Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 8/17/2015 (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 cold 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 ears³	Sub-sampling of AMO Warm + ENSO El Nino Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Aug- Jan)	N/A	N/A	2.27	Very Wet	2.61	Very Wet	1.65	Wet
Multi Seasonal (Aug- Apr)	N/A	N/A	2.50	Wet	3.55	Wet	2.31	Normal

^{*}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:

3327 cfs 14-day running average for Lake Okeechobee Net Inflow through 8/17/2015. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Wet.

-0.92 for Palmer Index on 8/16/2015.

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 8/17/2015

Lake Okeechobee Stage: 12.48 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	omant Band	16.36	
Tilgii Lake Wallage		10.30	
	High sub-band	15.95	
Operational Band	Intermediate sub-band	15.54	
	Low sub-band	13.72	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	12.08	← 12.48
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 8/17/2015 (ENSO Neutral Condition):

Water Supply Department Technical Input

Water Supply Outlook:

District wide, Raindar rainfall 2.24 inches for the week ending 8/18/2015. Lake stage on 8/17/2015 is 12.48 ft, up 0.21 ft from last week.

The updated August 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 Beneficial Use 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

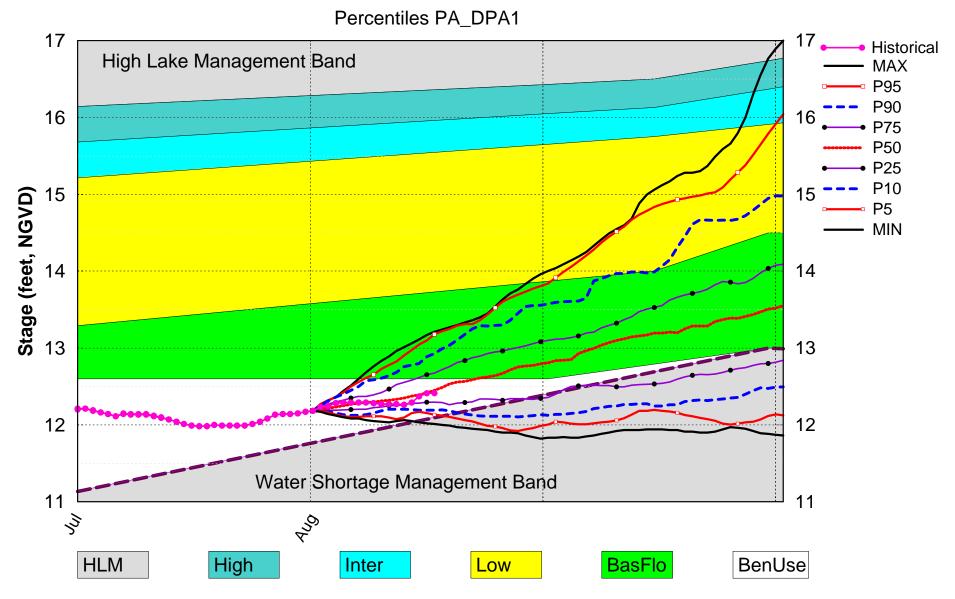
Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Base Flow Sub-Band	М
	Palmer Index for LOK Tributary Conditions	-0.92 (Normal)	L
LOK	CPC Precipitation Outlook	1 month: Normal	L
	Ci C i recipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Forecast AMO warm/El Nino	2.61 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Forecast AMO warm/El Nino	3.55 ft (Wet)	L
	WCA 1: Site 1-8C	Between Line 1 & 2 (15.69 ft)	М
WCAs	WCA 2A: Site 2-17 HW	Between Line 1 & 2 (12.07 ft)	М
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Between Line 1 & 2 (8.77 ft)	М
	Service Area 1	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
LEC	Service Area 2	50% or more of USGS wells are within the lowest 10% to 30% of past water elevations and more than 25% are in the lowest 10% of past water elevations	Н
	Service Area 3	50% or more of USGS wells are within the lowest 10% to 30% of past water elevations and more than 25% are in the lowest 10% of past water elevations	Н

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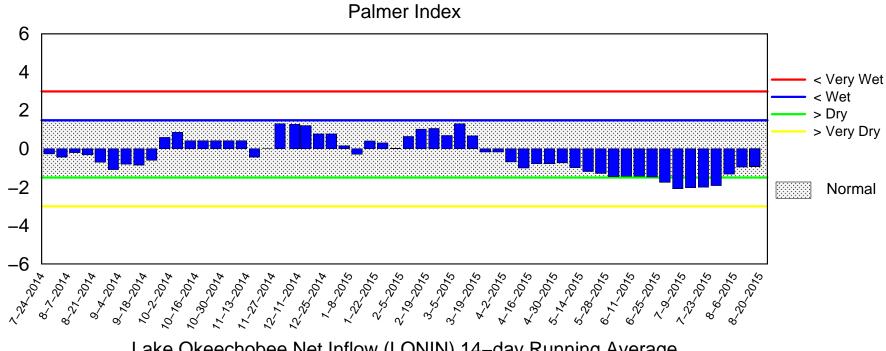
Back to U.S. Army Corps of Engineers LORSS Homepage

Lake Okeechobee SFWMM August 2015 Dynamic Position Analysis

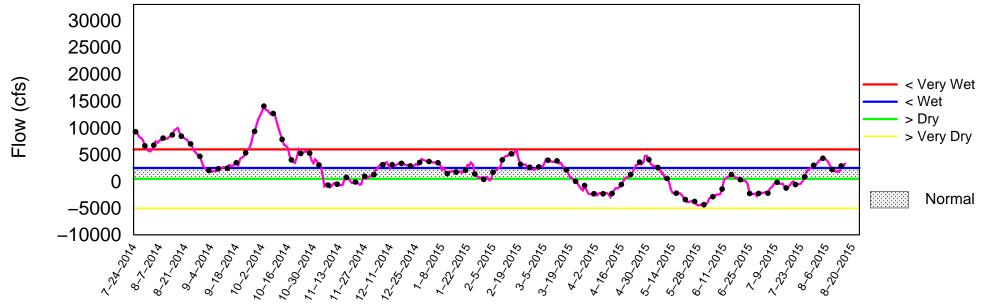


(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of August 17 2015



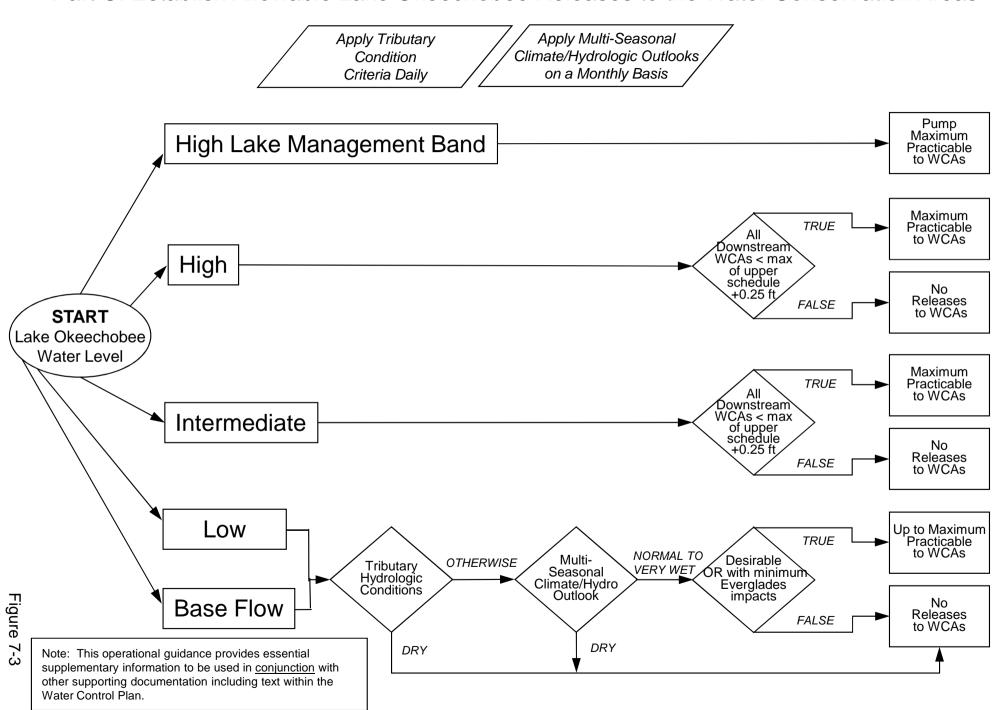




Mon Aug 17 16:10:12 EDT 2015

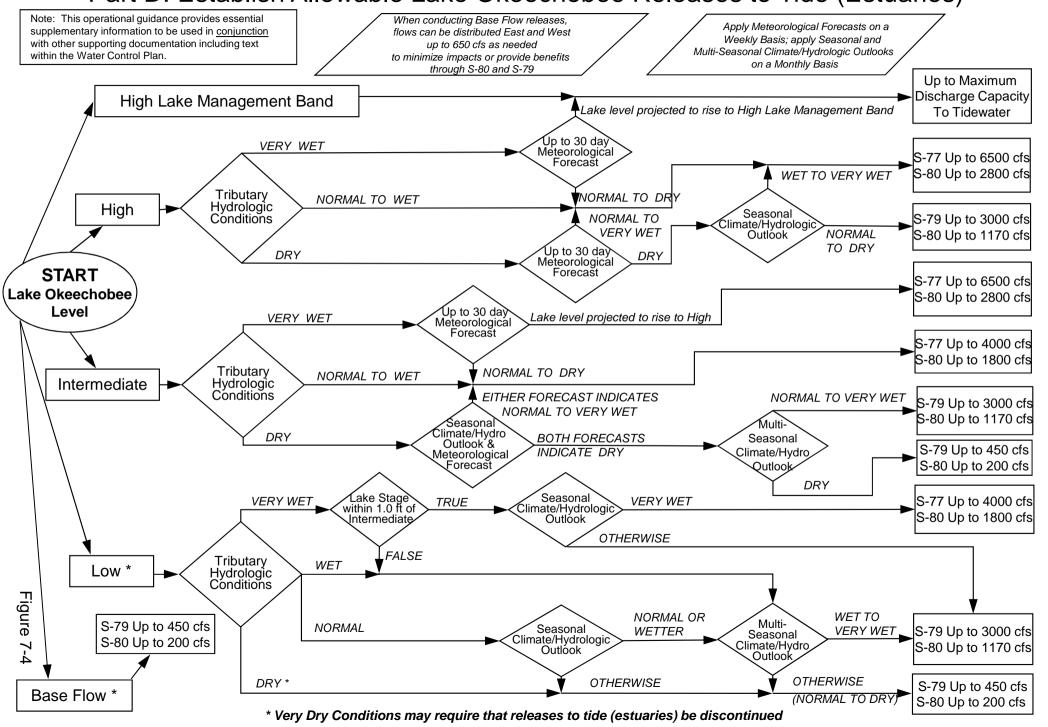
2008 LORS

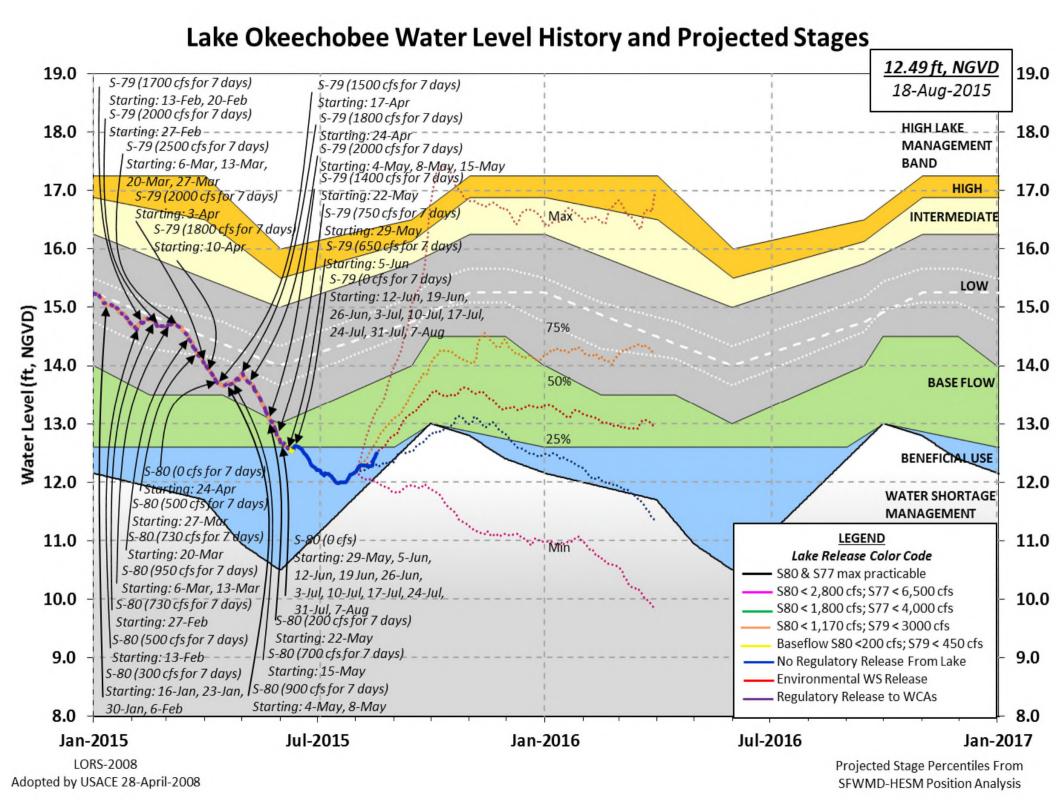
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



2008 LORS

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





Data Ending 2400 hours 16 AUG 2015

Okeechobee Lake Regulation	Okeechobee Lake	D 1 1 1				
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S84 298 S133 Pumps -NR- S2 Pumps 0 S84X 810 S127 Pumps 0 S3 Pumps 0 S71 897 S129 Pumps 69 S4 Pumps 426 S72 0 S131 Pumps 0 Total Inflows: 6106	L001 L005 12.35 12.62 *Combination Ok	L006 LZ4 12.47 12.	0 S4 S3 42 12.61 12	52 S308 .59 12.34	S133 1 12.42 = 12.48	
S84X 810 S127 Pumps 0 S3 Pumps 0 S71 897 S129 Pumps 69 S4 Pumps 426 S72 0 S131 Pumps 0 Total Inflows: 6106 Okeechobee Outflows (cfs):	L001 L005 12.35 12.62 *Combination Ok Combination Ok	L006 LZ4 12.47 12.	0 S4 S3 42 12.61 12 Avg-Daily Lak	52 S308 .59 12.34 ee Average =	S133 4 12.42 = 12.48 (*See Note)	767
S84X 810 S127 Pumps 0 S3 Pumps 0 S71 897 S129 Pumps 69 S4 Pumps 426 S72 0 S131 Pumps 0 Total Inflows: 6106 Okeechobee Outflows (cfs):	L001 L005 12.35 12.62 *Combination Ok - Dkeechobee Inflo	L006 LZ4 12.47 12. seechobee	0 S4 S3 42 12.61 12 Avg-Daily Lak	52 S308 .59 12.34 ee Average =	S133 12.42 = 12.48 (*See Note)	
S72 0 S131 Pumps 0 Total Inflows: 6106 Dkeechobee Outflows (cfs):	L001 L005 12.35 12.62 *Combination Ok - Dkeechobee Inflo S65E S154	L006 LZ4 12.47 12. xeechobee bws (cfs): 2572 0	0 S4 S3 42 12.61 12 Avg-Daily Lak C5 S191	52 S308 .59 12.34 e Average = 0 267	S133 12.42 = 12.48 (*See Note) Fisheating Cr S135 Pumps	0
Total Inflows: 6106 Dkeechobee Outflows (cfs):	L001 L005 12.35 12.62 *Combination Ok Combination Ok Combination Ok Combination Ok Combination Ok Combination Ok	L006 LZ4 12.47 12. seechobee bws (cfs): 2572 0 298	0 S4 S3 42 12.61 12 Avg-Daily Lak C5 S191 S133 Pumps	52 S308 .59 12.34 e Average = 0 267 -NR-	S133 12.42 = 12.48 (*See Note) Fisheating Cr S135 Pumps S2 Pumps	0 0
Okeechobee Outflows (cfs):	L001 L005 12.35 12.62 *Combination Ok Combination Ok Combin	L006 LZ4 12.47 12. seechobee bws (cfs): 2572 0 298 810	0 S4 S3 42 12.61 12 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps	52 S308 .59 12.34 e Average = 0 267 -NR- 0	S133 12.42 = 12.48 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
	L001 L005 12.35 12.62 *Combination Ok Combination Ok Combin	L006 LZ4 12.47 12. seechobee Dws (cfs): 2572 0 298 810 897	0 S4 S3 42 12.61 12 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps	52 S308 5.59 12.34 The Average = 0 267 -NR- 0 69	S133 12.42 = 12.48 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
	L001 L005 12.35 12.62 *Combination Ok Combination Ok Combin	L006 LZ4 12.47 12. seechobee Dws (cfs): 2572 0 298 810 897 0	0 S4 S3 42 12.61 12 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps	52 S308 5.59 12.34 The Average = 0 267 -NR- 0 69	S133 12.42 = 12.48 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
5133 UHIVERIS -NR- 5334 U S// U	*Combination Ok *Combination Ok *Combination Ok *Combination Ok *Combination Ok *Combination Ok *S65E \$154 \$84 \$84X \$71 \$72 Total Inflows:	L006 LZ4 12.47 12. Reechobee DWS (cfs): 2572 0 298 810 897 0 6106	0 S4 S3 42 12.61 12 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps	52 S308 5.59 12.34 The Average = 0 267 -NR- 0 69	S133 12.42 = 12.48 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
	L001 L005 12.35 12.62 *Combination Ok Combination Ok Combin	L006 LZ4 12.47 12.4 seechobee bws (cfs): 2572 0 298 810 897 0 6106 Lows (cfs):	0 S4 S3 42 12.61 12 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	52 S308 .59 12.34 e Average = 0 267 -NR- 0 69 0	S133 12.42 = 12.48 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 426
	L001 L005 12.35 12.62 *Combination Ok Combination Ok Combin	L006 LZ4 12.47 12.4 seechobee bws (cfs): 2572 0 298 810 897 0 6106 Lows (cfs):	0 S4 S3 42 12.61 12 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps	52 S308 5.59 12.34 The Average = 0 267 -NR- 0 69	S133 12.42 = 12.48 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
USED)	L001 L005 12.35 12.62 *Combination Ok Combination Ok Combin	L006 LZ4 12.47 12.4 Reechobee DWS (cfs): 2572 0 298 810 897 0 6106 Lows (cfs): -NR-	0 S4 S3 42 12.61 12 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	52 S308 5.59 12.34 The Average = 0 267 -NR- 0 69 0	S133 12.42 = 12.48 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S4 Pumps S4 Pumps	0 0 0 426

S129 Culverts	0	S352	0	S308	-1					
(Used) S131 Culverts USED)	0	L8 Canal Pt	-68	S308Below	12 (NOT					
Total Outflows:	-31									
****S77 Structure (****S308 Structure		_	-							
Okeechobee Pan Evaporation (inches): S77 0.09 S308 0.30 Average Pan Evap x 0.75 Pan Coefficient = 0.15" = 0.01'										
Lake Average Precip	oitation	using NEXRAD:	= -NR-" =	-NR- '						
Evaporation - Precisive Evaporation - Precisive equal to -NE	ipitatio									
Lake Okeechobee (Ch	Lake Okeechobee (Change in Storage) Flow is 11798 cfs or 23400 AC-FT									
<u>-</u>										

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

	Headwater	Tailwater				Gat	e 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)
(IC)		(т) see no	ote at	botit	.om				
North East Sh	nore	(-	, 500 11	occ ac	. 2000	20111				
S133 Pumps S193:	: 13.27	12.44	-NR-	0	-NR-	0	0	0	(cfs)	
S191:	19.67	12.42	267	0.5	0.0	0.5				
S135 Pumps	<u> </u>	-NR-	0	0	0	0	0		(cfs)	
S135 Culve	rts:		-NR-	-NR-	-NR-					
North West Sh										
	21.19	12.30	_							
S127 Pumps S127 Culve		12.77	0 37	0 1.7	0	0	0	0	(cfs)	
S129 Pumps S129 Culve		13.25	69 0	0	31	37			(cfs)	
S131 Pumps S131 Culve		12.77	0	0	0				(cfs)	
Fisheating nr Palmda nr Lakepo	ale	32.67	767							

C5:	13.10	12.68	0	0.0	0.0	0.0				
South Shore										
S4 Pumps:	12.91	12.58	426	130	211				(cfs	3)
S169:	12.54	12.88	-98	1.0	1.1	1.0				
S310:	12.47		-204							
S3 Pumps:	10.07	12.63	0	0	0	0			(cfs	3)
S354:	12.63	10.07	0	0.0	0.0					
S2 Pumps:	9.56	12.50	0	0	0	0	0		(cfs	3)
S351:	12.50	9.56	0	0.0	0.0	0.0				
S352:	12.62	8.97	0	0.0	0.0					
C10A:	-NR-	12.62		8.5	8.	5 8.	5 8	3.5	8.5	
L8 Canal PT	1	12.43	-68							
	S35	1 and S352	? Tempor	ary Pun	mps/S	354 Sp	illwa	ıy		
S351:	9.56	12.50	0	-NRN	IRN	RNR-	-NR	NR-		
S352:	8.97	12.62	0	-NRN	1RN	RNR-				
S354:	10.07	12.63	0	-NRN	IR−−N	RNR-				
Caloosahatche	e River (S77, S78,	S79)							
S47B:	13.90	-NR-	•	0.0	0.0					
S47D:	11.09	11.09	-22	5.0						
S77:										
	and Secto	r Flow:								
SF = = ± may	12.56	11.14	0	0.0	0.0	0.0	0.0			
Flow Due	to Lockag		0				2.0			
S77 Below U	SGS Flow	Gage	-60							
S78:										
	3									
Spillway	and Secto		0.07	٥ - ٦	0 5	0 5	1 0			
	10.92	3.27	807	0.5	0.5	0.5	1.0			
Flow Due	to Lockag	es+:	2							
S79:										
Spillway	and Secto	r Flow:								
	-NR-	-NR-	-NR-	1.0	1.0	1.0	2.0	2.0	1.0	1
1.0										
Flow Due	to Lockag	es+:	-NR-							
Percent o	of flow fr	om S77	-NR-%							
Chloride		(ppm)	-N							
St. Lucie Can S308:										
Spillway	and Secto									
	12.37	13.46	0	0.0	0.0	0.0	0.0			
Flow Due	to Lockag	es+:	-1							
S308 Below	USGS Flow	Gage	12							
S153:	19.06	13.30	0	0.0	0.0					
S80:			-							
	and Secto	r Flow:								
SF TTT WAY	13.50	1.27	0	0.0	0.0	0.0	0.0	0.0	0.0	0
	10.00	⊥.∠/	U	0.0	0.0	0.0	0.0	0.0	0.0	U

```
Flow Due to Lockages+: 13
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	n
-	(inches)	(inches)	(inches)	(Degø)	
(mph)					
S133 Pump Station:	-NR-	0.00	0.38		
S193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-	0.00	0.00		
S135 Pump Station:	-NR-	0.00	0.19		
S127 Pump Station:	-NR-	0.00	2.52		
S129 Pump Station:	-NR-	0.00	1.24		
S131 Pump Station:	-NR-	0.00	2.24		
S77:	0.21	0.88	1.48	226	1
S78:	0.00	2.50	3.14	229	2
S79:	-NR-	0.70	1.12	-NR-	-NR-
S4 Pump Station:	-NR-	0.00	0.00		
Clewiston Field Station:	-NR-	0.00	0.00		
S3 Pump Station:	-NR-	0.00	3.93		
S2 Pump Station:	-NR-	0.00	2.21		
S308:	0.00	0.58	0.95	50	2
S80:	0.00	0.20	0.67	95	2
Okeechobee Average	0.10	0.11	1.16		
(Sites S78, S79 and	S80 not inc	cluded)			
Oke Nexrad Basin Avg	-NR-	0.82	2.40		

Okeechobee Lake Elevat	ions 16 AUG 2015	12.48 Differen	nce from
16AUG15			
16AUG15 - 1 Day =	15 AUG 2015	12.42	-0.06
16AUG15 - 2 Days =	14 AUG 2015	12.38	-0.10
16AUG15 - 3 Days =	13 AUG 2015	12.29	-0.19
16AUG15 -4 Days =	12 AUG 2015	12.27	-0.21
16AUG15 -5 Days =	11 AUG 2015	12.27	-0.21
16AUG15 -6 Days =	10 AUG 2015	12.27	-0.21
16AUG15 -7 Days =	09 AUG 2015	12.28	-0.20
16AUG15 -30 Days =	17 JUL 2015	11.98	-0.50
16AUG15 -1 Year =	16 AUG 2014	14.44	1.96
16AUG15 - 2 Year =	16 AUG 2013	15.90	3.42

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

				Iako ()koo	ghoboo	Not Inflo	ow (LONIN)	
		7					previous		Avg-Daily Flow
16AUG15	-	roday				2015	3361	MON	Avg-bally Flow 11798
16AUG15		Day				2015	2771	SUN	7764
16AUG15		Days				2015	2952	SAT	17335
16AUG15		Days				2015	1796	FRI	17333 -NR-
16AUG15		Days				2015	1968	THU	470
16AUG15		Days				2015	2100	WED	220
16AUG15		Days				2015	2116	TUE	-1541
16AUG15		Days				2015	2391	MON	-1822
16AUG15		Days				2015	3232	SUN	118
16AUG15		Days				2015	3805	SAT	314
16AUG15		-				2015	4222	FRI	422
16AUG15		_				2015	4485	THU	422
16AUG15		_				2015	4518	WED	2296
16AUG15		-				2015	4414	TUE	5900
					S	55E			
			Av	erage	Flow	v over			
16AUG15		- 1		CIASC		· OVCI	previous	14 days	Avg-Daily Flow
16AUG15		Today	<i>_</i> =			2015	previous 1383	14 days MON	Avg-Daily Flow 2572
	-1	Day		16	AUG				
16AUG15			=	16 15 14	AUG AUG AUG	2015 2015 2015	1383	MON	2572
16AUG15 16AUG15	-2	Day	=	16 15 14	AUG AUG AUG	2015 2015	1383 1273	MON SUN	2572 2000
	-2 -3	Day Days	= = =	16 15 14 13	AUG AUG AUG AUG	2015 2015 2015	1383 1273 1183	MON SUN SAT	2572 2000 1937
16AUG15	-2 -3 -4	Day Days Days	= = = =	16 15 14 13	AUG AUG AUG AUG AUG	2015 2015 2015 2015	1383 1273 1183 1105	MON SUN SAT FRI	2572 2000 1937 1570
16AUG15 16AUG15	-2 -3 -4 -5	Day Days Days Days	= = = =	16 15 14 13 12	AUG AUG AUG AUG AUG	2015 2015 2015 2015 2015	1383 1273 1183 1105 1057	MON SUN SAT FRI THU	2572 2000 1937 1570 1602
16AUG15 16AUG15 16AUG15	-2 -3 -4 -5 -6	Day Days Days Days Days	= = = = =	16 15 14 13 12 11	AUG AUG AUG AUG AUG AUG	2015 2015 2015 2015 2015 2015	1383 1273 1183 1105 1057 994	MON SUN SAT FRI THU WED	2572 2000 1937 1570 1602 1316
16AUG15 16AUG15 16AUG15 16AUG15	-2 -3 -4 -5 -6 -7	Days Days Days Days Days	= = = = =	16 15 14 13 12 11 10 09 08	AUG AUG AUG AUG AUG AUG AUG	2015 2015 2015 2015 2015 2015 2015 2015	1383 1273 1183 1105 1057 994 959	MON SUN SAT FRI THU WED TUE	2572 2000 1937 1570 1602 1316 1186
16AUG15 16AUG15 16AUG15 16AUG15 16AUG15	-2 -3 -4 -5 -6 -7	Days Days Days Days Days Days	= = = = = =	16 15 14 13 12 11 10 09 08	AUG AUG AUG AUG AUG AUG AUG	2015 2015 2015 2015 2015 2015 2015 2015	1383 1273 1183 1105 1057 994 959 927	MON SUN SAT FRI THU WED TUE MON	2572 2000 1937 1570 1602 1316 1186 1035
16AUG15 16AUG15 16AUG15 16AUG15 16AUG15	-2 -3 -4 -5 -6 -7 -8	Days Days Days Days Days Days Days Days	= = = = = = =	16 15 14 13 12 11 10 09 08 07	AUG	2015 2015 2015 2015 2015 2015 2015 2015	1383 1273 1183 1105 1057 994 959 927 899	MON SUN SAT FRI THU WED TUE MON SUN	2572 2000 1937 1570 1602 1316 1186 1035 1080
16AUG15 16AUG15 16AUG15 16AUG15 16AUG15 16AUG15 16AUG15 16AUG15	-2 -3 -4 -5 -6 -7 -8 -9 -10	Days Days Days Days Days Days Days Days	= = = = = = = = =	16 15 14 13 12 11 10 09 08 07 06 05	AUG	2015 2015 2015 2015 2015 2015 2015 2015	1383 1273 1183 1105 1057 994 959 927 899 868	MON SUN SAT FRI THU WED TUE MON SUN SAT	2572 2000 1937 1570 1602 1316 1186 1035 1080 1094 1094 988
16AUG15 16AUG15 16AUG15 16AUG15 16AUG15 16AUG15 16AUG15	-2 -3 -4 -5 -6 -7 -8 -9 -10	Days Days Days Days Days Days Days Days	= = = = = = = = =	16 15 14 13 12 11 10 09 08 07 06 05	AUG	2015 2015 2015 2015 2015 2015 2015 2015	1383 1273 1183 1105 1057 994 959 927 899 868 845	MON SUN SAT FRI THU WED TUE MON SUN SAT FRI	2572 2000 1937 1570 1602 1316 1186 1035 1080 1094

_ 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)
16	AUG	2015	0	1	-118	1162	1605	-NR-
15	AUG	2015	0	1	-313	516	722	3884
14	AUG	2015	0	1	-110	172	296	-NR-
13	AUG	2015	0	3	-209	170	307	1302
12	AUG	2015	0	2	-310	170	301	1599
11	AUG	2015	0	1	-77	196	405	1171
10	AUG	2015	4	-NA-	-56	286	362	2287
09	AUG	2015	144	-NA-	172	0	13	1275

07 06 05 04	AUG AUG AUG AUG	2015 2015 2015 2015 2015	135 51 103 220 0	-NA- 82 296 282 2	189 113 489 348 -39	0 0 0 177 271	11 20 96 478 605	1189 1546 2069 2205 3105
03	AUG	2015	0	2	-144	267	599	3075
	DATE	(S-310 Discharge (ALL DAY) (AC-FT)	S-351 Discharge (ALL DAY) (AC-FT)	S-352 Discharge (ALL DAY) (AC-FT)	S-354 Discharge (ALL DAY) (AC-FT)	L8 Canal Pt Discharge (ALL DAY) (AC-FT)	
16		2015	-404	0	0	0	-134	
		2015	-236	0	0	0	-117	
		2015	-304	0	0	0	84	
		2015	188	589	-NR-	0	225	
		2015	117	242	0	460	229	
11	AUG	2015	183	0	0	254	182	
10	AUG	2015	213	0	0	625	154	
09	AUG	2015	297	0	0	0	45	
80	AUG	2015	200	0	0	0	-85	
07	AUG	2015	110	0	543	0	-244	
06	AUG	2015	125	0	543	0	-373	
05	AUG	2015	59	0	559	0	-474	
		2015	-114	0	654	0	-566	
03	AUG	2015	-277	0	3	0	-419	
			S-308	Below S-308	3 S-80			
		Γ	Discharge	Discharge	Discharge	<u>.</u>		
			ALL DAY)	(ALL-DAY)	(ALL-DAY)			
	DATE		(AC-FT)	(AC-FT)	(AC-FT)			
16	AUG	2015	-2	23	25			
		2015	-2	42	11			
14	AUG	2015	-2	-231	18			
13	AUG	2015	-3	39	15			
12	AUG	2015	-3	22	22			
11	AUG	2015	-2	-72	15			
10	AUG	2015	-2	96	11			
09	AUG	2015	-5	225	11			
80	AUG	2015	-3	-128	19			
		2015	-6	-212	38			
		2015	-5	-31	19			
05	AUG	2015	-3	-92	34			
04	AUG	2015	-3	159	34			

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

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Gate Discharges from 0700 hrs to 2100 hrs.

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

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03 AUG 2015 -2

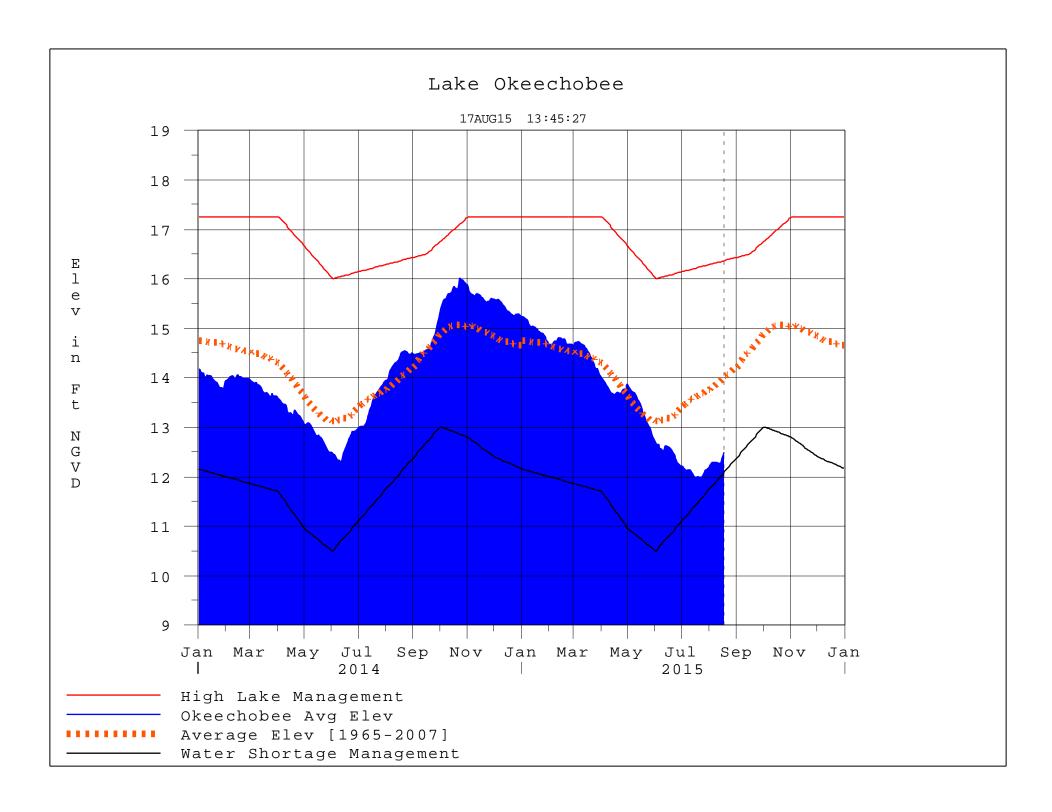
* On 11 May 1999, Lake Okeechobee Elevation was switched from Instantaneous 2400 value to an average-daily lake average.

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 17AUG2015 @ 14:39 ** 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