# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 08/03/2020 (ENSO Neutral Condition)

### Lake Okeechobee Net Inflow Outlook:

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method<sup>1</sup>, the SFWMD empirical method<sup>2</sup>, a sub-sampling of Neutral years<sup>3</sup> and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with La Nina ENSO years<sup>4</sup>. The results for Croley's method and the SFWMD empirical method are based on the <u>CPC Outlook.</u>

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	Ci Me	roley's ethod <sup>1*</sup>	SF En Mo	WMD Npirical ethod <sup>2</sup>	Sub-sa Neuti Y	ampling of ral ENSO rears <sup>3</sup>	Sub-sampling of AMO Warm + Neutral ENSO Years <sup>4</sup>	
	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>
Current (Aug- Jan)	N/A	N/A	1.99	Wet	2.02	Very Wet	3.31	Very Wet
Multi Seasonal (Aug- Apr)	N/A N/A		2.36	Normal	2.01	Normal	3.38	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.

\*\*Sub-sampling is a weighted average of ENSO conditions based on the ENSO forecast used.

### Tributary Hydrologic Conditions Graph:

**8456 cfs** 14-day running average for Lake Okeechobee Net Inflow through 08/03/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

-2.15 for Palmer Drought Index on 08/01/2020.

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

The wetter of the two conditions above is Very Wet.

### LORS2008 Classification Tables:

#### Lake Okeechobee Stage on 08/03/2020:

Lake Okeechobee Stage: 13.30 feet

Lake Okeechob	ee Management	Bottom Elevation	Current Lake
Zone/	Band	(feet, NGVD)	Stage
High Lake Manage	ement Band	16.29	
Operational Band	High sub-band	15.87	
	Intermediate sub-band	15.44	
	Low sub-band	13.59	
Base Flow sub-ba	nd	12.60	← 13.30 ft
Beneficial Use sub	o-band	11.78	
Water Shortage N	lanagement Band		

#### Part C of LORS2008: Discharge to WCAs

Up to Maximum Practicable to the WCAs if desirable or with minimum Everglades impact; otherwise no releases to WCAs.

#### Part D of LORS2008: Discharge to Tide

Up to 450 cfs at S-79 and up to 200 cfs at S-80.

### Adaptive Protocol's Release Guidance: Caloosahatchee Estuary

The SFWMD's Lake Okeechobee Adaptive Protocol's Release Guidance suggests no S-77 release to the Caloosahatchee Estuary unless the Governing Board recommends otherwise.

#### LORS2008 Implementation on 08/03/2020 (ENSO Neutral Condition):

#### Status for week ending 8/3/2020:

#### Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
LOK	Projected LOK Stage for the next two months	Base Flow sub band (July 2020 PA)	М
	Palmer Index for LOK Tributary Conditions	-2.15 (Extremely Dry)	н
	CPC Precipitation Outlook	1 month: Above Normal	L
	CFC Frecipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook	2.02 ft	
	ENSO Forecast (positive)	Normal to Extremely Wet	
	LOK Multi-Seasonal Net Inflow Outlook	2.01 ft	М
	ENSO Forecast (positive)	Normal	IVI
	WCA 1: 3 Station Average (Site 1-7, 1-8T and 1-9)	Above Line 1 (16.46 ft)	L
WCAs	WCA 2A: Site 2-17	Above Line 1 (12.16 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.62 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.

# Lake Okeechobee SFWMM July 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

Tue Aug 4 07:27:33 EDT 2020

# Tributary Basin Condition Indicators as of August 3 2020

Palmer Index



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)





<sup>1</sup>The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands.

<sup>2</sup>Estuary "needs" water when the 30-day moving average salinity at I-75 bridge is projected to exceed 5 practical salinity units (psu) within 2 weeks. <sup>3</sup>LOWSM = Lake Okeechobee Water Shortage Management.

<sup>4</sup>Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

<sup>5</sup>Can release less than the "up to" limit if lower release is sufficient to reach or sustain desired estuary salinity; cfs = cubic feet per second. <sup>6</sup>After reviewing conditions in Water Conservation Areas (WCAs), Stormwater Treatment Areas (STAs), ENP, St. Lucie Estuary and Lake Okeechobee. <sup>7</sup>Should this condition be reached, the Governing Board will be briefed at their next regularly scheduled meeting as part of the State of the Water Besources agenda item



#### Lake Okeechobee Water Level History and Projected Stages

U. S. Army Corps of Engineers, Jacksonville District Lake Okeechobee and Vicinity Report \*\* Preliminary Data - Subject to Revision \*\*

Data Ending 2400 hours 02 AUG 2020

Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) 14.38 (Official Elv) \*Okeechobee Lake Elevation 13.30 11.80 Bottom of High Lake Mngmt= 16.29 Top of Water Short Mngmt= 11.78 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 12.73 Difference from Average LORS2008 0.57 02AUG (1965-2007) Period of Record Average 13.79 Difference from POR Average -0.49 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 7.24' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 5.44' Bridge Clearance = 50.55' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S308 S133 S352 13.03 13.28 13.45 13.32 13.55 13.59 13.23 12.90 \*Combination Okeechobee Avg-Daily Lake Average = 13.30 (\*See Note) Okeechobee Inflows (cfs): S65E 3528 S65EX1 1794 Fisheating Cr 81 S154 26 S191 76 S135 Pumps 63 S84 1591 S133 Pumps 34 S2 Pumps 0 S84X 466 S127 Pumps 18 S3 Pumps 0 S4 Pumps S71 197 S129 Pumps 18 0 100 S131 Pumps 11 0 S72 C5 Total Inflows: 8002 Okeechobee Outflows (cfs): S135 Culverts S354 0 S77 0 0 S127 Culverts 0 S351 0 S308 0 S129 Culverts S352 0 0 S131 Culverts 0 L8 Canal Pt -238 -238 Total Outflows: \*\*\*\*S77 structure flow is being used to compute Total Outflow. \*\*\*\*\$308 structure flow is being used to compute Total Outflow. Okeechobee Pan Evaporation (inches): S77 0.00 S308 -NR-Average Pan Evap x 0.75 Pan Coefficient = -NR-" = -NR-'

Lake Average Precipitation using NEXRAD: = -NR-" = -NR-'

Evaporation - Precipitation:	=	-NR-'' = -NR-	1
Evaporation - Precipitation using Lake	Area	of 730 square	miles
is equal to -NR-			
Lake Okeechobee (Change in Storage) Flow	w is	-2118 cfs or	-4200 AC-FT

	Headwater	Tailwater				- Gat	-e Poo	sitio	ns		
	Flevation	Flevation	Disch	#1	#2	#२	μΔ	#5	#6	#7	#8
	$(f+_mc1)$	$(f+_mc1)$	(cfc)	π⊥ (f+)	π∠ (f+)	π_) (++)	π4 (f+)	ر <del>س</del> ار (++)	π0 (f+)	π/ (f+)	π0 (f+)
	(IC-MSI)	(10-051)	(UTS) T) coo ~	(IL)	(1) bo++	(11)	(10)	(10)	(11)	(11)	(11)
North Fast S	hore	(-	L) See I	iote at	DOLL	OIII					
S133 Dumps	· 13.26	13 13	3/	Q	Q	a	Q	_NR _	(cf	- )	
5103 Fullips	. 13.20	13.13	54	0	0	0	0	- 1111 -	(CI.	>)	
5195.	10 00	12 17	76	0 E	00	0 E					
S125 Dumpe	10.00	12 27	62	0.5	0.0		ND		(cf	- )	
SISS Pullips	. 13.31	13.27	05	0 1	0 0	- NR -	- NR -		(CI)	5)	
SISS CUIVE	115.		U	0.1	0.0						
North West S	hore										
S65E:	20.96	13.20	3528	1.5	1.5	1.5	1.5	1.5	1.0		
S65EX1:	20.96	13.20	1794								
S127 Pumps	: 13.26	13.16	18	0	0	13	0	0	(cf	s)	
S127 Culve	rt:		0	0.0					<b>、</b> -		
			-								
S129 Pumps	: 12.77	13.24	18	0	19	0			(cf	s)	
S129 Culve	rt:		0	0.0					•	,	
S131 Pumps	: 12.77	13.14	11	13	0				(cf	s)	
S131 Culve	rt:		0						•		
Fisheating	Creek										
nr Palmd	ale	30.44	81								
nr Lakep	ort										
C5:		-NR-	0	-NR	NR	NF	۲-				
South Shore											
S4 Pumps:	11.25	13.29	0	0	0	0			(cf:	s)	
S169:	13.36	11.28	0	0.0	0.0	0.0					
S310:	13.21		-8								
S3 Pumps:	9.92	13.41	0	0	0	0			(cf	s)	
S354:	13.41	9.92	0	0.0	0.0						
S2 Pumps:	10.20	- NR -	0	0	0	0	0		(cf:	s)	
S351:	- NR -	10.20	0	0.0	0.0	0.0					
S352:	13.57	9.46	0	0.0	0.0						
C10A:	- NR -	14.01		8.0	8.0	8.	.0 6	9.0	0.0		
L8 Canal P	Т	13.82	-238								
		1			100						
	\$35	1 and \$352	Iempora	ary Pum	ips/S3	54 Sp	DITTMS	ау			
S351:	10.20	- NR -	0	-NR N	RNR	NR -	NR	-NR-			
S352:	9.46	13.57	0	-NR N	RNR	NR-	-				
S354:	9.92	13.41	0	-NR N	RNR	NR -					
Caloosahatch	ee River (	S77, S78. S	579)								
S47B:	13.28	11.19	- /	0.0	0.0						
S47D:	11.22	11.22	20	4.6							
- •											

S77: Spillway and Sector Preferred Flow: 12.92 11.08 0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 0 \$78: Spillway and Sector Flow: 150 0.5 0.0 0.0 0.0 11.11 2.85 Flow Due to Lockages+: 4 S79: Spillway and Sector Flow: 699 0.0 0.0 0.0 2.0 0.0 0.0 0.0 0.0 3.07 0.65 Flow Due to Lockages+: 5 Percent of flow from S77 0% Chloride (ppm) 0 St. Lucie Canal (S308, S80) S308: Spillway and Sector Preferred Flow: 13.42 12.95 0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 0 S153: 18.78 12.79 16 0.0 0.0 S80: Spillway and Sector Flow: 13.13 373 0.0 0.5 0.0 0.0 0.5 0.0 0.0 2.13 Flow Due to Lockages+: -NR-Percent of flow from S308 0% Steele Point Top Salinity (mg/ml) - N Steele Point Bottom Salinity (mg/ml) - N Speedy Point Top Salinity (mg/ml) 9957 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.
 ++ Preferred flow is determined from either the spillway discharge or the below flow meter daily

				Wi	nd
Daily Precipitation Totals	1-Day	3-Day	7-Day	Directio	n Speed
-	(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:	37.50	37.73	37.86	284	5
S78:	22.53	22.60	23.24	317	3
S79:	-0.54	-1.18	-0.86	272	2
S4 Pump Station:	- NR -	0.00	0.00		
Clewiston Field Station:	- NR -	0.00	0.00		
S3 Pump Station:	- NR -	0.00	0.00		
S2 Pump Station:	- NR -	0.00	0.00		
S308:	0.85	1.69	3.81	306	14
S80:	47.07	47.63	48.43	245	7
Okeechobee Average	19.17	3.03	3.21		

0ke	Nexrad	Basin Avg	- NR -	0.44	1.54	

Okeechobee Lake Elevations	02 AUG 2020	13.30 Differ	ence from 02AUG20
02AUG20 -1 Day =	01 AUG 2020	13.31	0.01
02AUG20 -2 Days =	31 JUL 2020	13.25	-0.05
02AUG20 -3 Days =	30 JUL 2020	13.21	-0.09
02AUG20 -4 Days =	29 JUL 2020	13.17	-0.13
02AUG20 -5 Days =	28 JUL 2020	13.11	-0.19
02AUG20 -6 Days =	27 JUL 2020	13.01	-0.29
02AUG20 -7 Days =	26 JUL 2020	12.93	-0.37
02AUG20 -30 Days =	03 JUL 2020	12.25	-1.05
02AUG20 -1 Year =	02 AUG 2019	11.80	-1.50
02AUG20 -2 Year =	02 AUG 2018	14.38	1.08

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

				La	ake (	Dkeed	chobee	Net	Inflo	ow (LONIN	۷)		
			Aver	age	Flow	v ove	er the	prev	ious	14 days		Avg-Daily	Flow
02AUG20	-	Today	=		02	AUG	2020		8898	MON		-2118	
02AUG20	-1	Day	=		01	AUG	2020		9468	SUN		12705	
02AUG20	-2	Days	=		31	JUL	2020		8849	SAT		8470	
02AUG20	-3	Days	=		30	JUL	2020		8674	FRI		8470	
02AUG20	-4	Days	=		29	JUL	2020		8781	THU		12705	
02AUG20	-5	Days	=		28	JUL	2020		8170	WED		21175	
02AUG20	-6	Days	=		27	JUL	2020		6803	TUE		15919	
02AUG20	-7	Days	=		26	JUL	2020		6087	MON		4032	
02AUG20	-8	Days	=		25	JUL	2020		6238	SUN		3959	
02AUG20	-9	Days	=		24	JUL	2020		6684	SAT		7740	
02AUG20	-10	Days	=		23	JUL	2020		6018	FRI		7737	
02AUG20	-11	Days	=		22	JUL	2020		5645	THU		7944	
02AUG20	-12	Days	=		21	JUL	2020		6082	WED		4012	
02AUG20	-13	Days	=		20	JUL	2020		6241	TUE		11819	

S65E											
			Average	Flow	ı over	previous	14 days	Avg-Daily Flow			
02AUG20	Т	oday=	02	AUG	2020	3449	MON	3833			
02AUG20	-1 D	ay =	01	AUG	2020	3320	SUN	3814			
02AUG20	-2 D	ays =	31	JUL	2020	3186	SAT	4045			
02AUG20	-3 D	ays =	30	JUL	2020	3022	FRI	4206			
02AUG20	-4 D	ays =	29	JUL	2020	2843	THU	4194			
02AUG20	-5 D	ays =	28	JUL	2020	2668	WED	4197			
02AUG20	-6 D	ays =	27	JUL	2020	2458	TUE	4154			
02AUG20	-7 D	ays =	26	JUL	2020	2275	MON	3796			
02AUG20	-8 D	ays =	25	JUL	2020	2110	SUN	3207			
02AUG20	-9 D	ays =	24	JUL	2020	1982	SAT	2993			
02AUG20	-10 D	ays =	23	JUL	2020	1868	FRI	2565			
02AUG20	-11 D	ays =	22	JUL	2020	1776	THU	2562			
02AUG20	-12 D	ays =	21	JUL	2020	1683	WED	2436			
02AUG20	-13 D	ays =	20	JUL	2020	1588	TUE	2281			
			A	50			14 days	Ave Daily Flow			
02411020	т	aday.	Average	L TOM	1 over	previous	14 uays	AVG-DAILY FIOW			
02AUG20	1 5	ouay=	02	AUG	2020	1418		1 1794			
02AUG20	-1 D	ay =	01	AUG	2020	1351	SUN	1 1/64			
02AUG20	-2 D	ays =	31	JUL	2020	1283	SAT	1/55			

02AUG20	-3	Days	=	30 JUI	2020	1210	FRI	1751
02AUG20	-4	Days	=	29 JUI	2020	1140	THU	1656
02AUG20	-5	Days	=	28 JUI	2020	1065	WED	1711
02AUG20	-6	Days	=	27 JUI	2020	1001	TUE	1599
02AUG20	-7	Days	=	26 JUL	2020	921	MON	1600
02AUG20	-8	Days	=	25 JUI	2020	834	SUN	1444
02AUG20	-9	Days	=	24 JUI	2020	762	SAT	1381
02AUG20	-10	Days	=	23 JUL	2020	694	FRI	1172
02AUG20	-11	Days	=	22 JUI	2020	643	THU	745
02AUG20	-12	Days	=	21 JUL	2020	621	WED	722
02AUG20	-13	Days	=	20 JUL	2020	606	TUE	761

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	Ξ	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
02	AUG	2020	0	-245	304	1381	
01	AUG	2020	8	183	1162	2873	
31	JUL	2020	6	592	1584	2426	
30	JUL	2020	2	516	1550	4972	
29	JUL	2020	4	853	1615	3371	
28	JUL	2020	9 4	891	1976	5331	
27	JUL	2020	107	887	1526	3316	
26	JUL	2020	158	876	1475	3959	
25	JUL	2020	155	960	1451	3618	
24	JUL	2020	157	963	1471	3784	
23	JUL	2020	151	766	1710	4316	
22	JUL	2020	147	614	824	1336	
21	301	2020	160	691	776	1817	
20		2020	145	749	1020	1701	
	502	2020	115	, 15	1020	1,01	
			S-310	S-351	S-352	S-354	L8 Canal Pt
			Discharge	Discharge	Discharge	Discharge	Discharge
			(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
	DATE	-	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
02	AUG	2020	) -15 <sup>´</sup>	Ì Ó	Ì 0 Í	<b>`</b> 0́	-472
01	AUG	2020	-5	0	0	0	-798
31	JUL	2020	-112	0	0	0	-1074
30	JUL	2020	-187	0	0	0	-1112
29	JUL	2020	-143	0	0	0	-1106
28	JUL	2020	104	0	0	0	-571
27	JUL	2020	20	0	0	0	-94
26	JUL	2020	273	0	0	0	43
25	JUL	2020	374	0	0	0	-123
24	JUL	2020	220	0	0	0	-510
23	JUL	2020	203	0	0	0	-223
22	JUL	2020	206	0	0 0 0		111
21	JUL	2020	320	0	0	0	-64
20	JUL	2020	301	0	0	0	-120
			S-308	Below S-308	3 S-80		
			Discharge	Discharge	Discharge	2	
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)	)	
	DATE	Ξ	(AC-FT)	(AC-FT)	(AC-FT)		
02	AUG	2020	0	37	- NR -		
01	AUG	2020	-1	14	640		
31	JUL	2020	2799	-225	128		
30	JUL	2020	4603	-507	37		
29	JUL	2020	4940	-745	33		
28	JUL	2020	4163	-1060	36		

27	JUL	2020	3828	-590	14
26	JUL	2020	3230	-402	21
25	JUL	2020	3834	-333	21
24	JUL	2020	4354	-436	28
23	JUL	2020	4558	-563	31
22	JUL	2020	3434	-321	7
21	JUL	2020	-NR-	-499	14
20	JUL	2020	- NR -	-316	34

<sup>\*\*\*</sup> NOTE: Discharge (ALL DAY) is computed using Spillway, Sector Gate and Lockages Discharges from 0015 hrs to 2400 hrs.

(I) - Flows preceeded 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.
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 03AUG2020 @ 08:07 \*\* Preliminary Data - Subject to Revision \*\*

Lake Okeechobee



# **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

<u>6-15 Day Precipitation Outlook Categories</u>

Table ?? in the Lake Okeechobee Water Control Plan

<u>Classification of Lake Okeechobee Net Inflow for Seasonal</u>

<u>Outlook</u>

 Table K-3 in the Lake Okeechobee Water Control Plan

<u>Classification of Lake Okeechobee Net Inflow for Multi-</u>

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	
		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 Net Inflow	
[million acre-feet]	[feet]		
[]	[]	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