Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 1/4/2016 (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 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*}		SFWMD Empirical Method ²		Neutr	ampling of al ENSO ears ³	Sub-sampling of AMO Warm + Neutral ENSO Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Jan- Jun)	N/A	N/A	0.59	Dry	1.48	Normal	2.07	Very Wet
Multi Seasonal (Jan-Oct)	N/A	N/A	2.77	Wet	3.50	Wet	5.33	Very Wet

^{*}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:

2005 cfs 14-day running average for Lake Okeechobee Net Inflow through 1/4/2016. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

-0.40 for Palmer Index on 1/3/2016.

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 1/4/2016

Lake Okeechobee Stage: 14.71 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 Manag	amant Dand	17.05	
High Lake Manage	ement Band	17.25	
	High sub-band	16.87	
Operational Band	Intermediate sub-band	16.23	
	Low sub-band	13.98	← 14.71
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	12.14	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to Maximum Releases to the WCAs if Desirable or with Minimum Everglades Impacts

Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: S-79 up to 3000 cfs and S-80 up to 1170 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

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LORS2008 Implementation on 1/4/2016 (ENSO El Nino Condition):

Water Supply Department Technical Input

Water Supply Outlook:

District wide, Raindar rainfall 0.46 inches for the week ending 1/4/2016. Lake stage on 1/4/2016 is 14.71 ft, down 0.09 ft from last week.

The updated January 2016 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 Operational Sub-Band.

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

Water Supply Risk Evaluation

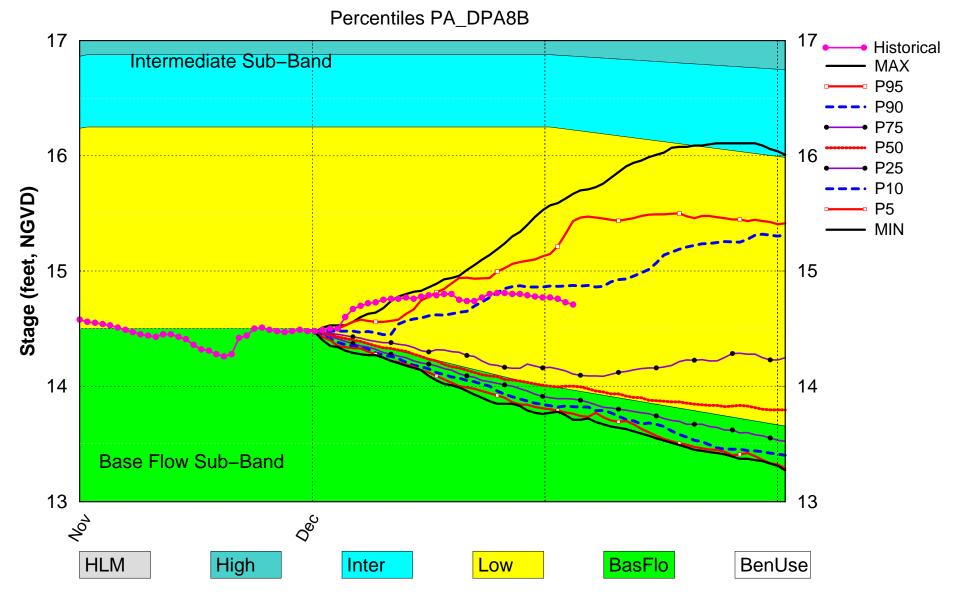
Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Low Flow Sub-Band	М
	Palmer Index for LOK Tributary Conditions	-0.40 (Normal)	L
LOK	CDC Draginitation Outland	1 month: Above Normal	П
LOK	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Forecast AMO warm/El Nino	1.48 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Forecast		_
	AMO warm/El Nino	3.50 ft (Wet)	L
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (17.12 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line1 (12.34 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.52 ft)	٦
	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 forecasts use slightly different classification intervals than those used by the 2008-LORS for classifying the tributary hydrologic condition (THC).

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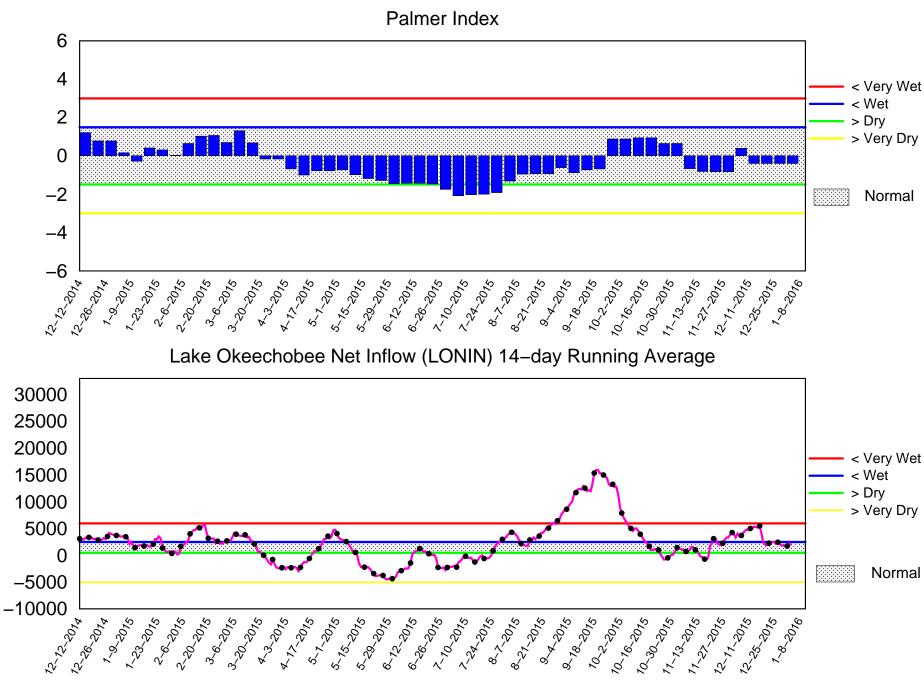
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Lake Okeechobee SFWMM Dec 2015 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of January 4 2016

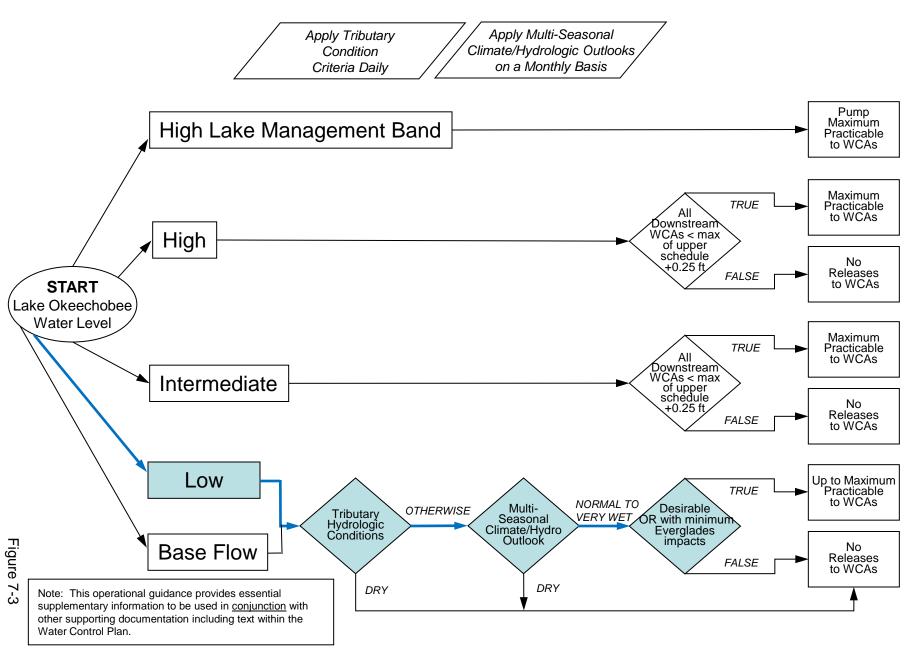


Mon Jan 4 17:42:07 2016

Flow (cfs)

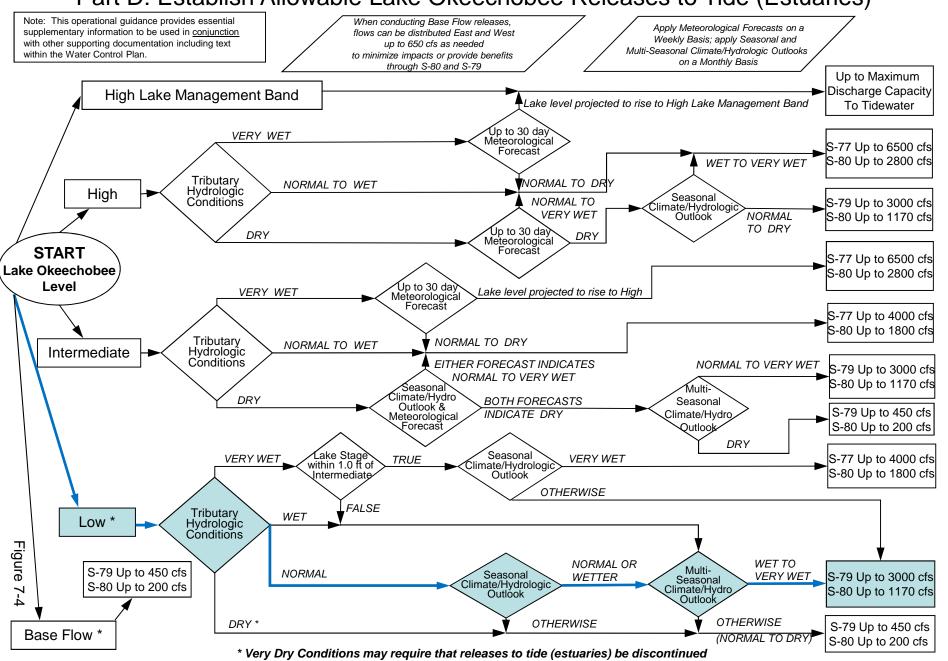
2008 LORS

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



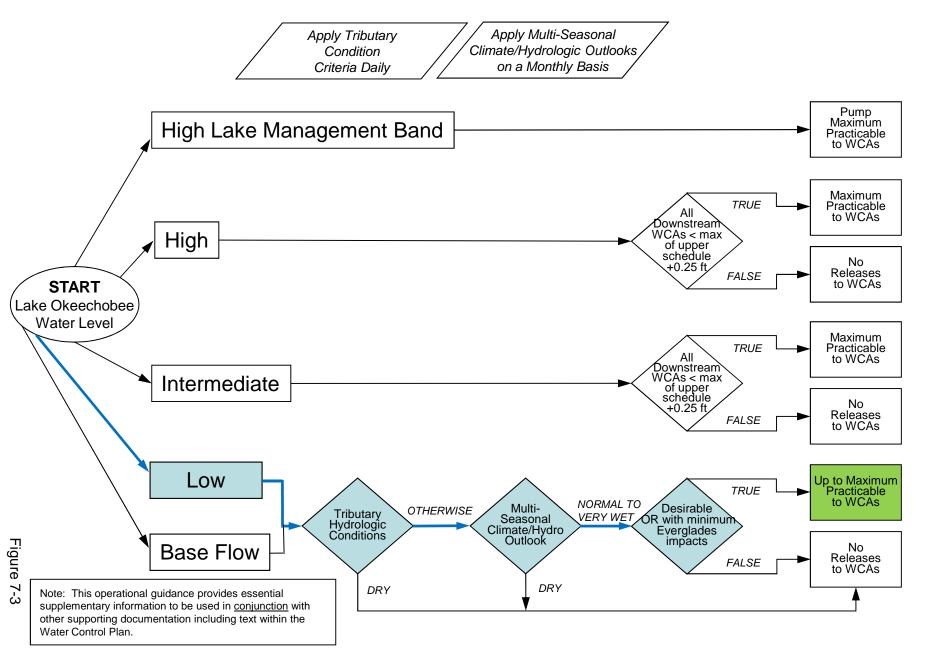
2008 LORS

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



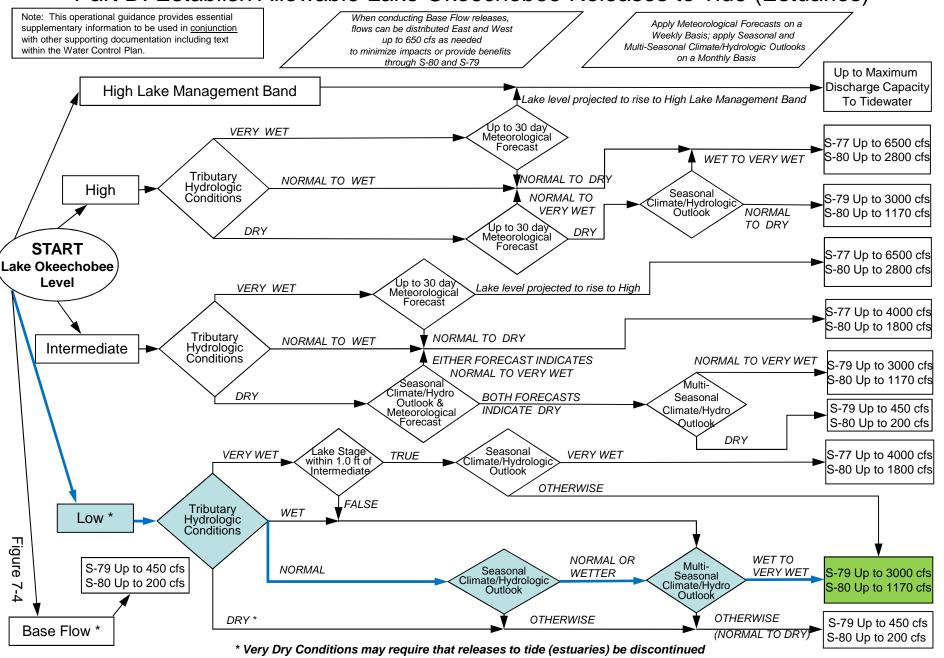
2008 LORS FORECAST

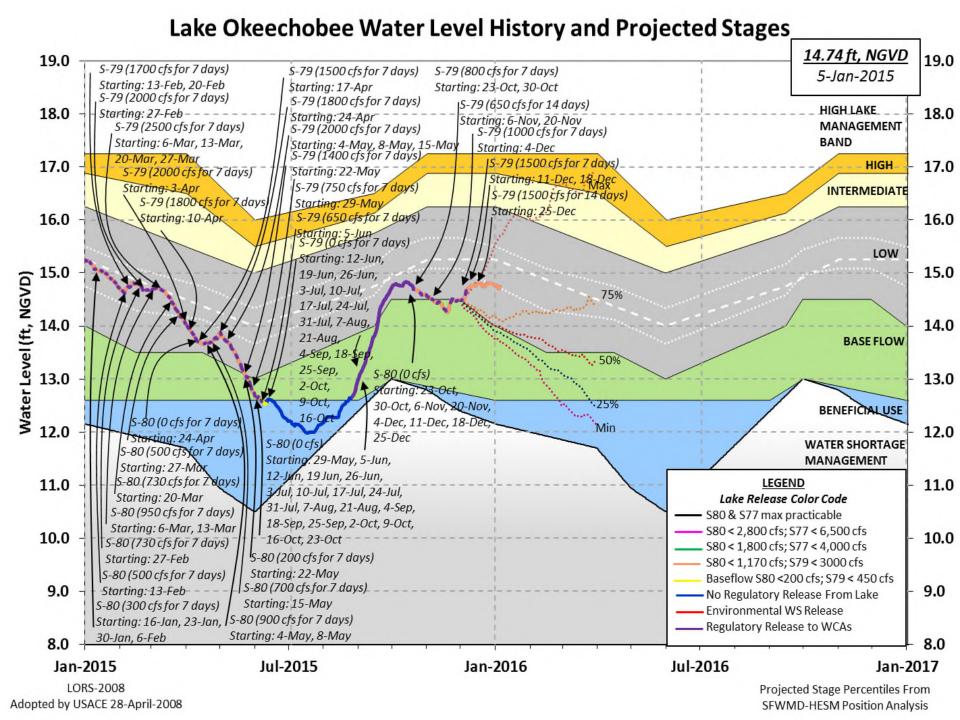
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



2008 LORS FORECAST

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





Data Ending 2400 hours 03 JAN 2016

Okeechobee Lake	Regulation	Elevati	on Last Y	Year 2YRS Ago	
		(ft-NGV		GVD) (ft-NGVD)	
*Okeechobee L	ake Elevati	on 14.7		21 14.11 (0:	fficial Elv
				Short Mngmt= 12	
Currently in				5	
Simulated Ave					
Difference fr	om Average :	LORS2008	1.09		
03JAN (1965-2	007) Period	of Record Av	zerace 14	1.74	
Difference fr			-0.		
		3 -			
	eechobee el	evation is de	etermined fr	om the 4 Int &	4 Edge
stations					
++Navigation	Depth (Base	d on 2007 Cha	nnel Condit	zion Survey) Ro	ute 1 ÷
8.65'	Depen (Dabe.	a 011 2007 C110		cion barvey, no	400 1 .
++Navigation	Depth (Base	d on 2008 Cha	nnel Condit	ion Survey) Ro	ute 2 ÷
5.85'					
Bridge Cleara	nce = 48.97	ı			
_					
- 4 Interior and	4 Edge Okee	chobee Lake A	verage (Avg	r-Daily values)	:
- 4 Interior and	4 Edge Okee	chobee Lake A	average (Avg	g-Daily values)	:
L001 L005	L006 LZ4		average (Avg 852 S308	g-Daily values)	:
L001 L005	L006 LZ4		352 S308	<u>-</u>	:
L001 L005	L006 LZ4	0 S4 S3	352 S308	S133	:
L001 L005 14.40 14.72	L006 LZ4 14.87 -NI	0 S4 S3 R- 14.92 14	352 S308 1.99 14.68	S133 3 14.39	:
L001 L005	L006 LZ4 14.87 -NI	0 S4 S3 R- 14.92 14	352 S308 1.99 14.68	\$133 3 14.39	:
L001 L005 14.40 14.72	L006 LZ4 14.87 -NI	0 S4 S3 R- 14.92 14	352 S308 1.99 14.68	S133 3 14.39	:
L001 L005 14.40 14.72	L006 LZ4 14.87 -NI	0 S4 S3 R- 14.92 14	352 S308 1.99 14.68	\$133 3 14.39	:
L001 L005 14.40 14.72 *Combination O	L006 LZ4 14.87 -NI keechobee	0 S4 S3 R- 14.92 14	352 S308 1.99 14.68	\$133 3 14.39	:
L001 L005 14.40 14.72 *Combination O	L006 LZ4 14.87 -NI keechobee	0 S4 S3 R- 14.92 14 Avg-Daily Lak	352 S308 1.99 14.68 te Average =	S133 3 14.39 = 14.71 (*See Note)	
L001 L005 14.40 14.72 *Combination O	L006 LZ4 14.87 -N keechobee 2 ows (cfs): 468	0 S4 S3 R- 14.92 14 Avg-Daily Lak	352 S308 1.99 14.68 te Average =	S133 3 14.39 = 14.71 (*See Note)	r 53
L001 L005 14.40 14.72 *Combination O	L006 LZ4 14.87 -N keechobee ows (cfs): 468 1	0 S4 S3 R- 14.92 14 Avg-Daily Lak C5 S191	352 S308 1.99 14.68 te Average = -NR- 0	S133 3 14.39 = 14.71 (*See Note) Fisheating C: S135 Pumps	r 53 124
L001 L005 14.40 14.72 *Combination O	L006 LZ4 14.87 -NI keechobee ows (cfs): 468 1 0	0 S4 S3 R- 14.92 14 Avg-Daily Lak C5 S191 S133 Pumps	352 S308 4.99 14.68 te Average = -NR- 0 122	S133 3 14.39 4 .71 (*See Note) Fisheating C: S135 Pumps S2 Pumps	r 53 124 0
L001 L005 14.40 14.72 *Combination Office Chobee Infl S65E S154 S84 S84X	D006 LZ4 14.87 -Ni keechobee ows (cfs): 468 1 0 596	0 S4 S3 R- 14.92 14 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps	-NR- 0 122 92	S133 3 14.39 = 14.71 (*See Note) Fisheating C: S135 Pumps S2 Pumps S3 Pumps	r 53 124 0
L001 L005 14.40 14.72 *Combination Office Chobee Infl S65E S154 S84 S84X S71	D006 LZ4 14.87 -Ni keechobee ows (cfs): 468 1 0 596 118	0 S4 S3 R- 14.92 14 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps	-NR- 0 122 92 56	S133 3 14.39 4 .71 (*See Note) Fisheating C: S135 Pumps S2 Pumps	r 53 124 0
L001 L005 14.40 14.72 *Combination Office Chobee Infl S65E S154 S84 S84X	D006 LZ4 14.87 -Ni keechobee ows (cfs): 468 1 0 596	0 S4 S3 R- 14.92 14 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps	-NR- 0 122 92	S133 3 14.39 = 14.71 (*See Note) Fisheating C: S135 Pumps S2 Pumps S3 Pumps	r 53 124 0
*Combination Of the Combination	L006 LZ4 14.87 -NI keechobee 2 0ws (cfs): 468 1 0 596 118 0 1669	0 S4 S3 R- 14.92 14 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps	-NR- 0 122 92 56	S133 3 14.39 = 14.71 (*See Note) Fisheating C: S135 Pumps S2 Pumps S3 Pumps	r 53 124 0
L001 L005 14.40 14.72 *Combination O Cheechobee Infl S65E S154 S84 S84X S71 S72 Total Inflows: Cheechobee Outf	L006 LZ4 14.87 -NI keechobee ows (cfs): 468 1 0 596 118 0 1669 lows (cfs):	O S4 S3 R- 14.92 14 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	-NR- 0 122 92 56 39	S133 3 14.39 14.71 (*See Note) Fisheating C: S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	r 53 124 0 0
L001 L005 14.40 14.72 *Combination O Combination	L006 LZ4 14.87 -NI keechobee ows (cfs): 468 1 0 596 118 0 1669 lows (cfs):	0 S4 S3 R- 14.92 14 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps	-NR- 0 122 92 56	S133 3 14.39 = 14.71 (*See Note) Fisheating C: S135 Pumps S2 Pumps S3 Pumps	r 53 124 0
L001 L005 14.40 14.72 *Combination O Combination	L006 LZ4 14.87 -NI keechobee ows (cfs): 468 1 0 596 118 0 1669 lows (cfs): 0	0 S4 S3 R- 14.92 14 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	-NR- 0 122 92 56 39	S133 3 14.39 14.71 (*See Note) Fisheating C: S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	r 53 124 0 0 0
L001 L005 14.40 14.72 *Combination O Combination	L006 LZ4 14.87 -NI keechobee ows (cfs): 468 1 0 596 118 0 1669 lows (cfs): 0	O S4 S3 R- 14.92 14 Avg-Daily Lak C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	-NR- 0 122 92 56 39	S133 3 14.39 14.71 (*See Note) Fisheating C: S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	r 53 124 0 0

S129 Culverts	0	S352	0	S308	0					
(Used) S131 Culverts USED)	0	L8 Canal Pt	215	S308Below	-15 (NOT					
Total Outflows:	1525									
****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 0.07 S308 0.50 Average Pan Evap x 0.75 Pan Coefficient = 0.21" = 0.02'										
Lake Average Precip	pitation	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 -4235 cfs or -8400 AC-FT										

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

	Headwater	Tailwater				Gat	e Pos	sition	ıs	
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6 #7	
#8	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft) (ft)	
(ft)		(I) see n	ote at	bott	com				
North East Sh	nore	•	,							
S133 Pumps S193:	: 13.38	14.49	122	0	24	24	37	36	(cfs)	
S191:	18 85	14.67	0	0.0	0 0	0.0				
S135 Pumps		-NR-			37		25		(cfs)	
S135 Culve			0	-NR-					(/	
North West Sh	nore									
	21.13	14.59	468	0 0	0 1	0.5	0.5	0.0	0 0	
S127 Pumps			92	36		0				
S127 Culve		1110	-NR-		31	Ü	23	Ü	(010)	
S129 Pumps	: 12 88	14.67	56	0	31	25			(cfs)	
S129 Culve		11.07	0	0.0	31	23			(CLS)	
S131 Pumps	12 83	14.63	39	12	37				(cfs)	
S131 Culve		11.05	0	12	37				(CLS)	
Eighooties	Crools									
Fisheating nr Palmda nr Lakepo	ale	30.03	53							

C5:		-NR-	-NR-	-NRI	NRN	IR-				
South Shore										
S4 Pumps:	11.59	15.03	0	0	0	0			(cfs	;)
S169:	14.95	11.60	0	0.0	0.0	0.0				
s310:	14.83		15							
S3 Pumps:	10.40	15.20	0	0	0	0			(cfs	3)
S354:	15.20	10.40	0	0.0	0.0					
S2 Pumps:	10.39	15.19	0	0	0	0	0		(cfs	;)
S351:	15.19	10.39	0	0.0	0.0	0.0				
S352:	14.92	9.97	0	0.0	0.0					
C10A:	-NR-	14.10		0.0	8.5	8.	5 8	.5	8.5	
L8 Canal P	Γ	13.88	215							
	S351	and S35	2 Tempor	ary Pu	mps/S3	54 Sp	illwa	У		
S351:	10.39	15.19	0	-NRI				NR-		
S352:	9.97	14.92		-NRI						
S354:	10.40	15.20	0	-NRI	NRNR	NR-				
Caloosahatche	ee River (S	77. S78.	S79)							
S47B:	13.09	11.21	- ,	0.0	0.0					
S47D:	11.23	11.23	-37	5.0						
S77:	==.=5		3 ,	2.0						
	and Sector	Flow:								
Spill.	14.58	11.30	1306	0.5	0.0	2.5	1.0			
Flow Due	to Lockage		3	0.0		2.0				
S77 Below T	JSGS Flow G	age	1248							
-50										
S78:		_								
Spillway	and Sector									
_	11.09	2.90	1254	1.0	1.0	1.0	1.0			
Flow Due	to Lockage	s+:	11							
S79:										
	and Sector	Flow:								
phiirmay	3.02	1.82	2230	1 0	1.0	1 0	1.0	1.0	1.0	1.0
0.0	J. UZ	⊥.∪∠	2230	1.0	1.0	±. 0	1.0	1. 0	1.0	1.0
	to Lockage	g+:	6							
	of flow fro		59%							
Chloride	OF TIOM ITO	(ppm)	55							
CIIIOI Ide		(PPIII)	55							
St. Lucie Car	nal (S308,	S80)								
S308:										
Spillway	and Sector		_	_						
	14.71	14.53	0	0.0	0.0	0.0	0.0			
Flow Due	to Lockage	s+:	0							
S308 Below	USGS Flow	Gage	-15							
S153:	18.84	14.36	55	0 0	0.0					
S80:	10.01	11.00	33	0.0	0.0					
	and Sector	Flow:								
~F ±±± "«Y	14.57	0.78	50	0.0	0 - 0	0.3	0.0	0.0	0.0	0.0
	± 1. J /	0.70	50	0.0	0.0	0.5	0.0	0.0	5.0	0.0

Flow Due to Lockages+: 23
Percent of flow from S308 0%

Steele Point Top Salinity (mg/ml) ****
Steele Point Bottom Salinity (mg/ml) ****

Speedy Point Top Salinity (mg/ml) ****
Speedy Point Bottom Salinity (mg/ml) ****

+ Flow Due to lockages is computed utilizing average daily headwater and tailwater along with total number of lockages for the day to calculate a volume which is then converted to an average discharge in cfs.

_				Wi	nd
- Daily Precipitation Totals Speed	1-Day	3-Day	7-Day	Directio	n
speed	(inches	s) (inches)	(inches)	(Dega)	
(mph)	(11101101	o, (inches)	(IIICIICD)	(Dege)	
	0.35	0.35	0.54		
S193:			0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-	0.00	0.00		
S135 Pump Station:	0.53	0.53	0.53		
S127 Pump Station:	0.45	0.45	0.45		
S129 Pump Station:	0.45	0.45	0.46		
S131 Pump Station:	0.44	0.44	0.44		
S77:	0.85	0.85	0.85	42	2
S78:	3676.46	8624.36	*****	304	1
S79:	0.67	0.67	0.68	6	2
S4 Pump Station:	-NR-	0.00	0.00		
Clewiston Field Station:	-NR-	0.00	0.00		
S3 Pump Station:	0.92	0.94	0.95		
S2 Pump Station:					
S308:	*****	*****	*****	329	0
S80:		0.29		6	5
Okeechobee Average	3275.17	6704.12	*****		
(Sites S78, S79 and	S80 not	included)			
Oke Nexrad Basin Avg	-NR-	0.02	0.02		

Okeechobee La	ake Elev	ations	03	JAN	2016	14.71 Difference	from
03JAN16							
03JAN16 -	-1 Day	=	02	JAN	2016	14.73	0.02
03JAN16 -	-2 Days	=	01	JAN	2016	14.76	0.05
03JAN16 -	-3 Days	=	31	DEC	2015	14.77	0.06
03JAN16 -	-4 Days	=	30	DEC	2015	14.77	0.06
03JAN16 -	-5 Days	=	29	DEC	2015	14.78	0.07
03JAN16 -	-6 Days	=	28	DEC	2015	14.79	0.08
03JAN16 -	-7 Days	=	27	DEC	2015	14.80	0.09
03JAN16 -3	30 Days	=	04	DEC	2015	14.60	-0.11
03JAN16 -	-1 Year	=	03	JAN	2015	15.21	0.50
03JAN16 -	-2 Year	=	03	JAN	2014	14.11	-0.60

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

			-	Tako ()koo	ghoboo	Not Infl	ow (LONIN)	
		7					previous		Avg-Daily Flow
03JAN16		roday				2016	1046	MON	-2714
03JAN16		Day				2016	1224	SUN	-3887
03JAN16		Days				2016	857	SAT	-63
03JAN16		Days				2015	919	FRI	1776
03JAN16		Days				2015	1002	THU	-208
03JAN16		Days				2015	1047	WED	-148
03JAN16		Days				2015	1243	TUE	-802
03JAN16		Days				2015	1686	MON	2078
03JAN16		Days				2015	1498	SUN	-338
03JAN16		Days				2015	1788	SAT	919
03JAN16		_				2015	1855	FRI	2444
03JAN16						2015	1853	THU	6627
03JAN16						2015	1694	WED	7188
03JAN16		_				2015	1319	TUE	1770
					Se	55E			
			Ave	erage	Flov	v over			
03JAN16		Todor					previous	14 days	Avg-Daily Flow
03JAN16		Today	<i>y</i> =	_	JAN	2016	538	14 days MON	Avg-Daily Flow 468
	-1	Day		03			_	_	
03JAN16		_	=	03 02	JAN	2016	538	MON	468
03JAN16 03JAN16	-2	Day	=	03 02 01 31	JAN JAN DEC	2016 2016 2016 2015	538 554	MON SUN	468 495
	-2 -3 -4	Day Days Days Days	= = =	03 02 01 31	JAN JAN DEC	2016 2016 2016	538 554 570	MON SUN SAT	468 495 474
03JAN16	-2 -3 -4	Day Days Days	= = =	03 02 01 31 30	JAN JAN DEC DEC	2016 2016 2016 2015	538 554 570 589	MON SUN SAT FRI	468 495 474 428
03JAN16 03JAN16 03JAN16 03JAN16	-2 -3 -4 -5	Day Days Days Days	= = = =	03 02 01 31 30 29 28	JAN JAN DEC DEC DEC DEC	2016 2016 2016 2015 2015 2015 2015	538 554 570 589 612	MON SUN SAT FRI THU	468 495 474 428 651 415 488
03JAN16 03JAN16 03JAN16	-2 -3 -4 -5 -6 -7	Day Days Days Days Days Days	= = = = = =	03 02 01 31 30 29 28	JAN JAN DEC DEC DEC DEC	2016 2016 2016 2015 2015 2015	538 554 570 589 612 628	MON SUN SAT FRI THU WED	468 495 474 428 651 415
03JAN16 03JAN16 03JAN16 03JAN16	-2 -3 -4 -5 -6 -7	Days Days Days Days Days Days Days Days	= = = = = = =	03 02 01 31 30 29 28 27 26	JAN JAN DEC DEC DEC DEC DEC DEC	2016 2016 2016 2015 2015 2015 2015 2015 2015	538 554 570 589 612 628 642 661 701	MON SUN SAT FRI THU WED TUE	468 495 474 428 651 415 488 386 729
03JAN16 03JAN16 03JAN16 03JAN16 03JAN16 03JAN16	-2 -3 -4 -5 -6 -7 -8	Days Days Days Days Days Days Days Days	= = = = = = =	03 02 01 31 30 29 28 27 26 25	JAN JAN DEC DEC DEC DEC DEC DEC DEC	2016 2016 2016 2015 2015 2015 2015 2015 2015 2015	538 554 570 589 612 628 642 661 701 717	MON SUN SAT FRI THU WED TUE MON SUN SAT	468 495 474 428 651 415 488 386 729 545
03JAN16 03JAN16 03JAN16 03JAN16 03JAN16 03JAN16 03JAN16	-2 -3 -4 -5 -6 -7 -8 -9	Days Days Days Days Days Days Days Days	= = = = = = = = =	03 02 01 31 30 29 28 27 26 25 24	JAN JAN DEC DEC DEC DEC DEC DEC DEC DEC	2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	538 554 570 589 612 628 642 661 701 717	MON SUN SAT FRI THU WED TUE MON SUN	468 495 474 428 651 415 488 386 729 545
03JAN16 03JAN16 03JAN16 03JAN16 03JAN16 03JAN16 03JAN16 03JAN16	-2 -3 -4 -5 -6 -7 -8 -9 -10	Days Days Days Days Days Days Days Days	= = = = = = = = = = = = = = = = = = =	03 02 01 31 30 29 28 27 26 25 24	JAN JAN DEC DEC DEC DEC DEC DEC DEC DEC DEC	2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	538 554 570 589 612 628 642 661 701 717 741 767	MON SUN SAT FRI THU WED TUE MON SUN SAT FRI THU	468 495 474 428 651 415 488 386 729 545 711 678
03JAN16 03JAN16 03JAN16 03JAN16 03JAN16 03JAN16 03JAN16	-2 -3 -4 -5 -6 -7 -8 -9 -10 -11	Days Days Days Days Days Days Days Days	= = = = = = = = = = = = = = = = = = =	03 02 01 31 30 29 28 27 26 25 24 23 22	JAN JAN DEC	2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	538 554 570 589 612 628 642 661 701 717	MON SUN SAT FRI THU WED TUE MON SUN SAT FRI	468 495 474 428 651 415 488 386 729 545

_ 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	C	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
03	JAN	2016	5 1088	2596	2474	1435	2508	4434
02	JAN	2016	5 2669	4152	4265	1547	2643	5000
01	JAN	2016	5 1529	-NA-	2325	1357	2058	3234
31	DEC	201	5 1379	-NA-	1893	757	1298	1294
30	DEC	2015	5 1378	-NA-	1715	738	1289	2010
29	DEC	2015	5 991	-NA-	1336	801	1516	2144
28	DEC	2015	5 1008	-NA-	2002	1319	2581	2898
27	DEC	201	5 2131	3727	3818	1590	3645	4750

25 24 23 22	DEC DEC DEC	2015 2015 2015 2015 2015 2015	2070 1060 93 127 182 1491	3237 1427 205 325 -NA- -NA-	3196 1464 377 423 1198 2760	2049 1092 294 298 295 868	3261 1713 652 670 954 2610	4735 3409 1035 1329 2183 3303
03 02 01 31 30 29 28 27 26 25 24 23	DATE JAN JAN DEC	2016 2016 2016 2015 2015 2015 2015 2015 2015 2015 2015	S-310 Discharge (ALL DAY) (AC-FT) 30 29 7 -0 69 59 67 39 77 9 22 45	S-351 Discharge (ALL DAY) (AC-FT) 0 127 666 527 867 1025 2 0 0	S-352 Discharge (ALL DAY) (AC-FT) 0 79 198 8 123 315 0 0 0	S-354 Discharge (ALL DAY) (AC-FT) 0 117 214 228 208 468 0 0 0	L8 Canal Pt Discharge (ALL DAY) (AC-FT) 427 424 441 431 438 438 408 400 401 400 345 222	3303
		2015 2015	117 109	0 0	0 0	0 0	281 250	
			S-308 Discharge (ALL DAY)	Below S-308 Discharge (ALL-DAY)	Discharge (ALL-DAY)			
	DATE		(AC-FT)	(AC-FT)	(AC-FT)			
		2016 2016	1 2	-31 77	144 297			
		2016	1	-119	44			
		2015	1	-61	147			
		2015	2	-72	305			
		2015	2	-94	68			
28	DEC	2015	2	-23	51			
27	DEC	2015	2	121	657			
26	DEC	2015	0	215	663			
25	DEC	2015	0	-41	29			
24	DEC	2015	1	-55	40			
23	DEC	2015	1	-40	23			
00	556	0015	4	2.5	4.0			

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

Gate Discharges from 0700 hrs to 2100 hrs.

2) Discharge (ALL DAY) is computed using Spillway, Sector Gate

48

37

and Lockages Discharges from 0015 hrs to 2400 hrs.

-35

342

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3

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22 DEC 2015

21 DEC 2015

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

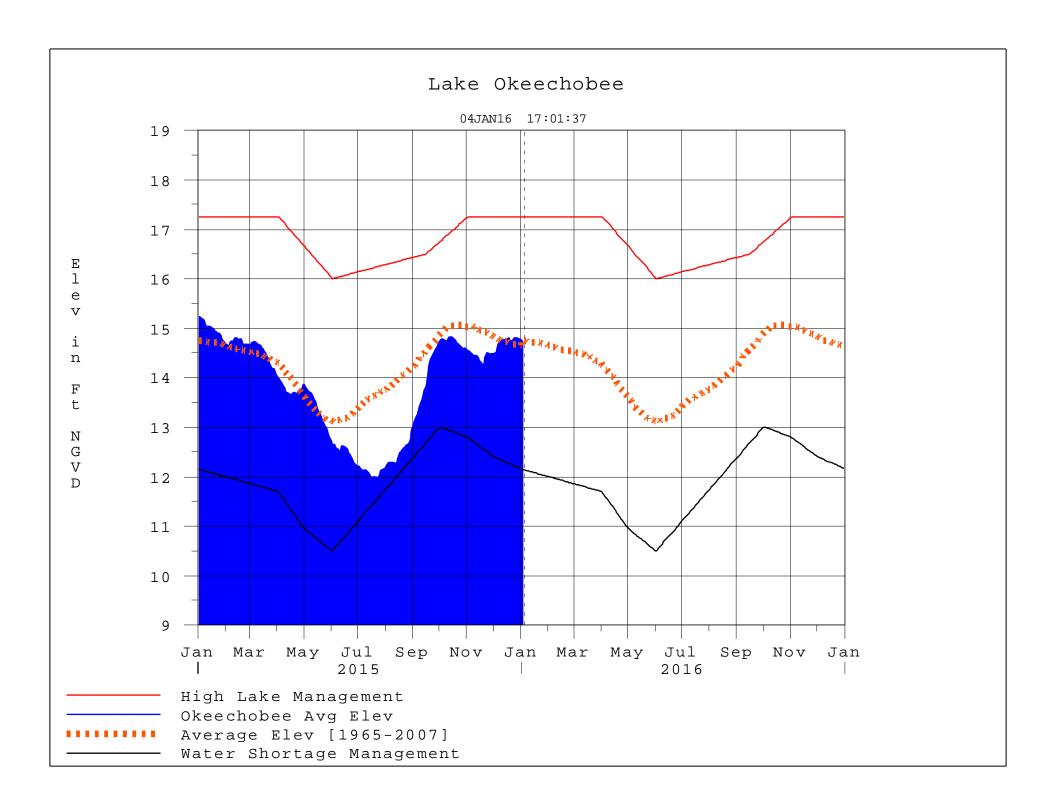
* On 11 May 1999, Lake Okeechobee Elevation was switched from Instantaneous 2400 value to an average-daily lake average.

On 14 Mar 2001, due to the isolation of various gages within the standard

- 10 stations, the average of the interior 4 station gages was used as the Lake Okeechobee Elevation.
- On 05 November 2010, Lake Okeechobee Elevation was switched to a 9 gage mix of interior and edge gages to obtain a more reliable representation of the lake level.
- On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of 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 04JAN2016 @ 16:53 ** 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