# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 11/7/2016 (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		Croley's Emp		SFWMD Empirical Method <sup>2</sup>		ampling of ral ENSO ears <sup>3</sup>	AMO Neutr	ampling of Warm + al ENSO ears <sup>4</sup>
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Nov- Apr)	N/A	N/A	0.12	Dry	0.38	Dry	0.51	Dry
Multi Seasonal (Nov- Oct)	N/A	N/A	2.59	Wet	3.38	Wet	4.26	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:**

**-861 cfs** 14-day running average for Lake Okeechobee Net Inflow through 11/6/2016. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

**-0.03** for Palmer Index on 11/5/2016. 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 11/7/2016

Lake Okeechobee Stage: 15.30 feet

**USACE** Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob	ee Management	Bottom Elevation	Current
Zone	Band Band	(feet, NGVD)	Lake Stage
I light Lake Manag	om out Dand	47.05	
High Lake Manage	ement Band	17.25	
	High sub-band		
Operational Band	Intermediate sub-band	16.25	
	Low sub-band	14.50	← 15.30
Base Flow sub-ba	nd	12.84	
Beneficial Use sub-band		12.72	
Water Shortage M	lanagement Band		

#### Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to maximum practicable releases to the WCAs if desirable or with minimum everglades impacts; otherwise no releases.

#### 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
- Operations Department

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

#### LORS2008 Implementation on 11/7/2016 (ENSO Neutral Condition):

#### Status for week ending 11/7/2016:

District wide, Raindar rainfall was 0.00 inches for the week. Lake stage on 11/7/2016 was 15.30 ft, down 0.19 ft from last week.

The updated October 2016 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Low Operational Sub-Band.

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

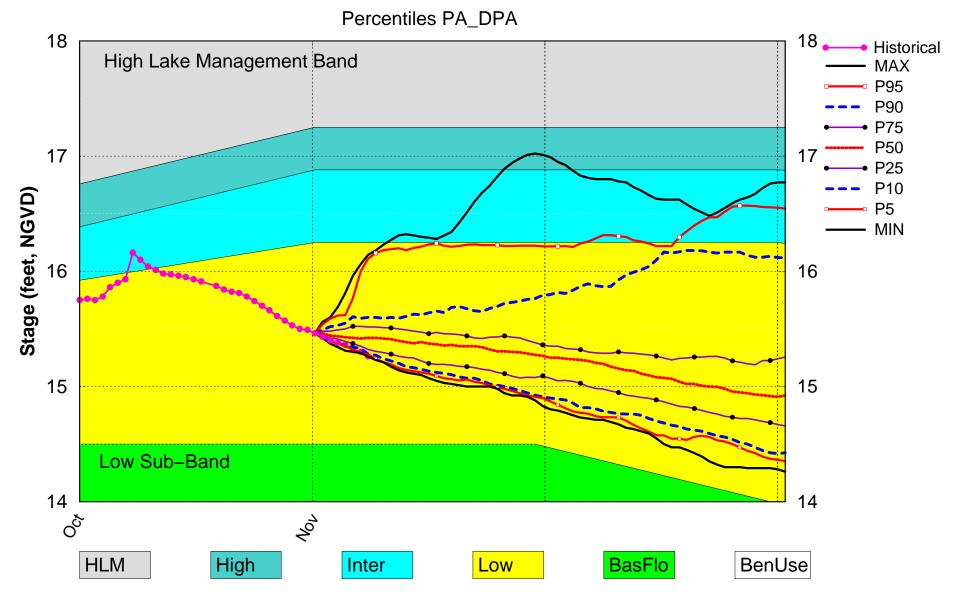
Water Supply Risk Evaluation

Trator	Supply Kisk Evaluation			
Area	Indicator	Value	Color Coded Scoring Scheme	
	Projected LOK Stage for the next two months	Low Sub-Band	L	
	Palmer Index for LOK Tributary Conditions	-0.03 (Normal)	L	
	CPC Precipitation Outlook	1 month: Below Normal	M	
LOK	CPC Precipitation Outlook	3 months: Below Normal	M	
	LOK Seasonal Net Inflow Outlook ENSO Neutral Years	0.38 ft (Dry)	M	
	LOK Multi-Seasonal Net Inflow Outlook	3.38 ft (Wet)	L	
	ENSO Neutral Years			
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.81 ft)	L	
WCAs	WCA 2A: Site 2-17 HW	Above Line1 (13.01 ft)	L	
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.45 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.

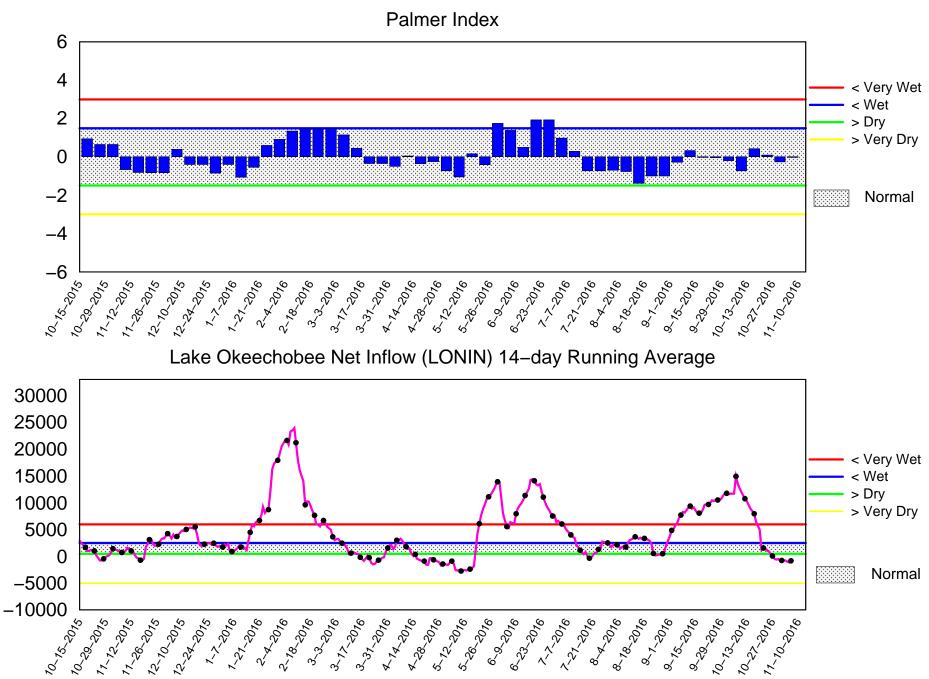
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# Lake Okeechobee SFWMM Nov 2016 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

# Tributary Basin Condition Indicators as of November 7 2016

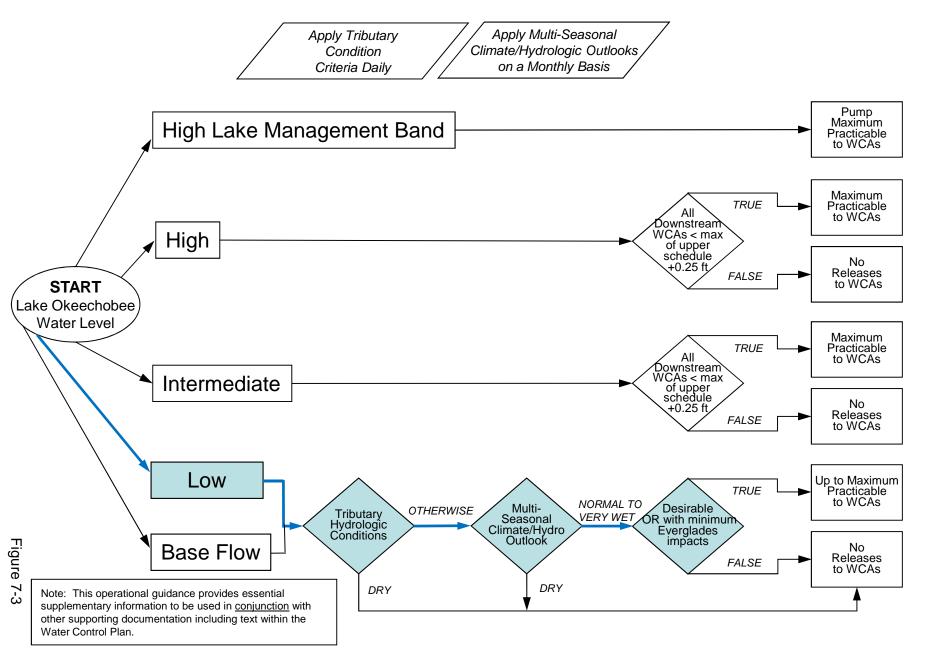


Mon Nov 7 16:23:12 2016

-low (cfs)

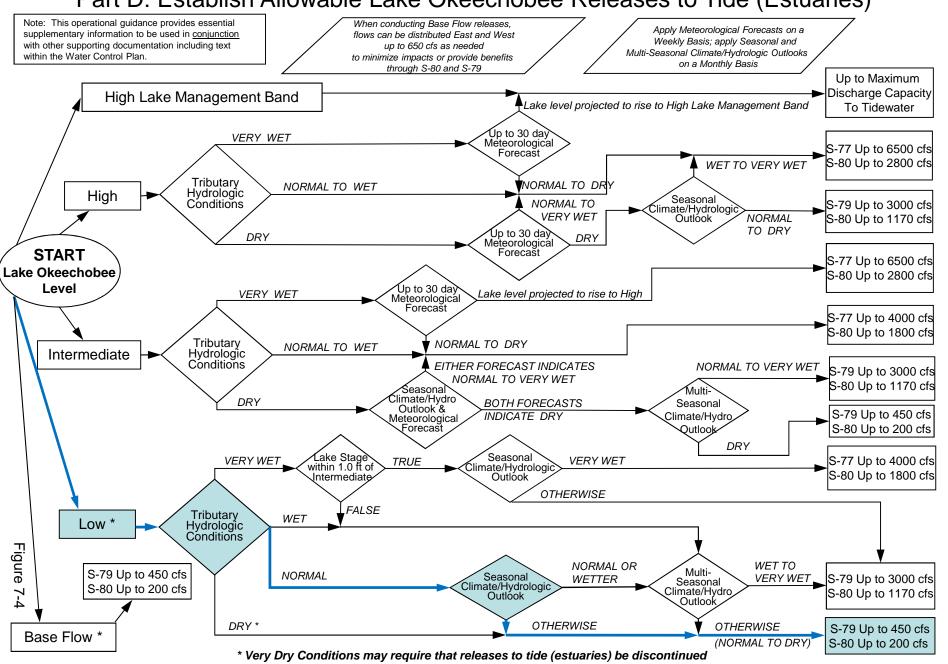
## **2008 LORS**

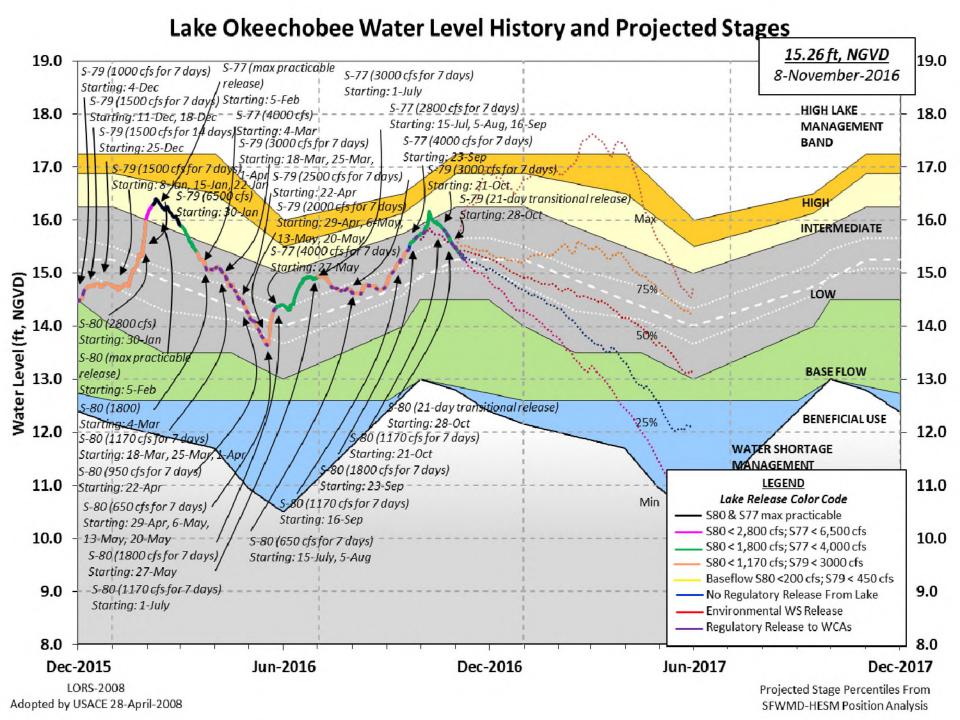
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



### **2008 LORS**

# Part D: Establish Allowable Lake Okeechobee Releases to Tide (Estuaries)





#### 

Data Ending 2400 hours 06 NOV 2016

Okeechobee Lak	e Regulatio	n Elevation	n Last Y	ear 2YRS Ago	
0.1000110200 20.1	0 1109010010	(ft-NGVD		GVD) (ft-NGVD)	
*Okeechobee	Lake Elevat	•		47 15.68 (Of	ficial Elv)
		mt= 17.25 Top (			
		ıl Management Bar		niore migme- 12	, 72
carrencry in	operaciona	ir hanagemene bar	.10		
Simulated Av	erage INRS?	2008 [1965-2000]	13.96		
Difference f	_		1.34		
Difference i	Tom Average	: HORDZ000	1.54		
06NOV (1965-	2007) Perio	d of Record Ave	rage 15	5.03	
Difference f			_	27	
DITICICNEC I	IOM TON AVC	.rage	0.	21	
Today Iako O	kooghoboo o	elevation is dete	ormined fr	com the 1 Int s	1 Edgo
stations	keechobee e	erevacion is dece	erminea rr	OIII CHE 4 IIIC &	4 Eage
Stations					
++Nazzigation	Donth (Pag	sed on 2007 Chani	nol Condit	ion Curvou) Poi	ı+o 1 ÷
9.24'	Depth (bas	sed on 2007 Chain	nei condit	.ion survey) kot	ite i <del>-</del>
	Donth /Dog	sed on 2008 Chani	ool Condit	idan Curreral Day	,+o 0 ·
7.44'	Depth (Bas	sed on 2006 Chain	nei Condit	.ion Survey) Rot	ite z <del>-</del>
	10 0	10.1			
Bridge Clear	ance = 49.2	18.			
_					
4					
		1 1 T - 1 7	/ 7	- D111\	
4 Interior and	4 Edge Oke	echobee Lake Ave	erage (Avg	g-Daily values):	:
					:
L001 L005	L006 LZ	340 S4 S352	2 S308	S133	:
	L006 LZ		2 S308	S133	:
L001 L005	L006 LZ	340 S4 S352	2 S308	S133	•
L001 L005 15.10 15.37	L006 LZ 15.34 15	340 S4 S352 3.30 15.45 15.4	2 S308 46 15.24	S133 15.15	:
L001 L005 15.10 15.37	L006 LZ 15.34 15	340 S4 S352	2 S308 46 15.24	\$133 15.15 = 15.30	
L001 L005 15.10 15.37	L006 LZ 15.34 15	340 S4 S352 3.30 15.45 15.4	2 S308 46 15.24	S133 15.15	
L001 L005 15.10 15.37	L006 LZ 15.34 15	340 S4 S352 3.30 15.45 15.4	2 S308 46 15.24	\$133 15.15 = 15.30	•
L001 L005 15.10 15.37	L006 LZ 15.34 15	340 S4 S352 3.30 15.45 15.4	2 S308 46 15.24	\$133 15.15 = 15.30	•
L001 L005 15.10 15.37 *Combination	L006 LZ 15.34 15 Okeechobee	340 S4 S353 3.30 15.45 15.4 Avg-Daily Lake	2 S308 46 15.24	\$133 15.15 = 15.30	
L001 L005 15.10 15.37  *Combination  Okeechobee Inf	L006 LZ 15.34 15 Okeechobee	340 S4 S353 3.30 15.45 15.4 Avg-Daily Lake	2	S133 15.15 = 15.30 (*See Note)	
L001 L005 15.10 15.37  *Combination  - Okeechobee Inf S65E	L006 LZ 15.34 15  Okeechobee  lows (cfs): 903	340 S4 S353 5.30 15.45 15.4 Avg-Daily Lake	2 S308 46 15.24 Average =	S133 15.15 = 15.30 (*See Note)	c 27
L001 L005 15.10 15.37  *Combination  - Okeechobee Inf S65E S154	L006 LZ 15.34 15 Okeechobee lows (cfs): 903 13	240 S4 S352 5.30 15.45 15.4 Avg-Daily Lake C5 S191	2 S308 46 15.24 Average = -92 0	S133 15.15 15.30 (*See Note) Fisheating Cr S135 Pumps	c 27 0
L001 L005 15.10 15.37  *Combination  - Okeechobee Inf S65E S154 S84	L006 LZ 15.34 15 Okeechobee lows (cfs): 903 13 0	C5 S191 S133 Pumps	2 S308 46 15.24 Average = -92 0 0	S133 15.15 15.30 (*See Note) Fisheating Cr S135 Pumps S2 Pumps	c 27 0 0
L001 L005 15.10 15.37  *Combination  - Okeechobee Inf S65E S154 S84 S84X	L006 LZ 15.34 15 Okeechobee lows (cfs): 903 13 0 401	C5 S191 S133 Pumps S127 Pumps	2 S308 46 15.24 Average = -92 0 0	S133 15.15 15.30 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	27 0 0 0
L001 L005 15.10 15.37  *Combination  -  Okeechobee Inf S65E S154 S84 S84X S71	L006 LZ 15.34 15  Okeechobee  lows (cfs): 903 13 0 401 0	C5 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 46 15.24 Average = -92 0 0 0	S133 15.15 15.30 (*See Note) Fisheating Cr S135 Pumps S2 Pumps	c 27 0 0
L001 L005 15.10 15.37  *Combination  -  Okeechobee Inf S65E S154 S84 S84X S71 S72	L006 LZ 15.34 15 Okeechobee lows (cfs): 903 13 0 401 0 34	C5 S191 S133 Pumps S127 Pumps	2 S308 46 15.24 Average = -92 0 0	S133 15.15 15.30 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	27 0 0 0
L001 L005 15.10 15.37  *Combination  -  Okeechobee Inf S65E S154 S84 S84X S71	L006 LZ 15.34 15  Okeechobee  lows (cfs): 903 13 0 401 0	C5 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 46 15.24 Average = -92 0 0 0	S133 15.15 15.30 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	27 0 0 0
L001 L005 15.10 15.37  *Combination  Okeechobee Inf S65E S154 S84 S84X S71 S72 Total Inflows:	L006 LZ 15.34 15 Okeechobee lows (cfs): 903 13 0 401 0 34 1286	C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 46 15.24 Average = -92 0 0 0	S133 15.15 15.30 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	27 0 0 0
L001 L005 15.10 15.37  *Combination  - Okeechobee Inf S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Out	L006 LZ 15.34 15  Okeechobee  lows (cfs): 903 13 0 401 0 34 1286  flows (cfs)	C5 S191 S127 Pumps S129 Pumps S131 Pumps S131 Pumps	2 S308 46 15.24 Average = -92 0 0 0 0	S133 15.15  15.30 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	27 0 0 0 0
L001 L005 15.10 15.37  *Combination  - Okeechobee Inf S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Out S135 Culvert	L006 LZ 15.34 15  Okeechobee  lows (cfs): 903 13 0 401 0 34 1286  flows (cfs) s	C5 S191 S127 Pumps S127 Pumps S129 Pumps S131 Pumps S131 Pumps	2	S133 15.15  15.30 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	27 0 0 0 0
L001 L005 15.10 15.37  *Combination  - Okeechobee Inf S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Out	L006 LZ 15.34 15  Okeechobee  lows (cfs): 903 13 0 401 0 34 1286  flows (cfs) s	C5 S191 S127 Pumps S129 Pumps S131 Pumps S131 Pumps	2 S308 46 15.24 Average = -92 0 0 0 0	S133 15.15  15.30 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	27 0 0 0 0
L001 L005 15.10 15.37  *Combination  - Okeechobee Inf S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Out S135 Culvert	L006 LZ 15.34 15  Okeechobee  lows (cfs): 903 13 0 401 0 34 1286  flows (cfs) s 0 s	C5 S191 S127 Pumps S127 Pumps S129 Pumps S131 Pumps S131 Pumps	2	S133 15.15  15.30 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	27 0 0 0 0
L001 L005 15.10 15.37  *Combination  - Okeechobee Inf S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Out S135 Culvert S127 Culvert	L006 LZ 15.34 15  Okeechobee  lows (cfs):     903     13     0     401     0     34     1286  flows (cfs) s    0 s    0 s    0	C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps S131 Pumps	2	S133 15.15  15.30 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps S77 S77Below	27 0 0 0 0

\*\*\*\*\$77 Structure outflow is being used to compute Total Outflow.
\*\*\*\*\$308 Structure outflow is being used to compute Total Outflow.

Okeechobee Pan Evaporation (inches):

\$77 0.20 \$308 0.20

Average Pan Evap x 0.75 Pan Coefficient = 0.15" = 0.01'

Lake Average Precipitation using NEXRAD: = 0.00" = 0.00'

Evaporation - Precipitation: = 0.15" = 0.01'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 2944 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -4336 cfs or -8600 AC-FT

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

	Headwater	Tailwater				Gat	te Pos	sition	ns	
#8	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6	#7
#0 (ft)	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
(10)		(I	) see r	note at	bott	com				
North East S	hore									
S133 Pumps S193:	: 13.47	15.20	0	0	0	0	0	0	(cf:	3)
S191:	18.23	15.20	0	0.0	0.0	0.0				
S135 Pumps	: 13.62	15.17	0	0	0	0	0		(cf:	s)
S135 Culve	rts:		0	0.0	0.0					
North West S	hore									
S65E:	20.98	14.92	903	0.5	0.5	0.5	0.4	0.5	0.3	
S127 Pumps	: 13.35	15.23	0	0	0	0	0	0	(cf:	s)
S127 Culve	rt:		0	0.0						
S129 Pumps	: 12.98	15.34	0	0	0	0			(cf:	3)
S129 Culve	rt:		0	0.0						
S131 Pumps	: 12.99	15.39	0	0	0				(cf:	s)
S131 Culve	rt:		0							
Fisheating	Creek									
nr Palmd	ale	29.22	27							
nr Lakep		1.5.41	0.0							
C5:	15.40	15.41	-92	5.3 5	0.3 5	0.3				
South Shore										
S4 Pumps:	10.83	15.44	0	0	0	0			(cf:	s)
s169:	15.41	10.84	0	0.0	0.0	0.0				

```
S310: 15.36 64
S3 Pumps: 10.98 15.40 0 0 0 0 0
S354: 15.40 10.98 315 0.4 0.6
S2 Pumps: 10.80 15.40 0 0 0 0 0
S351: 15.40 10.80 512 0.5 0.7 0.6
                                        0 0 0 (cfs)
                                       0 0 0 0 (cfs)
 C10A:
             -NR-
                      14.00
                                       0.0 0.0 8.0 0.0 0.0
                                237
 L8 Canal PT
                       13.83
                S351 and S352 Temporary Pumps/S354 Spillway
                      15.40 512 -NR--NR--NR--NR-
15.41 116 -NR--NR--NR-
15.40 315 -NR--NR--NR-
  S351:
              10.80
                                512 -NR--NR--NR--NR--NR-
  S352:
              10.86
  S354:
              10.98
Caloosahatchee River (S77, S78, S79)
S47B: 13.17 10.73 0.0 0.0
  S47D:
             10.76
                      10.76 16 6.0
  S77:
   Spillway and Sector Flow:
            15.33 10.84 1632 0.0 3.0 3.0 0.0
   Flow Due to Lockages+:
                                 5
                              2009
  S77 Below USGS Flow Gage
  S78:
   Spillway and Sector Flow:
   10.86 2.79 1348 1.0 0.0 3.0 0.0 Flow Due to Lockages+: 14
  S79:
   Spillway and Sector Flow:
              2.89 1.58 1740 0.0 0.5 1.0 1.0 1.0 1.0
1.0
   Flow Due to Lockages+:
                                 10
                low from S77 9 (ppm) 48
                                 94%
   Percent of flow from S77
   Chloride
St. Lucie Canal (S308, S80)
  S308:
    Spillway and Sector Flow:
              15.23 14.22 0 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
  S308 Below USGS Flow Gage 66
S153: 19.21 13.99 0
                                  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
              14.26 1.55
   Flow Due to Lockages+:
                                  14
   Percent of flow from S308 NA %
  Steele Point Top Salinity (mg/ml) ****
  Steele Point Bottom Salinity (mg/ml) ****
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Speedy Point Top Salinity (mg/ml) ****
Speedy Point Bottom Salinity (mg/ml) ****
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+ 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	/ ! 1· · · ·	(	( ' 1. )	(5)	
/ 1- \	(inches)	(inches)	(inches)	(Degø)	
(mph)	170	0.00	0.00		
S133 Pump Station:		0.00			
\$193:	-NR-		0.00	-NR-	-NR-
Okeechobee Field Station:		0.00	0.00		
S135 Pump Station:					
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	0.01	38	1
S78:	0.01	0.01	0.01	77	2
S79:	0.00	0.00	0.00	158	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		
	-NR-	0.00	0.00		
S308:	0.00		0.09	270	0
S80:	-NR-		0.22		7
Okeechobee Average				20.	,
(Sites S78, S79 and			0.01		
Oke Nexrad Basin Avg	0.00	0.00	0.02		

_ Okeechobee Lake Elevations 06NOV16	06 NOV 2016	15.30 Difference from
06NOV16 -1 Day =	05 NOV 2016	15.32 0.02
06NOV16 -2 Days =	04 NOV 2016	15.36 0.06
2.5		
06NOV16 - 3 Days =	03 NOV 2016	
06NOV16 - 4 Days =	02 NOV 2016	15.40 0.10
06NOV16 -5 Days =	01 NOV 2016	15.43 0.13
06NOV16 -6 Days =	31 OCT 2016	15.46 0.16
06NOV16 - 7 Days =	30 OCT 2016	15.49 0.19
06NOV16 - 30 Days =	07 OCT 2016	16.16 0.86
06NOV16 -1 Year =	06 NOV 2015	14.47 -0.83
06NOV16 - 2 Year =	06 NOV 2014	15.68 0.38

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		Lake (	Okeed	chobee	Net Inflo	ow (LONIN)	
	Av	erage Flo	v ove	er the	previous	14 days	Avg-Daily Flow
06NOV16	Today =	- 06	NOV	2016	-860	MON	-1126
06NOV16	-1 Day =	= 05	NOV	2016	-1110	SUN	-5177
06NOV16	-2 Days =	- 04	NOV	2016	-948	SAT	107
06NOV16	-3 Days =	= 03	NOV	2016	-790	FRI	1466
06NOV16	-4 Days =	= 02	NOV	2016	-736	THU	-362
06NOV16	-5 Days =	= 01	NOV	2016	-778	WED	148
06NOV16	-6 Days =	= 31	OCT	2016	-790	TUE	-204
06NOV16	-7 Days =	= 30	OCT	2016	-448	MON	3358
06NOV16	-8 Days =	= 29	OCT	2016	-583	SUN	-883
06NOV16	-9 Days =	= 28	OCT	2016	-240	SAT	-1496
06NOV16	-10 Days =	= 27	OCT	2016	52	FRI	-534
06NOV16	-11 Days =	= 26	OCT	2016	98	THU	-2736
06NOV16	-12 Days =	= 25	OCT	2016	334	WED	-1318
06NOV16	-13 Days =	= 24	OCT	2016	420	TUE	-3285

#### S65E

	2025		
	Average Flow over	previous 14 days	Avg-Daily Flow
06NOV16 Today=	06 NOV 2016	1229 MON	1029
06NOV16 - 1 Day =	05 NOV 2016	1299 SUN	1028
06NOV16 - 2 Days =	04 NOV 2016	1389 SAT	1025
06NOV16 - 3 Days =	03 NOV 2016	1482 FRI	1024
06NOV16 - 4 Days =	02 NOV 2016	1584 THU	1020
06NOV16 -5 Days =	01 NOV 2016	1695 WED	1068
06NOV16 -6 Days =	31 OCT 2016	1813 TUE	1083
06NOV16 - 7 Days =	30 OCT 2016	1921 MON	1126
06NOV16 -8 Days =	29 OCT 2016	2062 SUN	1191
06NOV16 -9 Days =	28 OCT 2016	2203 SAT	1157
06NOV16 -10 Days =	27 OCT 2016	2369 FRI	1417
06NOV16 -11 Days =	26 OCT 2016	2541 THU	1646
06NOV16 -12 Days =	25 OCT 2016	2722 WED	1559
06NOV16 -13 Days =	24 OCT 2016	2915 TUE	1831
			•

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)
06	NOV	2016	3247	3984	2701	3471
05	NOV	2016	3722	4452	2923	4044
04	NOV	2016	4757	5400	3812	4212
03	NOV	2016	4463	5154	3819	4676
02	NOV	2016	4457	5458	4054	5115
01	NOV	2016	5039	6415	4557	5632
31	OCT	2016	5132	6466	4529	5990
30	OCT	2016	5 5315	6903	4500	6231
29	OCT	2016	5 5236	6803	4455	5838
28	OCT	2016	5105	6735	4557	5382
27	OCT	2016	5454	7150	4593	6112
26	OCT	2016	5553	7057	4481	6330
25	OCT	2016	5 5414	6896	4419	5372

			S-310	S-351	S-352	S-354	L8 Canal P	t
			Discharge	Discharge	Discharge	Discharge	e Discharge	
			(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY	) (ALL DAY)	
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
06	NOV	2016	127	1015	230	535	470	
05	NOV	2016	105	1323	52	599	450	
04	NOV	2016	77	1436	440	488	454	
03	NOV	2016	131	1352	773	997	449	
02	NOV	2016	78	1418	371	1134	455	
01	NOV	2016	51	1099	763	1138	449	
31	OCT	2016	; 9	1126	1697	992	448	
30	OCT	2016	170	1067	1892	486	399	
29	OCT	2016	28	1531	1945	401	130	
28	OCT	2016	66	1231	1896	976	299	
27	OCT	2016	26	1305	1866	591	418	
26	OCT	2016	21	1194	1910	355	426	
25	OCT	2016	93	984	1281	274	452	
24	OCT	2016	91	880	718	28	291	
			S-308	Below S-308	S-80			
			Discharge	Discharge	Discharge	2		
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)	)		
	DATI	3	(AC-FT)	(AC-FT)	(AC-FT)			
		2016		130	28			
		2016		54	54			
		2016		592	503			
		2016		2778	1974			
		2016		3343	3148			
		2016		3326	2176			
		2016		1764	1900			
		2016		212	49			
		2016		336	468			
		2016		3094	1825			
		2016		4807	2903			
		2016		5128	3456			
		2016		4696	2895			
24	OCT	2016	2848	2458	1690			
**		TE:		,	) is comput		Spillway, Se	

24 OCT 2016 5059 6307 4488 5495

\*\*\* 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

<sup>\*</sup> 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

<sup>10</sup> 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.

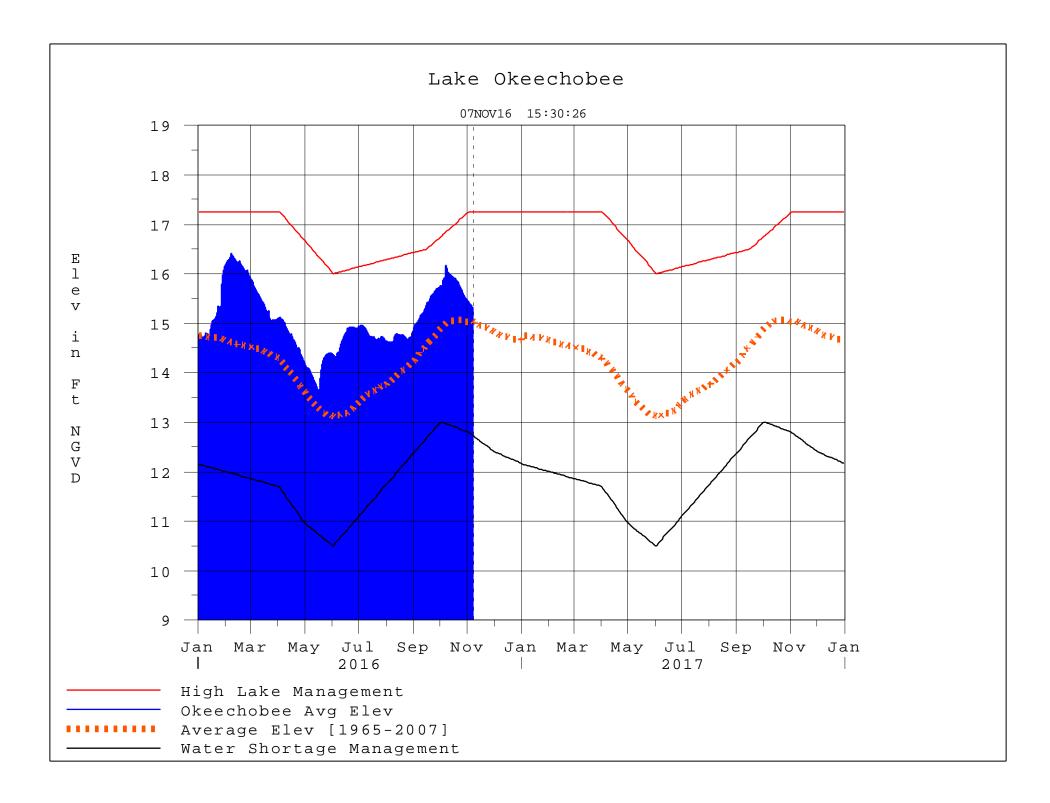
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 07NOV2016 @ 15:39 \*\* 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**