Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 6/22/2015 (Developing El Nino 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 El Nino years³ and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with ENSO El Nino years⁴. The results for Croley's method and the SFWMD empirical method are based on the CPC Outlook.

Table of the Lake Okeechobee Net Inflow Outlooks in feet of equivalent depth. All methods are updated on a weekly basis with observed net inflow for the current month.

Season	Croley's Method ^{1*}		SFWMD Empirical Method ²		ENS	ampling of D El Nino ears ³	Sub-sampling of AMO Warm + ENSO EI Nino Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Jun- Nov)	N/A	N/A	2.55	Very Wet	2.24	Very Wet	1.63	Wet
Multi Seasonal (Jun-Apr)	N/A	N/A	3.09	Wet	3.78	Wet	3.75	Wet

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

See <u>Seasonal</u> and <u>Multi-Seasonal</u> tables for the classification of Lake Okeechobee Outlooks.

The recommended methods and values for estimating the Lake Okeechobee Net Inflow Outlook are shaded and should be used in the LORS2008 Release Guidance Flow Charts.

Tributary Hydrologic Conditions Graph:

84 cfs 14-day running average for Lake Okeechobee Net Inflow through 6/21/2015. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

- **1.46** for Palmer Index on 6/20/2015. 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 6/22/2015

Lake Okeechobee Stage: 12.45 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
20110/	Dana	(1001, 14070)	Lake Glage
High Lake Manage	ement Band	16.10	
	High sub-band	15.62	
Operational Band	Intermediate sub-band	15.15	
	Low sub-band	13.20	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	10.93	← 12.45
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 6/22/2015 (ENSO Neutral Condition):

Water Supply Department Technical Input

Water Supply Outlook:

District wide, Raindar rainfall 0.62 inches for the week ending 6/23/2015. Lake stage on 6/22/2015 is 12.45 ft, down 0.15 ft from last week.

The updated June 2015 SFWMM Dynamic Position Analysis <u>percentile graph</u> and <u>tracking chart</u> for Lake Okeechobee show that the lake stage is in the Low Flow 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

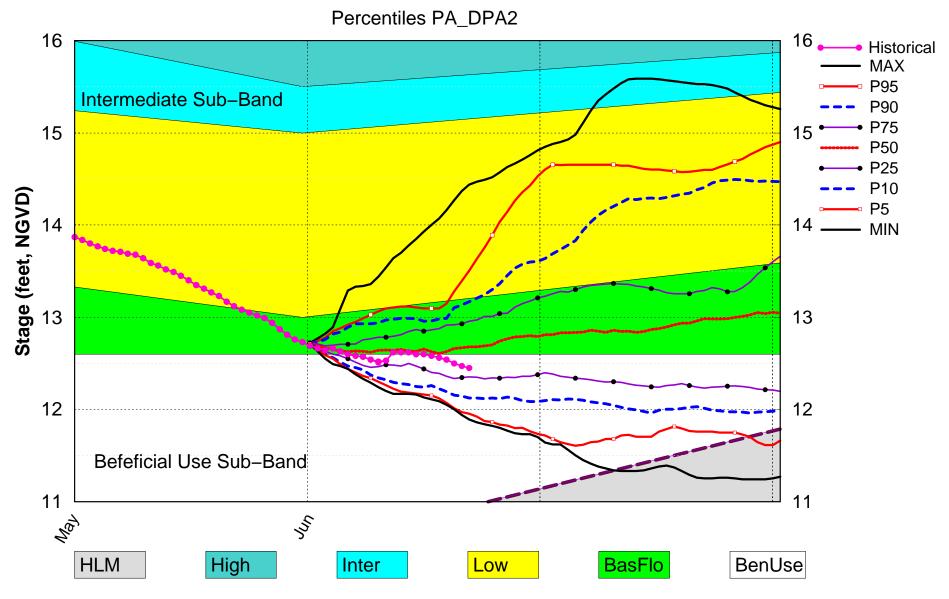
Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Base Flow Sub-Band	М
	Palmer Index for LOK Tributary Conditions	-1.46 (Dry)	М
I OK	CDC Descriptation Cuttons	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Forecast AMO warm/El Nino	1.63 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Forecast AMO warm/El Nino	3.75 ft (Wet)	L
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (15.37 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.61 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (8.82 ft)	L
	Service Area 1	Year-Round Irrigation Rule in effect	L
LEC	Service Area 2	50% or more of USGS wells are within the lowest 10% to 30% of past water elevations and not more than 25% are in the lowest 10% of past water elevations	М
	Service Area 3	50% or more of USGS wells are within the lowest 10% to 30% of past water elevations and not more than 25% are in the lowest 10% of past water elevations	М

Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow forecasts use slightly different classification intervals than those used by the 2008-LORS for classifying the tributary hydrologic condition (THC).

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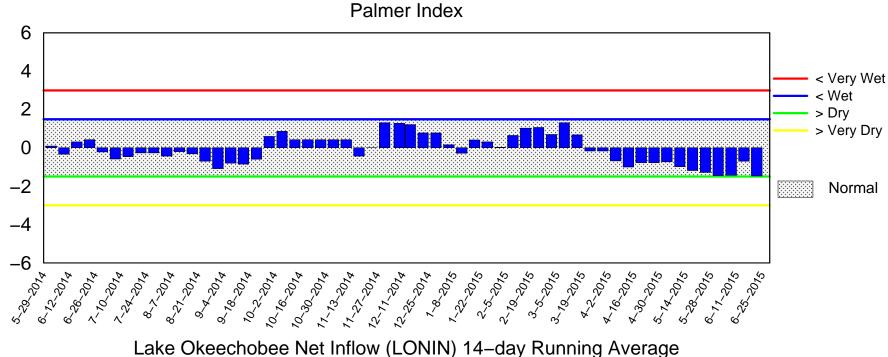
Back to U.S. Army Corps of Engineers LORSS Homepage

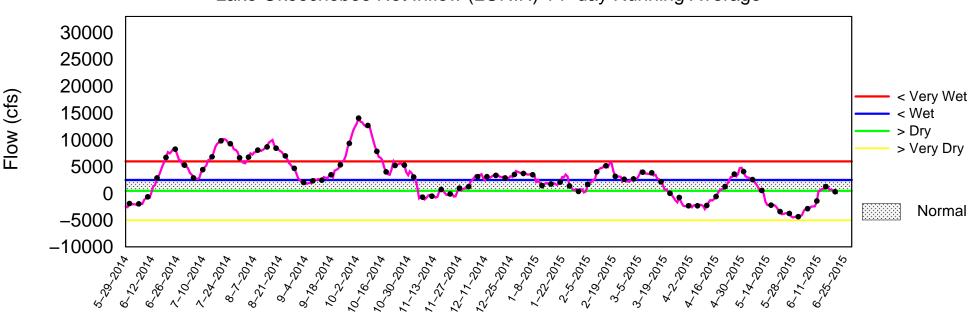
Lake Okeechobee SFWMM June 2015 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of June 22 2015

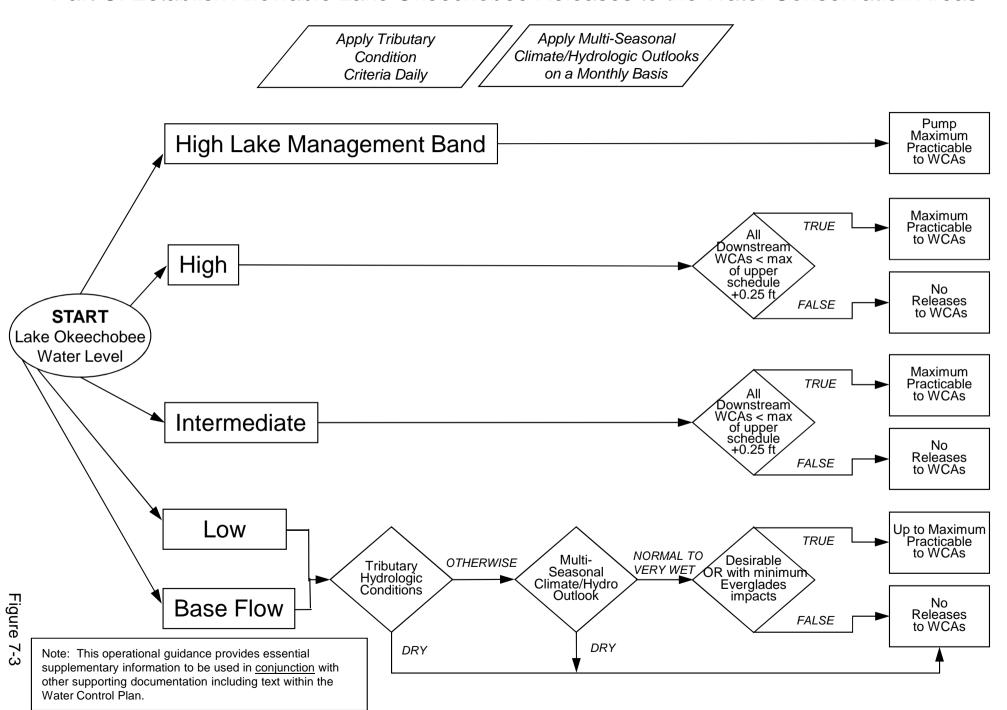




Tue Jun 23 08:42:16 EDT 2015

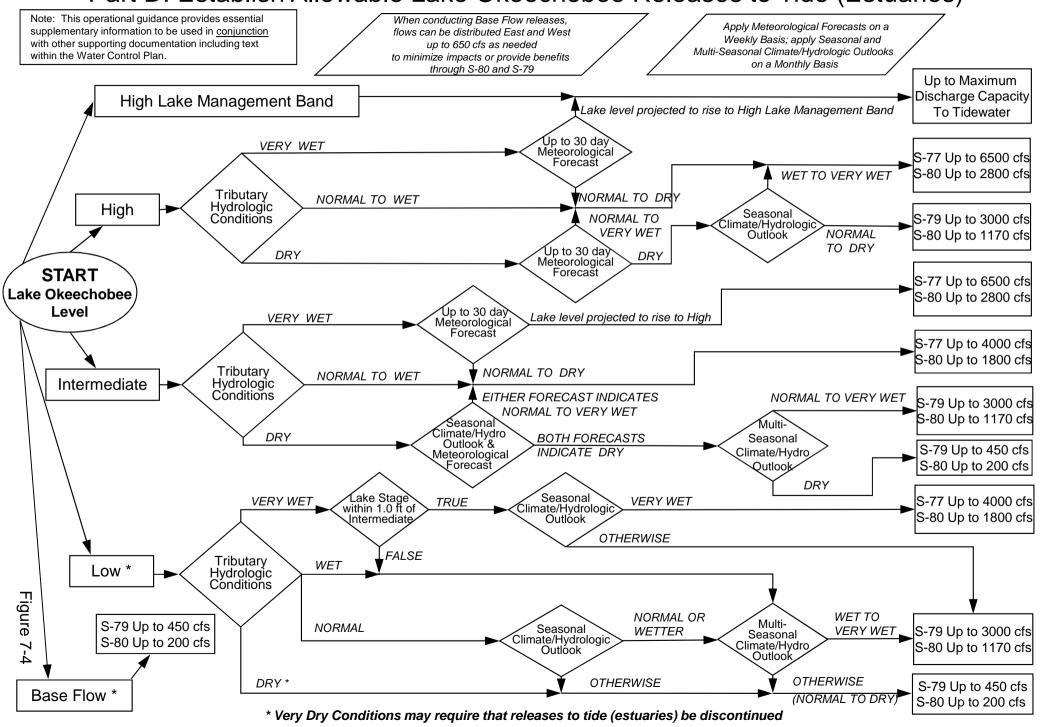
2008 LORS

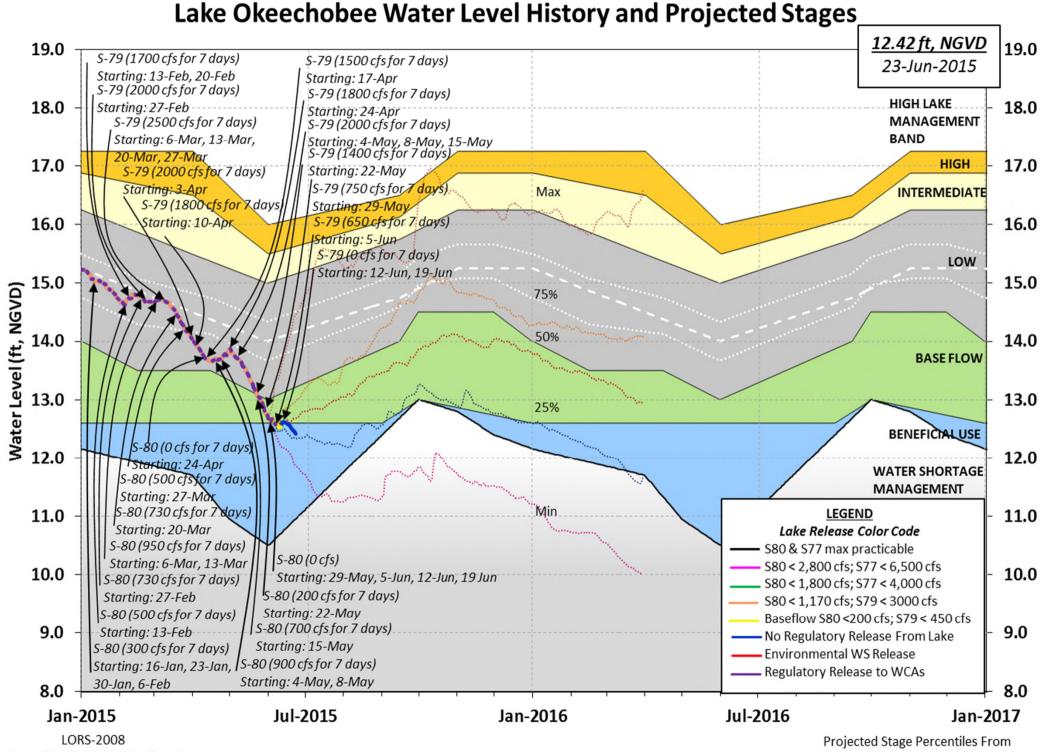
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



2008 LORS

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





Adopted by USACE 28-April-2008

Projected Stage Percentiles From SFWMD-HESM Position Analysis

Data Ending 2400 hours 14 JUN 2015

Okeechobee Lake					
	Regulation			ear 2YRS Ago VD) (ft-NGVD)	
*Okeechobee La Bottom of High Currently in C	n Lake Mngmt	on 12.60 = 16.06 Top	of Water S	50 13.94 (Off hort Mngmt= 10.7	
Simulated Aver Difference fro	_		12.02 0.58		
14JUN (1965-20 Difference fro			erage 13	.18 58	
Today Lake Oke stations	eechobee ele	evation is det	ermined fr	om the 4 Int & 4	Edge
_	Depth (Based	d on 2007 Char	nnel Condit	ion Survey) Rout	e 1 ÷
6.54'					0
++Navigation I	Depth (Based	d on 2008 Char	nel Condit	ion Survey) Rout	e 2 ÷
Bridge Clearar	ace = 49.11				
_					
4 Totalian and	l Edera Olassa	ubabaa Talea As	/ 7	Da:]] \ .	
4 Interior and 4	i Eage Okeed	chobee Lake Av	rerage (Avg	-Daily values).	
L001 L005	L006 LZ40) S4 S35	52 S308	S133	
12.49 12.76	12.59 12.5	66 12.72 12.	69 12 46	12.57	
			0, 12.10		
			12.10		
		ora Dailar Lake		12 60	
*Combination Ok		Avg-Daily Lake			
		Avg-Daily Lake		12.60 (*See Note)	
		Avg-Daily Lake			
*Combination Ok 	seechobee I	Avg-Daily Lake			
*Combination Ok _ Okeechobee Inflo	xeechobee A		e Average =	(*See Note)	106
*Combination Ok _ Okeechobee Inflo	eechobee A ows (cfs): 528	S191	e Average =	(*See Note) Fisheating Cr	126
*Combination Ok 	eechobee A ows (cfs): 528 0	S191 S133 Pumps	e Average = 0 0	(*See Note) Fisheating Cr S135 Pumps	0
*Combination Ok 	eechobee A ows (cfs): 528	S191 S133 Pumps S127 Pumps	e Average =	(*See Note) Fisheating Cr S135 Pumps S2 Pumps	
*Combination Ok - Okeechobee Inflo S65E S154 S84	ows (cfs): 528 0 134	S191 S133 Pumps	0 0 0	(*See Note) Fisheating Cr S135 Pumps	0 0
*Combination Ok	ows (cfs): 528 0 134 238 72 0	S191 S133 Pumps S127 Pumps S129 Pumps	e Average = 0 0 0 0 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination Ok Okeechobee Inflo S65E S154 S84 S71 S72	ows (cfs): 528 0 134 238 72	S191 S133 Pumps S127 Pumps S129 Pumps	e Average = 0 0 0 0 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination Ok	ows (cfs): 528 0 134 238 72 0 1098	S191 S133 Pumps S127 Pumps S129 Pumps	e Average = 0 0 0 0 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination Ok Okeechobee Inflo S65E S154 S84 S71 S72 C5 Total Inflows: Okeechobee Outfl	ows (cfs): 528 0 134 238 72 0 1098	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	e Average = 0 0 0 0 0 0	Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
*Combination Ok Okeechobee Inflo S65E S154 S84 S71 S72 C5 Total Inflows: Okeechobee Outfl S135 Culverts	ows (cfs): 528 0 134 238 72 0 1098	S191 S133 Pumps S127 Pumps S129 Pumps	e Average = 0 0 0 0 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination Ok Okeechobee Inflo S65E S154 S84 S71 S72 C5 Total Inflows: Okeechobee Outfl	ows (cfs): 528 0 134 238 72 0 1098	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	e Average = 0 0 0 0 0 0	Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0

S129 Culverts 0	s352	335	S308	-3						
(Used) S131 Culverts USED)	L8 Canal Pt	-67	S308Below	71 (NOT						
Total Outflows: 1050										
****S77 Structure outflow is being used to compute Total Outflow. ****S308 Structure outflow is being used to compute Total Outflow.										
Okeechobee Pan Evaporation (inches): S77 0.32 S308 0.28 Average Pan Evap x 0.75 Pan Coefficient = 0.23" = 0.02'										
Lake Average Precipita	ation using NEXRAD:	= 0.00" =	0.00'							
Evaporation - Precipitation: = 0.23" = 0.02' Evaporation - Precipitation using Lake Area of 730 square miles is equal to 4417 cfs out of the lake. Lake Okeechobee (Change in Storage) Flow is -3832 cfs or -7600 AC-FT										
_										

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

	Headwater	Tailwater				Gat	e Pos	sition	ıs	
#8	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6 #7	7
	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft) (ft	=)
(ft)		(т) see n	ote at	bott	- Om				
North East Sh	nore	(-	, 500 11	occ ac	2000	20111				
S133 Pumps S193:	: 13.15	12.54	0	0	0	0	0	0	(cfs)	
S191:	18.22	12.50	0	0.0	0.0	0.0				
S135 Pumps	:	-NR-	0	0	0	0	0		(cfs)	
S135 Culve	rts:		-NR-	-NR-	-NR-					
North West Sh		10.50								
	21.14	12.50				0.5				
S127 Pumps S127 Culve		12.62	0	0.0	0	0	0	0	(cfs)	
S129 Pumps S129 Culve		12.86	0 0	0 0.1	0	0			(cfs)	
S131 Pumps S131 Culve		12.89	0	0	0				(cfs)	
Fisheating nr Palmda nr Lakepo	ale	31.18 12.90	126							

S47B: 14.40 10.77	5:	13.42	12.88	0	0.0	0.0	0.0				
S169: 12.69 10.79 0 0.0 0.0 0.0 0.0 S1310: 12.63											
\$310: 12.63	4 Pumps:	10.80	12.65	0	0	0	0			(cfs	;)
S3 Pumps: 10.98 12.70 0 0 0 0 0 (cfs S354: 12.70 10.98 496 0.4 0.6 S2 Pumps: 10.37 12.63 0 0 0 0 0 0 (cfs S351: 12.63 10.37 284 0.0 0.0 0.0 S351: 12.63 12.71 10.80 335 1.2 13 C10A: -NR- 12.76 8.5 8.5 8.5 8.5 8.5 8.5 8.5 LB Canal PT 12.55 -67 S351 and S352 Temporary Pumps/S354 Spillway S351: 10.37 12.63 284 -NRNRNRNRNR-S352: 10.80 12.71 335 -NRNRNRNRNR-S354: 10.98 12.70 496 -NRNRNRNRNR-S354: 10.98 12.70 496 -NRNRNRNRNR-S5354: 10.98 12.70 496 -NRNRNRNRNR-S77: Spillway and Sector Flow: 12.58 10.77 0.5 0.5 Spillway and Sector Flow: 12.58 10.75 0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 5 S77 Below USGS Flow Gage 12 S78: Spillway and Sector Flow: 10.56 2.97 1154 0.0 2.5 0.0 0.0 Flow Due to Lockages+: 18 S79: Spillway and Sector Flow: 3.13 0.40 2041 0.0 0.0 1.0 2.0 1.0 0.0 0.0 0.0 Flow Due to Lockages+: 10 Percent of flow from S77 0% Chloride (ppm) 66 St. Lucie Canal (S308, S80) S308: Spillway and Sector Flow: 12.48 14.39 0 0.0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: -3 S308 Below USGS Flow Gage 71 S153: 19.05 14.24 0 0.0 0.0 0.0 S80:	169:	12.69	10.79	0	0.0	0.0	0.0				
\$354: 12.70 10.98 496 0.4 0.6 \$2 Pumps: 10.37 12.63 0 0 0 0 0 0 0 (cfs \$351: 12.63 10.37 284 0.0 0.0 0.0 \$352: 12.71 10.80 335 1.2 1.3 \$C10A: -NR- 12.76 8.5 8.5 8.5 8.5 8.5 8.5 L8 Canal PT 12.55 -67 \$351 and \$352 Temporary Pumps/\$354 Spillway \$351: 10.37 12.63 284 -NRNRNRNRNRNR- \$352: 10.80 12.71 335 -NRNRNRNRNR- \$352: 10.80 12.71 335 -NRNRNRNR- \$354: 10.98 12.70 496 -NRNRNRNR- \$357: \$14.40 10.77 0.5 0.5 \$371: 14.40 10.77 0.5 0.5 \$371: 12.58 10.71 32 4.8 \$371: 12.58 10.75 0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 5 \$77 Below USGS Flow Gage 12 \$78: \$pillway and Sector Flow: 10.56 2.97 1154 0.0 2.5 0.0 0.0 Flow Due to Lockages+: 18 \$79: \$pillway and Sector Flow: 3.13 0.40 2041 0.0 0.0 1.0 2.0 1.0 0.0 Flow Due to Lockages+: 10 Percent of flow from \$77 08 Chloride (ppm) 66 \$\$5t. Lucie Canal (\$308, \$80)\$ \$308: \$pillway and Sector Flow: 12.48 14.39 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	310:	12.63		-84							
\$354: 12.70 10.98 496 0.4 0.6 \$2	3 Pumps:	10.98	12.70	0	0	0	0			(cfs	;)
S2 Pumps: 10.37				496	0.4	0.6				•	
\$351: 12.63 10.37 284 0.0 0.0 0.0 \$352: 12.71 10.80 335 1.2 1.3 \$1.2 1.3 \$1.00 \cdots \cdot \cdots \cdot \cdots \c							0	0		(cfs	;)
\$352: 12.71 10.80 335 1.2 1.3 C10A: -NR- 12.76 8.5 8.5 8.5 8.5 8.5 8.5 L8 Canal PT 12.55 -67 \$351 and \$352 Temporary Pumps/\$354 Spillway \$351: 10.37 12.63 284 -NRNRNRNRNRNR-S352: 10.80 12.71 335 -NRNR-NR-NR-NR-S354: 10.98 12.70 496 -NRNRNR-NR-S354: 10.98 12.70 496 -NRNR-NR-NR-S354: 10.98 12.70 496 -NRNR-NR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR								· ·		(022	,
C10A: -NR- 12.76							0.0				
S351 and S352 Temporary Pumps/S354 Spillway S351: 10.37 12.63 284 -NRNRNRNRNR-S352: 10.80 12.71 335 -NRNRNRNRNR-S354: 10.98 12.70 496 -NRNRNRNRNR-S354: 10.98 12.70 496 -NRNRNRNRNR-S354: 10.98 12.70 496 -NRNRNRNR-S354: 10.98 12.70 496 -NRNRNRNR-S354: 10.98 12.70 496 -NRNRNRNR-S354: 10.91 10.71 32 4.8 Caloosahatchee River (S77, S78, S79) S47B: 14.40 10.77 0.5 0.5 S47D: 10.71 10.71 32 4.8 S77: Spillway and Sector Flow: 12.58 10.75 0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 5 S77 Below USGS Flow Gage 12 S78: Spillway and Sector Flow: 10.56 2.97 1154 0.0 2.5 0.0 0.0 Flow Due to Lockages+: 18 S79: Spillway and Sector Flow: 3.13 0.40 2041 0.0 0.0 1.0 2.0 1.0 0.0 Flow Due to Lockages+: 10 Percent of flow from S77 0% Chloride (ppm) 66 St. Lucie Canal (S308, S80) S308: Spillway and Sector Flow: 12.48 14.39 0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: -3 S308 Below USGS Flow Gage 71 S153: 19.05 14.24 0 0.0 0.0 0.0				333			- ο	5 9	2 5	Ω Ε	
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S352: 10.80 12.71 335 -NRNRNRNR-S354: 10.98 12.70 496 -NRNRNRNR-S354: 10.98 12.70 496 -NRNRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 14.40 10.77 0.5 0.5 S47D: 10.71 10.71 32 4.8 S77: Spillway and Sector Flow:		S351	and S352	? Tempora	ary Pu	mps/S3	354 Sp	illwa	ay		
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S47B: 14.40 10.77	354:	10.98	12.70	496	-NR	NRNI	RNR-				
S47B: 14.40 10.77											
S47D: 10.71 10.71 32 4.8 S77: Spillway and Sector Flow:				S79)							
S77: Spillway and Sector Flow:											
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Flow Due to Lockages+: 5 S77 Below USGS Flow Gage 12 S78: Spillway and Sector Flow:	Spillway a										
S77 Below USGS Flow Gage 12 S78: Spillway and Sector Flow:					0.0	0.0	0.0	0.0			
S78: Spillway and Sector Flow:	Flow Due t	o Lockage	es+:	5							
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Flow Due to Lockages+: 18 S79: Spillway and Sector Flow:	Spiliway a			1151	0 0	2 E	0 0	0 0			
S79: Spillway and Sector Flow:				_	0.0	2.5	0.0	0.0			
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Percent of flow from S77 0% Chloride (ppm) 66 St. Lucie Canal (S308, S80) S308: Spillway and Sector Flow: 12.48 14.39 0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: -3 S308 Below USGS Flow Gage 71 S153: 19.05 14.24 0 0.0 0.0 S80:											
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Flow Due to Lockages+: -3 S308 Below USGS Flow Gage 71 S153: 19.05 14.24 0 0.0 0.0 S80:	Spillway a										
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S153: 19.05 14.24 0 0.0 0.0 S80:	Flow Due t	o Lockage	es+:	-3							
S153: 19.05 14.24 0 0.0 0.0 S80:	308 Below T	ISGS Flow	Gage	71							
S80:					0 0	0 0					
		17.03	17.4T	U	0.0	0.0					
Challerers and Cogton Elers		C	. Eler-								
Spillway and Sector Flow:	pbilimah a			^		0 0	0 0	0 0	0 0	0 0	0 0
14.52 0.94 0 0.0 0.0 0.0 0.0 0.0 0.0		14.52	0.94	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

```
Flow Due to Lockages+: 12
Percent of flow from S308 NA %

Steele Point Top Salinity (mg/ml) ****
Speedy Point Top Salinity (mg/ml) ****
Speedy Point Top 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	on
-	(inches)	(inches)	(inches)	(Degø)	
(mph)					
S133 Pump Station:	-NR-	0.00	1.71		
S193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-	0.00	0.00		
S135 Pump Station:	-NR-	0.00	1.43		
S127 Pump Station:	-NR-	0.00	2.28		
S129 Pump Station:	-NR-	0.00	1.06		
S131 Pump Station:	-NR-	0.00	1.34		
S77:	0.00	0.05	2.27	143	1
S78:	0.00	0.08	5.48	92	5
S79:	0.00	0.02	1.02	166	4
S4 Pump Station:	-NR-	0.00	0.00		
Clewiston Field Station:	-NR-	0.00	0.00		
S3 Pump Station:	-NR-	0.00	1.22		
S2 Pump Station:	-NR-	0.00	0.81		
S308:	0.00	0.00	2.21	45	1
S80:	0.07	0.07	1.40	175	4
Okeechobee Average	0.00	0.00	1.10		
(Sites S78, S79 and	S80 not inc	cluded)			
Oke Nexrad Basin Avg	0.00		0.00		

_ Okeechobee Lake Elevations 14JUN15	14 JUN 2015	12.60 Difference from
14JUN15 -1 Day =	13 JUN 2015	12.62 0.02
14JUN $15 - 2$ Days =	12 JUN 2015	12.62 0.02
14JUN $15 - 3$ Days =	11 JUN 2015	12.62 0.02
14JUN $15 - 4$ Days =	10 JUN 2015	12.53 -0.07
14JUN $15 - 5$ Days =	09 JUN 2015	12.51 -0.09
14JUN15 -6 Days =	08 JUN 2015	12.54 -0.06
14JUN $15 - 7$ Days =	07 JUN 2015	12.57 -0.03
14JUN15 - 30 Days =	15 MAY 2015	13.40 0.80
14JUN15 -1 Year =	14 JUN 2014	12.50 -0.10
14JUN $15 - 2$ Year =	14 JUN 2013	13.94 1.34

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

Long Term Mean	30day Av	earge Er	101		Allied ()	inches) =	-NR-	
_		Iako O	kood	hoboo	Not Inflo	ow (LONIN)		
	λπον				previous		Avg-Daily B	Flow
14JUN15	Today =	_		2015	1649	MON	Avg Daily -2717	LIOW
	Day =			2015	1585	SUN	503	
	Days =			2015	1675	SAT	-1620	
	Days =			2015	1405	FRI	19998	
	Days =			2015	-798	THU	6411	
	Days =			2015	-2035	WED	-2234	
	Days =			2015	-2298	TUE	-2253	
	Days =			2015	-2322	MON	1702	
	Days =	06	JUN	2015	-2678	SUN	-279	
14JUN15 -9	Days =	05	JUN	2015	-2805	SAT	-NR-	
14JUN15 -10	Days =	04	JUN	2015	-2850	FRI	-2405	
14JUN15 -11	Days =	03	JUN	2015	-3047	THU	6629	
14JUN15 -12	Days =	02	JUN	2015	-4070	WED	-428	
14JUN15 -13	Days =	01	JUN	2015	-4263	TUE	-1868	
_								
_			g e	5E				
		λυοκοσο			previous	14 days	Avg-Daily B	
14JUN15	Today=	_		2015	446	MON	Avg Darry 528	LIOW
	Day =			2015	427	SUN	708	
	Days =			2015	404	SAT	819	
	Days =			2015	363	FRI	648	
	Days =			2015	336	THU	568	
	Days =			2015	310	WED	148	
	Days =			2015	330	TUE	351	
	Days =			2015	338	MON	316	
	Days =			2015	343	SUN	227	
	Days =			2015	368	SAT	-NR-	
14JUN15 -10	_	04	JUN	2015	358	FRI	379	
14JUN15 -11	_	03	JUN	2015	363	THU	525	
14JUN15 -12	_	02	JUN	2015	362	WED	287	
14JUN15 -13	Days =	01	JUN	2015	376	TUE	287	

_ Lake Okeechobee Outlets Last 14 Days

			S-77	S-77	Below S-77	S-78	S-78	S-79
			Discharge	Discharge	Discharge	Discharge	Discharge	Discharge
		(0700-2100)	(ALL DAY)	(ALL-DAY)	(0700-2100)	(ALL DAY)	(ALL DAY)
	DATE	3	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
14	JUN	2015	0	10	24	1113	2325	4068
13	JUN	2015	0	6	202	2092	3385	6189
12	JUN	2015	0	4	-43	1635	2925	5681
11	JUN	2015	7	-NA-	87	1705	2493	6265
10	JUN	2015	604	-NA-	796	816	1386	3021
09	JUN	2015	1071	-NA-	1313	813	1384	2090
80	JUN	2015	1032	-NA-	1272	866	1447	2846
07	JUN	2015	1206	-NA-	1513	819	1401	2237

05 04 03 02	JUN JUN JUN JUN	2015 2015 2015 2015 2015	1147 1223 802 735 1101	-NA- -NA- -NA- -NA-	1502 2055 1126 1409 1947	812 622 624 631 624	1396 1377 1376 1402 1378	2151 2184 2335 2215 1768
01		(1066 S-310 Sischarge ALL DAY)	-NA- S-351 Discharge (ALL DAY)	(ALL DAY)	626 S-354 Discharge (ALL DAY)	1402 L8 Canal Pt Discharge (ALL DAY)	1794
1 1	DATE		(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
		2015 2015	-168 -293	563 26	664 424	984 547	-132 -193	
		2015	-293 -304	0	297	290	-193 -235	
		2015	-185	0	248	527	-176	
		2015	54	1600	660	1483	-26	
		2015	141	2433	1007	1858	201	
80	JUN	2015	165	2388	1027	1860	198	
07	JUN	2015	170	2044	1172	1914	150	
06	JUN	2015	164	1935	1253	1935	68	
		2015	149	-NR-	-NR-	-NR-	122	
		2015	106	1886	1037	1791	157	
		2015	84	1491	664	1493	55	
		2015	103	1838	1122	1327	122	
01	JUN	2015	159	2378	1392	1654	129	
			S-308	Below S-308	S-80			
		D	ischarge	Discharge	Discharge	<u></u>		
			ALL DAY)	(ALL-DAY)	(ALL-DAY)			
	DATE	E	(AC-FT)	(AC-FT)	(AC-FT)			
14	JUN	2015	-7	140	24			
		2015	-9	39	474			
		2015	-8	8	1382			
		2015	-8	-146	40			
		2015	-1	-258	39			
		2015	-0	64	34			
		2015	0	80	50			
		2015	0	64	36			
		2015	0	51	40			
		2015	111	168	30			
		2015	111	139	31 27			
		2015 2015	0 1	160 110	2 / -NR-			
UΖ	OUN	ZUID	Т	110	-MK-			

*** NOTE: 1) Discharge from (0700-2100) is computed using Spillway and Sector $\,$

Gate Discharges from 0700 hrs to 2100 hrs.

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

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01 JUN 2015 1

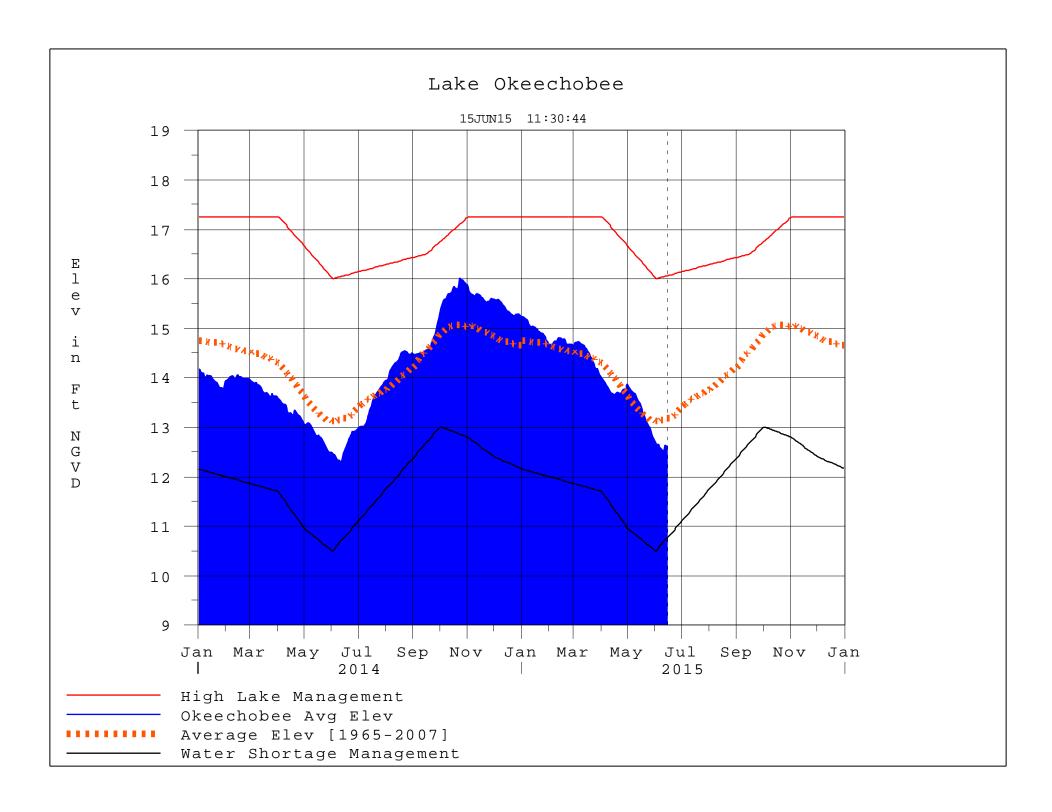
* On 11 May 1999, Lake Okeechobee Elevation was switched from Instantaneous 2400 value to an average-daily lake average.

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 15JUN2015 @ 11:39 ** 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

^{*} 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