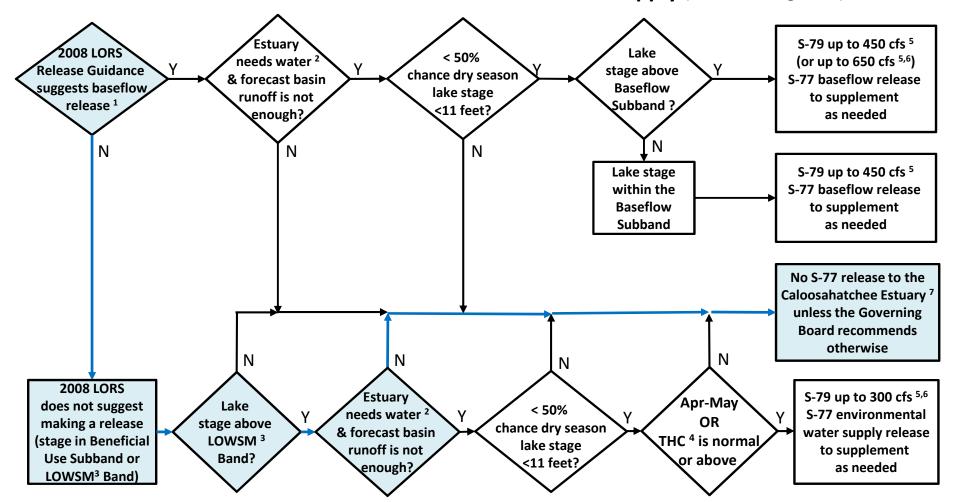


# **2008 LORS**

# 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)



<sup>&</sup>lt;sup>1</sup>The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands.

<sup>&</sup>lt;sup>2</sup>Estuary "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.

<sup>&</sup>lt;sup>3</sup>LOWSM = Lake Okeechobee Water Shortage Management.

<sup>&</sup>lt;sup>4</sup>Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

<sup>&</sup>lt;sup>5</sup>Can release less than the "up to" limit if lower release is sufficient to reach or sustain desired estuary salinity; cfs = cubic feet per second.

<sup>&</sup>lt;sup>6</sup>After reviewing conditions in Water Conservation Areas (WCAs), Stormwater Treatment Areas (STAs), ENP, St. Lucie Estuary and Lake Okeechobee.

<sup>&</sup>lt;sup>7</sup>Should 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 13.09 ft, NGVD 19.0 S-77 (3000 cfs for 7 days) S-79 (21-day transitional release) 8-August-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 16.0 INTERMEDIATE S-79 (450 cfs for 7 days) 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) 2-140 S-77 (Ocfs) Starting: 4,11,18,25-Nov; 13.0 Starting: 9, 16, 13.0 BASE FLOW 23, 30-Jun; S-80 21-day transitional release 7, 14, 21, Starting: 28-Oct **BENEFICIAL USE** 28-Jul; S-80 (1170 cfs for 7 days 12.0 12.0 S-80 (0 cfs) 4-Aug 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 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, 21, 28-Jul; Baseflow S80 < 200 cfs; S79 < 450 cfs 9.0 9.0 -S-80 (1170 cfs for 7 days) 4-Aug 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 06 AUG 2017

Okeechobee Lake	_	(ft-NGV	D) (ft-NGV	D) (ft-NGVD)	
*Okeechobee La Bottom of High Currently in O	Lake Mngmt	= 16.31 Top	of Water Sh		fficial Elv) 86
Simulated Aver Difference fro			12.78 0.31		
06AUG (1965-20 Difference fro			erage 13. -0.7		
Today Lake Oke stations	echobee ele	vation is de	termined fro	m the 4 Int &	4 Edge
++Navigation D	epth (Based	on 2007 Chai	nnel Conditi	on Survey) Rou	ıte 1 ÷
++Navigation D		on 2008 Chai	nnel Conditi	on Survey) Rou	ite 2 ÷
Bridge Clearan	.ce = 50.49'				
_					
4 Interior and 4	Edge Okeed	hobee Lake A	verage (Avg-	Daily values):	
L001 L005 13.01 13.21	L006 LZ40 13.07 13.0			S133 13.07	
*Combination Ok	eechobee A	vg-Daily Lak	e Average =	13.09 (*See Note)	
_					
Okeechobee Inflo	ws (cfs):				
S65E		S65EX1	2642	Fisheating Cr	281
S154	28	S191	160	S135 Pumps	0
S84		S133 Pumps	0	S2 Pumps	0
S84X		S127 Pumps	0	S3 Pumps	0
S71		S129 Pumps	54	S4 Pumps	0
S72		S131 Pumps	0	C5	0
Total Inflows:	3682				
Okeechobee Outfl	ows (cfs):				
S135 Culverts		S354	0	S77	2
S127 Culverts		S351	0	S308	-163
S129 Culverts		S352	0		
S131 Culverts Total Outflows:	0 -45	L8 Canal Pt	116		

<b>#0</b>	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6 #7	
#8	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft) (ft	.)
(ft)		(т	) see n	ote at	ho++	- Om				
North East Sl	nore	( ±	, 500 11	occ ac	. Doce	20111				
S133 Pumps S193:		13.00	0	0	0	0	0	0	(cfs)	
S191:	18.96	12.96	160	0.0	0.0	0.4				
S135 Pumps		12.92	0	0	0	0	0		(cfs)	
S135 Culve			0	0.0	0.0				. ,	
North West Sl	nore									
S65E:	21.11	12.95	0	0.0	0.0	0.0	0.0	0.0	0.0	
S65EX1:	21.11	12.95	2642							
S127 Pumps	: 13.53	13.16	0	0	0	0	0	0	(cfs)	
S127 Culve	rt:		0	0.0						
S129 Pumps S129 Culve		13.40	54 0	0.0	12	44			(cfs)	
G121 D	. 10.06	12 24	0	0	0				<i>(</i> 5 )	
S131 Pumps S131 Culve:		13.34	0 0	0	0				(cfs)	
Eighooting	Omoole									
Fisheating nr Palmda nr Lakepo	ale	31.86	281							
C5:		-NR-	0	-NR	NF	RNF	2-			
South Shore										
S4 Pumps:	11.23	13.14	0	0	0	0			(cfs)	

```
S169: 13.18 11.23 0 0.0 0.0 0.0 S310: -85
         9.24 13.10
13.10 9.24
9.69 13.06
                           0 0 0 0
0 0.0 0.0
 S3 Pumps:
                                                       (cfs)
 S354:
                                  0 0 0 0
                             0
                   13.06
 S2 Pumps:
                                                       (cfs)
                   9.69
                             0 0.0 0.0 0.0
 S351: 13.06
           13.19
 S352:
C10A:
                    9.21
                             0 0.0 0.0
                                 8.0 8.0 8.0 0.0 0.0
           -NR-
                    13.18
                    13.02
 L8 Canal PT
                           116
              S351 and S352 Temporary Pumps/S354 Spillway
                   13.06 0 -NR--NR--NR--NR--NR-
13.19 0 -NR--NR--NR-
13.10 0 -NR--NR--NR-
            9.69
 S352:
            9.21
                   13.19
 S354:
            9.24
Caloosahatchee River (S77, S78, S79)
 S47B: 13.59 10.91
                                 0.0 0.0
 S47D:
           10.86
                   10.86 67 6.5
 S77:
   Spillway and Sector Flow:
            13.21 10.94 0.00 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                             2
 S77 Below USGS Flow Gage
                             98
 S78:
   Spillway and Sector Flow:
            10.74 3.37
                             746 1.0 0.0 0.0 1.5
  Flow Due to Lockages+:
                             6
 S79:
   Spillway and Sector Flow:
    3.05 1.04 1847 1.0 1.0 1.0 2.0 2.0 2.0 1.0
1.0
   Flow Due to Lockages+:
   Percent of flow from S77
                            0%
             (ppm) 58
   Chloride
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Flow:
            12.98 13.01 ***** 2.0 2.0 2.0 2.0
   Flow Due to Lockages+: 0
       18.55 12.82 -163
 S308 Below USGS Flow Gage
 S153:
                            339 1.0 0.5
 S80:
   Spillway and Sector Flow:
   13.10 1.48 0
Flow Due to Lockages+: 20
                                 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   Percent of flow from S308 NA %
 Steele Point Top Salinity (mg/ml)
                                -N
```

```
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:	0.00	0.00	2.21	133	1
S78:	0.41	0.41	4.05	17	2
S79:	0.27	0.72	1.66	203	3
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	0.00	0.65	80	1
S80:	0.00	0.00	0.01	0	0
Okeechobee Average	0.00	0.00	0.22		
(Sites S78, S79 and	S80 not in	ncluded)			
Oke Nexrad Basin Avg	-NR-	0.00	0.00		

_ Okeechobee Lake Elevations	06 AUG 2017	13.09 Difference	from
06AUG17			
06AUG17 -1 Day =	05 AUG 2017	13.09	0.00
06AUG17 - 2 Days =	04 AUG 2017	13.08	-0.01
06AUG17 -3 Days =	03 AUG 2017	13.05	-0.04
06AUG17 - 4 Days =	02 AUG 2017	12.98	-0.11
06AUG17 -5 Days =	01 AUG 2017	12.96	-0.13
06AUG17 -6 Days =	31 JUL 2017	12.81	-0.28
06AUG17 -7 Days =	30 JUL 2017	12.73	-0.36
06AUG17 -30 Days =	07 JUL 2017	12.45	-0.64
06AUG17 -1 Year =	06 AUG 2016	14.62	1.53
06AUG17 - 2 Year =	06 AUG 2015	12.29	-0.80

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 4.49

							Net Inflo		-
							previous		:
06AUG17		Today				2017	6201	MON	116
06AUG17		Day				2017	6364	SUN	2373
06AUG17	7 –2	Days	=			2017	6326	SAT	6353
06AUG17	7 –3	Days	=	03	AUG	2017	6116	FRI	14520
06AUG17	7 –4	Days	=	02	AUG	2017	5385	THU	3933
06AUG17	7 –5	Days	=	01	AUG	2017	5536	WED	29040
06AUG17	7 –6	Days	=	31	JUL	2017	3608	TUE	15680
06AUG17	7 –7	Days	=	30	JUL	2017	2465	MON	1990
06AUG17	7 –8	Days	=	29	JUL	2017	2640	SUN	202
06AUG17	7 –9	Days	=	28	JUL	2017	2837	SAT	202
06AUG17	7 -10	Days	=	27	JUL	2017	3476	FRI	j o
06AUG17	7 -11	Days	=	26	JUL	2017	3967	THU	j O
06AUG17	7 -12	Days	=	25	JUL	2017	3967	WED	-NR-
06AUG17	7 -13	Days	=	24	JUL	2017	3813	TUE	-NR-
				_		65E			
0.63.7701.5							previous		
06AUG17		Today	•			2017	48	MON	0
06AUG17		Day				2017	48	SUN	0
06AUG17		Days				2017	48	SAT	254
06AUG17		Days				2017	30	FRI	414
06AUG17		Days				2017	0	THU	0
06AUG17		Days				2017	0	WED	0
06AUG17		Days				2017	0	TUE	0
06AUG17		Days				2017	0	MON	0
06AUG17		Days				2017	0	SUN	0
06AUG17		Days				2017	0	SAT	0
06AUG17						2017	0	FRI	0
						2017	0	THU	0
06AUG17	1 1 1	Days				2017	0	WED	0
06AUG17				2.4	TITT.	2017	0	TUE	0
		Days	=	24	002				
06AUG17		Days	=						
06AUG17		Days	<b>=</b> 						
06AUG17		Days	=		Se	55EX1	previous	14 day	rs   Avg-Daily Flow
06AUG17	7 -13			Average	S( Flov	65EX1 w over	previous		
06AUG17 06AUG17	7 -13	Today	<b>y</b> =	Average 06	S0 Flov AUG	55EX1 w over 2017	1824	MON	2642
06AUG17 06AUG17 06AUG17 06AUG17	7 -13	Today Day	y= =	Average 06 05	S0 Flow AUG AUG	55EX1 w over 2017 2017	1824 1722	MON SUN	2642 2772
06AUG17 06AUG17	7 -13	Today	y= = =	Average 06 05 04	S6 Flow AUG AUG AUG	55EX1 w over 2017	1824	MON	2642

					se	55EX1				
				Average	Flov	v over	previous	14 days	Avg-Daily	Flow
06AUG17		Today	<i>7</i> =	06	AUG	2017	1824	MON	2642	
06AUG17	-1	Day	=	05	AUG	2017	1722	SUN	2772	
06AUG17	-2	Days	=	04	AUG	2017	1610	SAT	2596	
06AUG17	-3	Days	=	03	AUG	2017	1509	FRI	2425	
06AUG17	-4	Days	=	02	AUG	2017	1425	THU	1995	
06AUG17	-5	Days	=	01	AUG	2017	1363	WED	1759	
06AUG17	-6	Days	=	31	JUL	2017	1317	TUE	1343	
06AUG17	-7	Days	=	30	JUL	2017	1298	MON	1252	
06AUG17	-8	Days	=	29	JUL	2017	1284	SUN	1250	
06AUG17	-9	Days	=	28	JUL	2017	1270	SAT	1254	
06AUG17	-10	Days	=	27	JUL	2017	1251	FRI	1264	
06AUG17	-11	Days	=	26	JUL	2017	1217	THU	1341	
06AUG17	-12	Days	=	25	JUL	2017	1171	WED	-NR-	

\_ 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)	
06	AUG 20	017	3	194	1491	3679	
	AUG 20		8	383	1625	5866	
	AUG 20		5	916	3020	6664	
	AUG 20		2	934	3861	8805	
	AUG 20		0	590	2566	6760	
	AUG 20		3	234	2075	6746	
31	JUL 20	017	2	-26	1952	6679	
30	JUL 20	017	37	-90	549	1526	
29	JUL 20	017	244	300	319	1276	
28	JUL 20	017	434	696	398	1572	
27	JUL 20	017	4	-133	621	2251	
26	JUL 20	017	5	-174	649	2980	
	JUL 20		4	-166	965	3891	
	JUL 20		2	-70	1714	4621	
21	OOL Z	017	2	70	1/11	1021	
			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)
06	AUG 20	017		0	0	0	231
	AUG 20		-304	0	284	0	164
	AUG 20		-390	0	0	0	-176
	AUG 20		-425	0	0	0	-210
	AUG 20		-453	0	0	0	-415
	AUG 20		-590	0	0	0	-499
	JUL 20		-387	0	0	0	-164
	JUL 20		135	0	0	0	9
	JUL 20		4	0	0	0	152
28	JUL 20	017	19	0	0	0	-14
27	JUL 20	017	43	0	0	0	-241
26	JUL 20	017	54	0	0	0	-346
25	JUL 20	017	-42	0	0	0	-392
24	JUL 20	017	-180	0	0	0	-415
			S-308	Below S-308	3 S-80		
		,	Discharge	Discharge	Discharge	2	
			_	(ALL-DAY)	_		
			(ALL DAY)		(ALL-DAY)		
0 -	DATE	01-	(AC-FT)	(AC-FT)	(AC-FT)		
	AUG 20		-889	-323	39		
	AUG 20		-1055	-457	18		
	AUG 20		-1415	-547	36		
	AUG 20		-1233	-NR-	32		
	AUG 20		-1369	-NR-	21		
01	AUG 20	017	-1215	-NR-	18		
31	JUL 20	017	-875	-NR-	11		
	JUL 20		-283	-NR-	1		
	JUL 20		-NR-	-NR-	46		
	JUL 20		-NR-	-NR-	39		
-							

27 i	JUL	2017	-NR-	-NR-	25
26 i	JUL	2017	-636	-335	50
25 d	JUL	2017	-510	-374	28
24 3	JUL	2017	-530	-458	31

\*\*\* 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

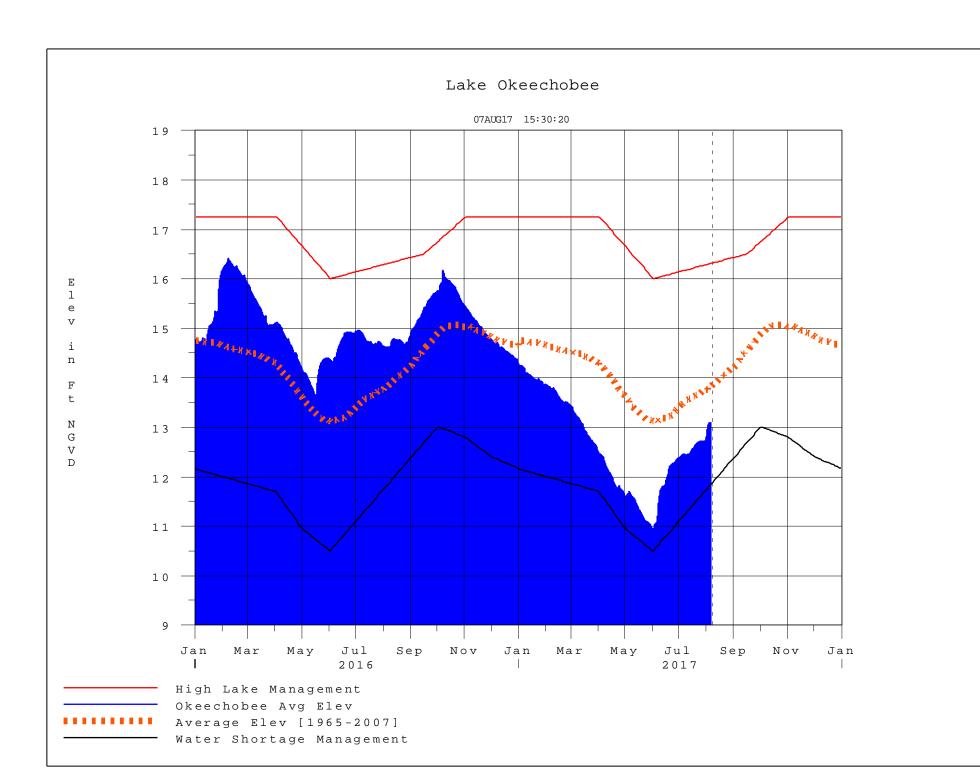
\_\_\_\_\_

- \* 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  $\rm S135$  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 07AUG2017 @ 15:38 \*\* Preliminary Data - Subject to Revision \*\*



# **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		

<sup>\*</sup> 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

<sup>\*\*</sup>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

<sup>\*\*</sup>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

<sup>\*</sup> Corresponds to Table 7-6 in the Lake Okeechobee Water Control Plan

**Under Construction**