Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 10/10/2016 (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*}		FWMD npirical ethod ²	Neuti	ampling of ral ENSO ears ³	AMO Neutr	ampling of Warm + al ENSO ears ⁴
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Oct- Mar)	N/A	N/A	1.36	Normal	1.68	Wet	2.20	Very Wet
Multi Seasonal (Oct-Apr)	N/A	N/A	1.29	Normal	1.60	Normal	2.14	Normal

^{*}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:

12773 cfs 14-day running average for Lake Okeechobee Net Inflow through 10/9/2016. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

-0.72 for Palmer Index on 10/8/2016.

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

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 10/10/2016

Lake Okeechobee Stage: 16.04 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 Manage	omant Pand	16.88	
High Lake Manage	ement band	10.00	
	High sub-band	16.51	
Operational Band	Intermediate sub-band	16.01	← 16.04
	Low sub-band	14.50	
Base Flow sub-ba	nd	12.96	
Beneficial Use sub	o-band	12.95	
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-77 up to 4000 cfs and S-80 up to 1800 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

Back to Lake Okeechobee Operations Main Page

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

LORS2008 Implementation on 10/10/2016 (ENSO Neutral Condition):

Status for week ending 10/10/2016:

District wide, Raindar rainfall was 2.14 inches for the week. Lake stage on 10/10/2016 was 16.04 ft, up 0.28 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 Intermediate Operational Sub-Band.

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

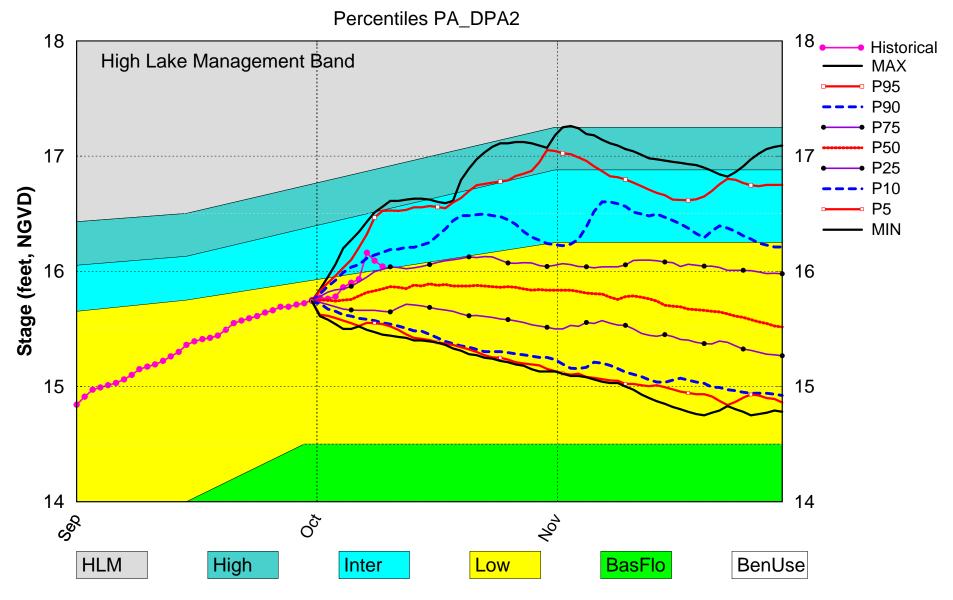
Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Low Sub-Band	L
	Palmer Index for LOK Tributary Conditions	-0.72 (Normal)	L
	CDC Procinitation Outlook	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Below Normal	M
	LOK Seasonal Net Inflow Outlook ENSO Neutral Years	1.68 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	1.60 ft (Normal)	M
	ENSO Neutral Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.98 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line1 (13.35 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.80 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.

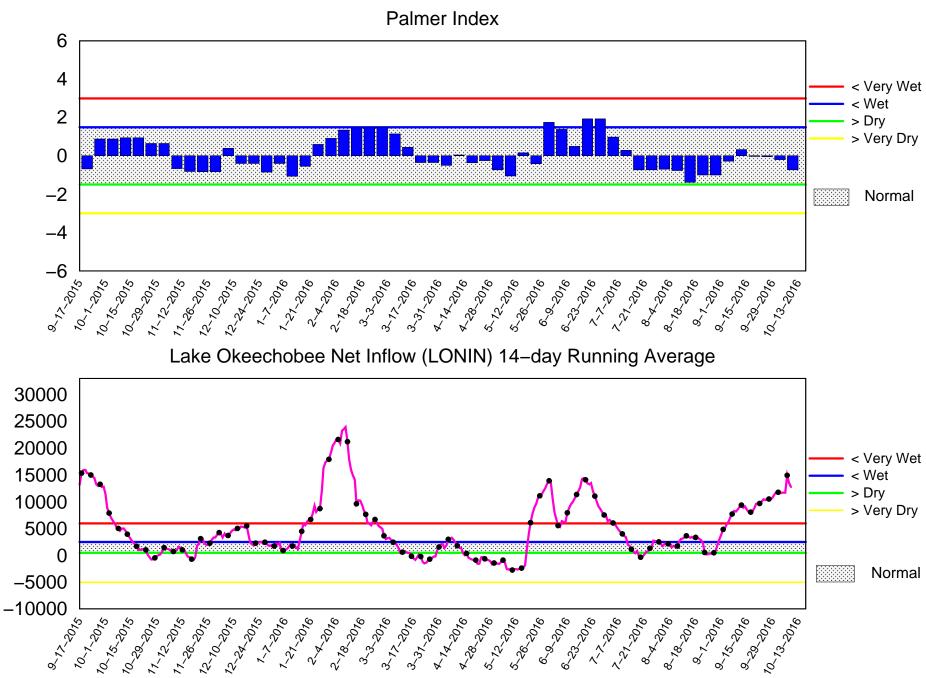
Back to Lake Okeechobee Operations Main Page
Back to U.S. Army Corps of Engineers LORSS Homepage

Lake Okeechobee SFWMM October 2016 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of October 10 2016

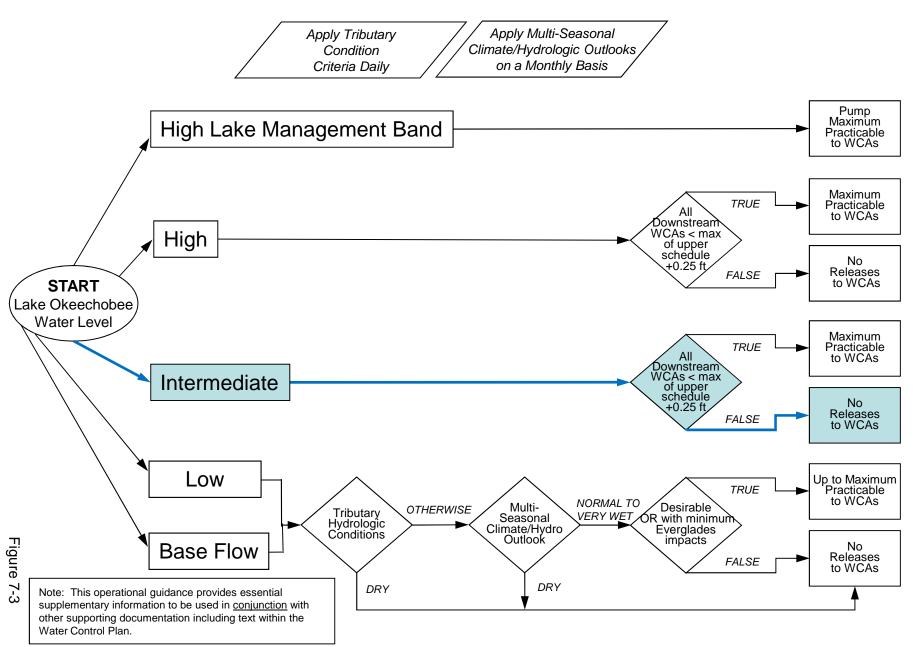


Mon Oct 10 10:11:47 EDT 2016

Flow (cfs)

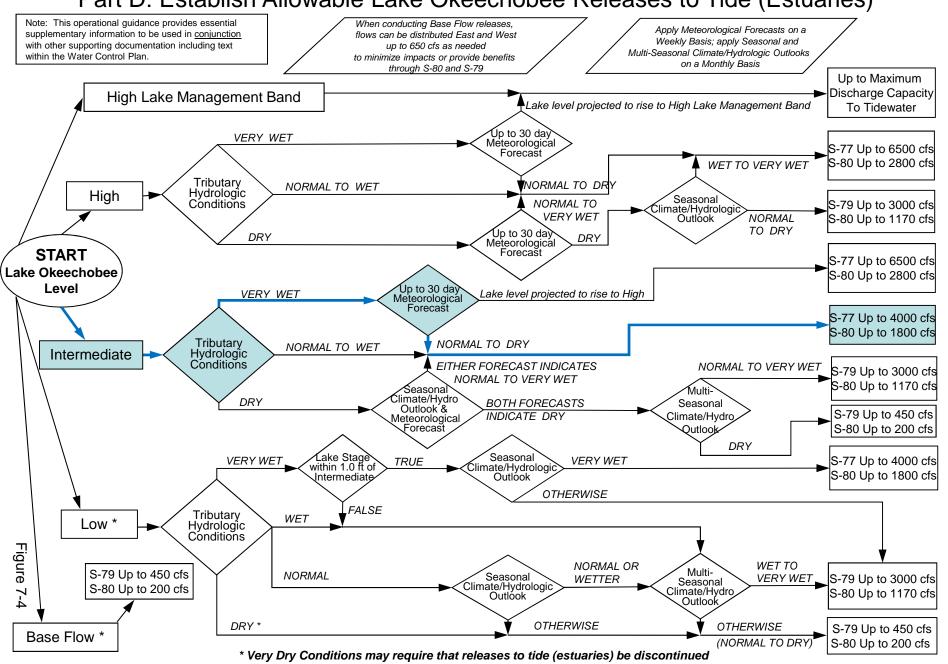
2008 LORS

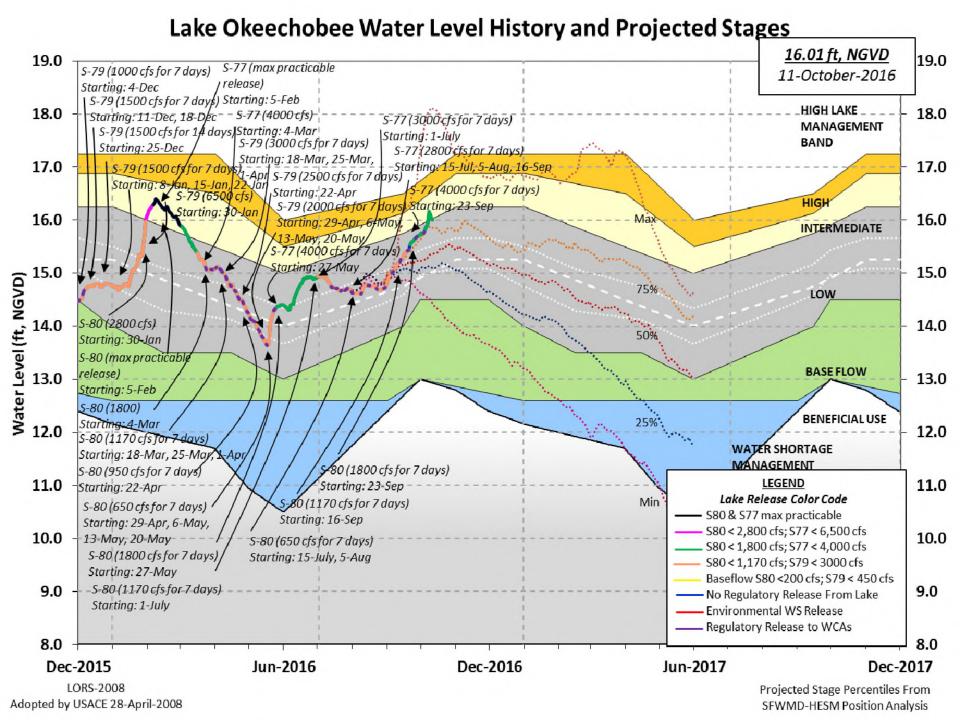
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



2008 LORS

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





Data Ending 2400 hours 09 OCT 2016

Okeechobee Lake Regulation						
*Okeechobee Lake Elevation 16.04 14.75 15.69 (Official Elv) Bottom of High Lake Mngmt= 16.88 Top of Water Short Mngmt= 12.95 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 13.93 Difference from Average LORS2008 2.11 090CT (1965-2007) Period of Record Average 15.02 Difference from POR Average 1.03 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 9.98' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 8.18' Bridge Clearance = 48.60' - 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 L240 S4 S352 S308 S133 15.82 16.11 16.12 16.06 16.18 16.25 15.97 15.82 *Combination Okeechobee Avg-Daily Lake Average = 16.04	Okeechobee Lake	Regulation				
Difference from Average LORS2008 2.11 090CT (1965-2007) Period of Record Average 15.02 Difference from POR Average 1.03 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 + 9.98' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 + 8.18' Bridge Clearance = 48.60'	Bottom of High	n Lake Mngm	on 16.04 nt= 16.88 Top	14. of Water S	75 15.69 (Of	
Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 + 9.98' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 + 8.18' Bridge Clearance = 48.60' - 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 15.82 16.11 16.12 16.06 16.18 16.25 15.97 15.82 *Combination Okeechobee Avg-Daily Lake Average = 16.04 (*See Note) - Okeechobee Inflows (cfs): S65E 3886 C5 0 Fisheating Cr 955 S154 194 S191 1169 S135 Pumps 177 S84 214 S133 Pumps 125 S2 Pumps 0 S84X 683 S127 Pumps 71 S3 Pumps 0 S84X 683 S127 Pumps 71 S3 Pumps 0 S71 472 S129 Pumps 46 S4 Pumps 0 S71 472 S129 Pumps 46 S4 Pumps 0 Total Inflows: 8176 Okeechobee Outflows (cfs): S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654						
##Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 + 9.98' ##Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 + 8.18' Bridge Clearance = 48.60' ##Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 15.82 16.11 16.12 16.06 16.18 16.25 15.97 15.82 #*Combination Okeechobee Avg-Daily Lake Average = 16.04						
9.98' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 8.18' Bridge Clearance = 48.60' - 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 L240 S4 S352 S308 S133 15.82 16.11 16.12 16.06 16.18 16.25 15.97 15.82 *Combination Okeechobee Avg-Daily Lake Average = 16.04 (*See Note) - Okeechobee Inflows (cfs): S65E 3886 C5 0 Fisheating Cr 955 S154 194 S191 1169 S135 Pumps 177 S84 214 S133 Pumps 125 S2 Pumps 0 S84X 683 S127 Pumps 71 S3 Pumps 0 S71 472 S129 Pumps 46 S4 Pumps 0 S72 168 S131 Pumps 16 Total Inflows: 8176 Okeechobee Outflows (cfs): S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654		eechobee el	evation is det	ermined fr	om the 4 Int &	4 Edge
9.98' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 8.18' Bridge Clearance = 48.60' - 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 L240 S4 S352 S308 S133 15.82 16.11 16.12 16.06 16.18 16.25 15.97 15.82 *Combination Okeechobee Avg-Daily Lake Average = 16.04 (*See Note) - Okeechobee Inflows (cfs): S65E 3886 C5 0 Fisheating Cr 955 S154 194 S191 1169 S135 Pumps 177 S84 214 S133 Pumps 125 S2 Pumps 0 S84X 683 S127 Pumps 71 S3 Pumps 0 S71 472 S129 Pumps 46 S4 Pumps 0 S72 168 S131 Pumps 16 Total Inflows: 8176 Okeechobee Outflows (cfs): S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654	++Navigation I	Depth (Base	ed on 2007 Char	nel Condit	ion Survey) Rou	ıte 1 ÷
8.18' Bridge Clearance = 48.60' - 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 15.82 16.11 16.12 16.06 16.18 16.25 15.97 15.82 *Combination Okeechobee Avg-Daily Lake Average = 16.04 (*See Note) - Okeechobee Inflows (cfs): S65E 3886 C5 0 Fisheating Cr 955 S154 194 S191 1169 S135 Pumps 177 S84 214 S133 Pumps 125 S2 Pumps 177 S84 214 S133 Pumps 125 S2 Pumps 0 S71 472 S129 Pumps 71 S3 Pumps 0 S71 472 S129 Pumps 46 S4 Pumps 0 S72 168 S131 Pumps 16 Total Inflows: 8176 Okeechobee Outflows (cfs): S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654					1 ,	
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- 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 15.82 16.11 16.12 16.06 16.18 16.25 15.97 15.82 *Combination Okeechobee Avg-Daily Lake Average = 16.04 (*See Note)		200 - 10 60	\			
L001 L005 L006 LZ40 S4 S352 S308 S133 15.82 16.11 16.12 16.06 16.18 16.25 15.97 15.82 *Combination Okeechobee Avg-Daily Lake Average = 16.04 (*See Note)	Bridge Clearai	ice - 40.00)			
L001 L005 L006 LZ40 S4 S352 S308 S133 15.82 16.11 16.12 16.06 16.18 16.25 15.97 15.82 *Combination Okeechobee Avg-Daily Lake Average = 16.04 (*See Note)	_					
L001 L005 L006 LZ40 S4 S352 S308 S133 15.82 16.11 16.12 16.06 16.18 16.25 15.97 15.82 *Combination Okeechobee Avg-Daily Lake Average = 16.04 (*See Note)						
*Combination Okeechobee Avg-Daily Lake Average = 16.04 *Combination Okeechobee Avg-Daily Lake Average = 16.04 (*See Note)	4 Interior and	4 Edge Okee	echobee Lake Av	verage (Avg	g-Daily values):	
*Combination Okeechobee Avg-Daily Lake Average = 16.04 *Combination Okeechobee Avg-Daily Lake Average = 16.04 (*See Note)	L001 L005	L006 LZ4	10 S4 S35	52 S308	S133	
Okeechobee Inflows (cfs): S65E						
Okeechobee Inflows (cfs): S65E						
Okeechobee Inflows (cfs): S65E	*Combination O	rooghoboo	Arra Dailar Lake	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	. 16 04	
Okeechobee Inflows (cfs): S65E	"Combination of	reechobee	Avg-Daily Lake	e Average -		
S65E 3886 C5 0 Fisheating Cr 955 S154 194 S191 1169 S135 Pumps 177 S84 214 S133 Pumps 125 S2 Pumps 0 S84X 683 S127 Pumps 71 S3 Pumps 0 S71 472 S129 Pumps 46 S4 Pumps 0 S72 168 S131 Pumps 16 Total Inflows: 8176 8176 8176 Okeechobee Outflows (cfs): S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654						
S65E 3886 C5 0 Fisheating Cr 955 S154 194 S191 1169 S135 Pumps 177 S84 214 S133 Pumps 125 S2 Pumps 0 S84X 683 S127 Pumps 71 S3 Pumps 0 S71 472 S129 Pumps 46 S4 Pumps 0 S72 168 S131 Pumps 16 Total Inflows: 8176 8176 8176 Okeechobee Outflows (cfs): S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654	_					
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S154 194 S191 1169 S135 Pumps 177 S84 214 S133 Pumps 125 S2 Pumps 0 S84X 683 S127 Pumps 71 S3 Pumps 0 S71 472 S129 Pumps 46 S4 Pumps 0 S72 168 S131 Pumps 16 Total Inflows: 8176 Okeechobee Outflows (cfs): S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654			C5	0	Figheating Cr	955
S84 214 S133 Pumps 125 S2 Pumps 0 S84X 683 S127 Pumps 71 S3 Pumps 0 S71 472 S129 Pumps 46 S4 Pumps 0 S72 168 S131 Pumps 16 Total Inflows: 8176 8176 8176 8177 7307 S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654						
S84X 683 S127 Pumps 71 S3 Pumps 0 S71 472 S129 Pumps 46 S4 Pumps 0 S72 168 S131 Pumps 16 Total Inflows: 8176 Okeechobee Outflows (cfs): S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654					_	
S72 168 S131 Pumps 16 Total Inflows: 8176 Okeechobee Outflows (cfs): S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654						
Total Inflows: 8176 Okeechobee Outflows (cfs): S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654	S71	472	S129 Pumps	46		0
Okeechobee Outflows (cfs): S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654	S72	168	S131 Pumps	16		
S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654	Total Inflows:	8176				
S135 Culverts 0 S354 0 S77 7307 S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654	Okeechobee Outf	lows (cfg):				
S127 Culverts 0 S351 0 S77Below 6154 S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654				0	S77	7307
S129 Culverts 0 S352 0 S308 2940 S131 Culverts 0 L8 Canal Pt 9 S308Below 2654						
S131 Culverts 0 L8 Canal Pt 9 S308Below 2654						
Total Outflows: 10256	S131 Culverts	0	L8 Canal Pt	9		
	Total Outflows:	10256				

****\$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 0.25 \$308 0.30

Average Pan Evap x 0.75 Pan Coefficient = 0.21" = 0.02'

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 -11344 cfs or -22500 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
(ft)	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
(IC)		(I) see 1	note at	bott	.om				
North East Sl	hore	(–	,							
S133 Pumps S193:	: 13.34	15.68	125	24	0	41	0	53	(cf	3)
S191:	18.02	15.69	1169	1.5	1.0	1.5				
S135 Pumps	: 13.34	15.81	177	61	0	55	67		(cf:	3)
S135 Culve	rts:		0	0.0	0.0					
North West S	hore									
S65E:	21.04	15.61		1.8		1.8			1.3	
S127 Pumps		15.88	71		0	34	52	0	(cf:	3)
S127 Culve	rt:		0	0.0						
S129 Pumps	: 12.86	16.04	46	42	0	0			(cfs	s)
S129 Culve	rt:		0	0.0						
S131 Pumps	: 12.82	16.06	16	0	18				(cf:	3)
S131 Culve:			0						•	•
	~ 1									
Fisheating nr Palmd		32.78	955							
nr Lakep		32.70	955							
C5:		15.97	0	0.0 0	.0 0	0.0				
			-		•					
South Shore										
S4 Pumps:			0	0		0			(cf:	3)
S169:	14.60	10.94	0	0.0	0.0	0.0				

```
      S310:
      16.27
      2

      S3 Pumps:
      10.64
      16.49
      0
      0
      0
      0

      S354:
      16.49
      10.64
      0
      0.0
      0.0
      0

      S2 Pumps:
      9.84
      16.41
      0
      0
      0
      0
      0

      S351:
      16.41
      9.84
      0
      0.0
      0.0
      0.0
      0.0

      S352:
      16.31
      9.29
      0
      0.0
      0.0
      3.0
      0.0

                                                                                  (cfs)
                                                                                 (cfs)
                                                  0.0 0.0 3.0 0.0 0.0
                              14.56
                                            9
  L8 Canal PT
                     S351 and S352 Temporary Pumps/S354 Spillway
  S351:
                   9.84
                              16.41 0 -NR--NR--NR--NR--NR-
  S352:
                  9.29
                              16.31
                                            0 -NR--NR--NR--NR-
                              16.49
                                         0 -NR--NR--NR--NR-
  S354:
                  10.64
Caloosahatchee River (S77, S78, S79)
S47B: 12.82 10.73
                                                  0.9 1.4
  S47D:
                 10.52
                             10.49 101 6.0
  S77:
    Spillway and Sector Flow:
                15.74 10.84
                                          7300 6.0 6.0 6.0 6.0
    Flow Due to Lockages+:
                                          7
                                       6154
  S77 Below USGS Flow Gage
  S78:
    Spillway and Sector Flow:
                  10.31 3.13
                                          7017 6.5 5.0 5.5 5.5
    Flow Due to Lockages+:
  S79:
     Spillway and Sector Flow:
                   -NR- -NR- 7845 -NR- -NR- -NR- -NR- -NR- -NR- -NR- -
NR-
    Flow Due to Lockages+:
                                         -NR-
    Percent of flow from S77
                                           93%
    Chloride
                            (mgg)
                                         -N
St. Lucie Canal (S308, S80)
  S308:
     Spillway and Sector Flow:
                  15.99 14.90 2937 5.0 2.8 2.8 2.8
                                          3
    Flow Due to Lockages+:
  S308 Below USGS Flow Gage 2654
S153: 18.96 14.67 102
                                         102 0.5 0.6
  S80:
    Spillway and Sector Flow:
                  13.77 2.04
                                          3086  0.8  0.8  0.8  0.8  0.8  0.8
    Flow Due to Lockages+:
                                          21
    Percent of flow from S308
                                          95%
  Steele Point Top Salinity (mg/ml) 3690
  Steele Point Bottom Salinity (mg/ml) ****
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Speedy Point Top Salinity (mg/ml) 838
Speedy Point Bottom Salinity (mg/ml) 545
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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
_				WI	11u
Daily Precipitation Totals	1-Day	3-Day	7-Day	Directio	n
Speed	-	-	1		
-	(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	1.01	49	3
S78:	0.00	0.00	1.37	5	1
S79:	-NR-	0.00	0.00	-NR-	-NR-
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	1.70	67	5
S80:	0.01	0.02	2.52	12	3
Okeechobee Average	0.00	0.00	0.21		
(Sites S78, S79 and	S80 not inc	:luded)			
Oke Nexrad Basin Avg	-NR-	0.00	2.69		

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Okeechobee Lake Elevations	09 OCT 2016	16.04 Difference from
090CT16		
090CT16 - 1 Day =	08 OCT 2016	16.09 0.05
090CT16 - 2 Days =	07 OCT 2016	16.16 0.12
090CT16 - 3 Days =	06 OCT 2016	15.93 -0.11
090CT16 -4 Days =	05 OCT 2016	15.90 -0.14
090CT16 - 5 Days =	04 OCT 2016	15.86 -0.18
090CT16 - 6 Days =	03 OCT 2016	15.78 -0.26
090CT16 - 7 Days =	02 OCT 2016	15.75 -0.29
090CT16 - 30 Days =	09 SEP 2016	15.17 -0.87
090CT16 -1 Year =	09 OCT 2015	14.75 -1.29
090CT16 - 2 Year =	09 OCT 2014	15.69 -0.35

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

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Lake Okeechobee Net Inflow (LONIN)

	Average	Flow over the	previous 14 days	Avg-Daily Flow
090CT16	Today =	09 OCT 2016	12813 MON	-2527
090CT16	-1 Day =	08 OCT 2016	13528 SUN	-8181
090CT16	-2 Days =	07 OCT 2016	14964 SAT	56118
090CT16	-3 Days =	06 OCT 2016	11754 FRI	10695
090CT16	-4 Days =	05 OCT 2016	11740 THU	10725
090CT16	-5 Days =	04 OCT 2016	11734 WED	20321
090CT16	-6 Days =	03 OCT 2016	11608 TUE	14838
090CT16	-7 Days =	02 OCT 2016	11639 MON	6340
090CT16	-8 Days =	01 OCT 2016	11700 SUN	10397
090CT16	-9 Days =	30 SEP 2016	11349 SAT	14828
090CT16	-10 Days =	29 SEP 2016	10783 FRI	11300
090CT16	-11 Days =	28 SEP 2016	10506 THU	12947
090CT16	-12 Days =	27 SEP 2016	10527 WED	8785
090CT16	-13 Days =	26 SEP 2016	10571 TUE	12793

-					se	55E			
				Average	Flow	v over	previous	14 days	Avg-Daily Flow
090CT16		Today	<i>7</i> =	09	OCT	2016	4608	MON	4112
090CT16	-1	Day	=	08	OCT	2016	4719	SUN	4036
090CT16	-2	Days	=	07	OCT	2016	4863	SAT	3848
090CT16	-3	Days	=	06	OCT	2016	5026	FRI	4045
090CT16	-4	Days	=	05	OCT	2016	5173	THU	3956
090CT16	-5	Days	=	04	OCT	2016	5346	WED	4066
090CT16	-6	Days	=	03	OCT	2016	5482	TUE	4313
090CT16	-7	Days	=	02	OCT	2016	5576	MON	4267
090CT16	-8	Days	=	01	OCT	2016	5648	SUN	4743
090CT16	-9	Days	=	30	SEP	2016	5694	SAT	5317
090CT16	-10	Days	=	29	SEP	2016	5723	FRI	5334
090CT16	-11	Days	=	28	SEP	2016	5729	THU	5454
090CT16	-12	Days	=	27	SEP	2016	5745	WED	5494
090CT16	-13	Days	=	26	SEP	2016	5730	TUE	5533

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)
09	OCT	2016	14490	12203	13933	-NR-
80	OCT	2016	14341	11109	15004	-NR-
07	OCT	2016	9344	7801	11476	-NR-
06	OCT	2016	6788	8272	10437	-NR-
05	OCT	2016	2707	3928	8043	-NR-
04	OCT	2016	2789	4610	6392	-NR-
03	OCT	2016	7813	12257	12330	-NR-
02	OCT	2016	7620	12274	12544	-NR-
01	OCT	2016	7692	12228	12816	-NR-
30	SEP	2016	6617	11468	13725	-NR-
29	SEP	2016	6156	12111	11867	-NR-
28	SEP	2016	7081	10739	9633	-NR-
27	SEP	2016	7589	10784	8891	-NR-

			S-310	S-351	S-352	S-354	L8 Cana	l Pt
			Discharge	Discharge	Discharge	Discharge	e Dischar	ge
			(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DA	Y)
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
09	OCT	2016	5 4	0	0	0	17	
80	OCT	2016	5 10	0	0	0	-34	
07	OCT	2016	94	0	0	0	-18	
06	OCT	2016	5 17	0	0	0	2	
05	OCT	2016	8	0	0	0	21	
04	OCT	2016	5 -2	0	0	0	80	
03	OCT	2016	5 -1	0	93	0	237	
02	OCT	2016	-8	0	420	0	250	
01	OCT	2016	-37	0	0	0	248	
30	SEP	2016	5 –9	0	0	0	234	
29	SEP	2016	32	0	12	0	249	
28	SEP	2016	16	0	103	0	264	
27	SEP	2016	18	0	250	0	261	
26	SEP	2016	14	0	16	0	249	
			S-308	Below S-308	S-80			
			Discharge	Discharge	Discharge	!		
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)			
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)			
09	OCT	2016	5 5830	5262	5215			
80	OCT	2016	4923	4161	6210			
07	OCT	2016	-NR-	1405	-NR-			
06	OCT	2016	5 24	37	850			
05	OCT	2016	36	124	1396			
04	OCT	2016	1194	1214	3348			
03	OCT	2016	4277	3938	2936			
02	OCT	2016	4343	3927	2844			
01	OCT	2016	4232	3842	2815			
30	SEP	2016	4974	4804	3218			
29	SEP	2016	5504	5737	4226			
28	SEP	2016	5 5943	5970	4650			
27	SEP	2016	6183	6125	4748			
26	SEP	2016	3197	2978	3250			
* * *	k NTC)TF.	Diacha	rae (NII DNI	/) is comput	ad maina	Spillway	Sector

26 SEP 2016 6963 9228 7411 -NR-

*** 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

110w Computed 110m 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.

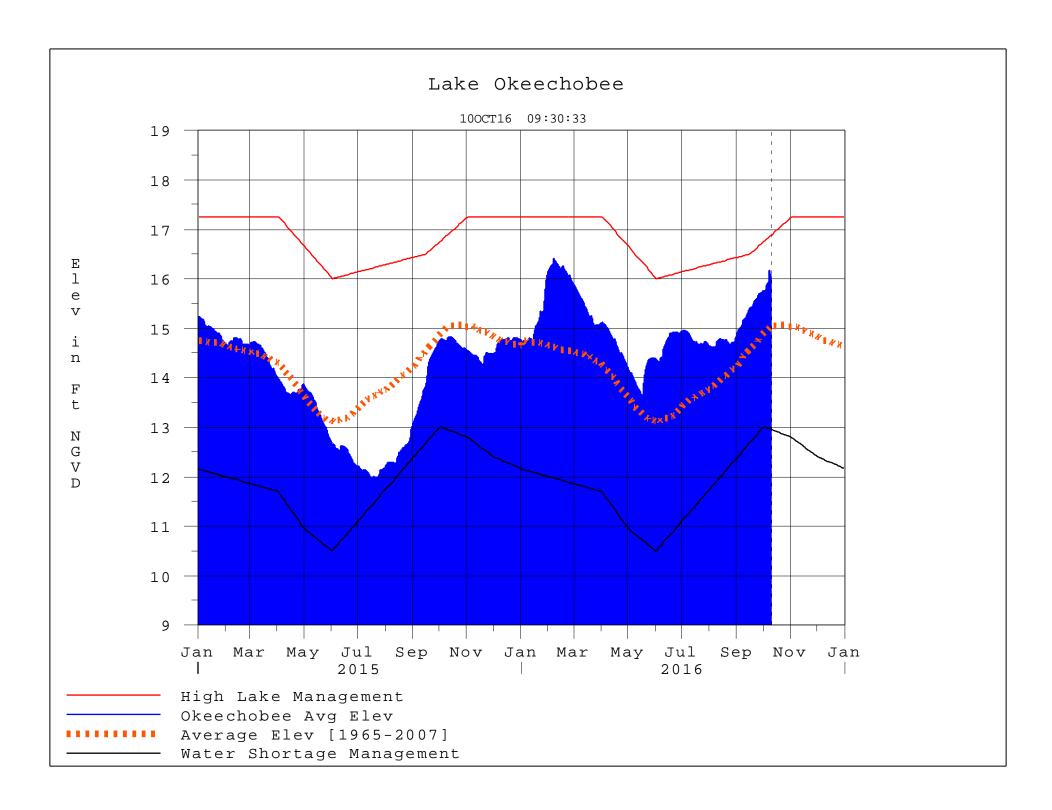
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 100CT2016 @ 09:45 ** 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	

^{*} 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

^{**}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