# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 3/11/2019 (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	Cı Me	roley's ethod <sup>1*</sup>	SF En M	FWMD npirical ethod <sup>2</sup>	Sub-sa Neuti Y	ampling of ral ENSO rears <sup>3</sup>	Sub-sampling of AMO Warm + Neutral ENSO Years⁴		
	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	
Current (Mar- Aug)	N/A	N/A	1.58	Wet	1.29	Normal	2.07	Very Wet	
Multi Seasonal (Mar- Oct)	N/A	N/A	2.98	Wet	2.73	Wet	4.14	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:

**-827 cfs** 14-day running average for Lake Okeechobee Net Inflow through 3/11/2019. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

**-0.50** for Palmer Index on 3/9/2019.

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 3/11/2019

Lake Okeechobee Stage: 12.47 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob Zone/	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	17.25	
Operational Band	High sub-band	16.59	
	Intermediate sub-band	15.68	
	Low sub-band	13.50	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band		← 12.47
Water Shortage M	lanagement Band	11.81	

#### Part C of LORS2008: Discharge to WCA's

Lake Okeechobee stage is within the Beneficial Use Sub-band therefore, no releases to the WCAs to manage lake stages

### Part D of LORS2008: Discharge to Tidewater

Lake Okeechobee stage is within the Beneficial Use Sub-band therefore, no releases to the St. Lucie or Caloosahatchee Estuaries to manage lake stages.

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

Release Guidance Flow Chart Outcome: No releases.

Back to Lake Okeechobee Operations Main Page

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

### LORS2008 Implementation on 03/11/2019 (ENSO Neutral Condition):

#### Status for week ending 03/11/2019:

District wide, Raindar rainfall was 0.03 inches for the week. Lake stage on 02/11/2019 was 12.47ft, NGVD, down 0.27 ft from last week .The updated March 2019 SFWMM Dynamic Position Analysis percentile graph for Lake Okeechobee show that the current lake stage is in the Base Flow Sub-band. The LORS2008 Tributary Hydrologic Condition (THC) is classified as **Normal.** The PDSI indicates normal conditions and the LONIN is dry. The THC classification is based on the wetter of the two indices

#### Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Beneficial Use Sub Band	Н
LOK	Palmer Index for LOK Tributary Conditions	-0.50 (Normal)	L
	CPC Presipitation Outlook	1 month: Normal	L
	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.58 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	2.98 ft (Wet)	L
	ENSO Forecast (positive)		
	WCA 1: Site 1-7, Site 1-8T, & Site 1- 9 Average	Above Line 1 (16.48 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.10 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.58 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 Mar 2019 Position Analysis



(See assumptions on the Position Analysis Results website)

Mon Mar 11 15:04:10 EDT 2019

### Tributary Basin Condition Indicators as of March 11 2019

Palmer Index



Mon Mar 11 15:03:26 EDT 2019

## 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 Resources agenda item.



### Lake Okeechobee Water Level History and Projected Stages

Adopted by USACE 28-April-2008

SFWMD-HESM Position Analysis

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

Data Ending 2400 hours 10 MAR 2019

Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) 13.15 (Official Elv) \*Okeechobee Lake Elevation 12.47 14.49 Bottom of High Lake Mngmt= 17.25 Top of Water Short Mngmt= 11.81 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] - NR -Difference from Average LORS2008 -NR-10MAR (1965-2007) Period of Record Average 14.49 Difference from POR Average -2.02 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 6.41' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 4.61' Bridge Clearance = 51.25' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 12.48 12.57 12.45 12.46 12.45 - NR -12.41 12.44 \*Combination Okeechobee Avg-Daily Lake Average = 12.47 (\*See Note) Okeechobee Inflows (cfs): S65E 346 S65EX1 18 Fisheating Cr 18 S154 0 S191 0 S135 Pumps 0 S84 0 S133 Pumps 0 S2 Pumps 0 S84X 0 S127 Pumps 0 S3 Pumps 0 S71 0 S129 Pumps 0 S4 Pumps 0 0 S131 Pumps 0 C5 0 S72 Total Inflows: 382 Okeechobee Outflows (cfs): 1749 601 S135 Culverts S354 S77 0 S127 Culverts 0 S351 958 S308 1014 S129 Culverts 0 S352 899 L8 Canal Pt S131 Culverts 0 97 Total Outflows: 5319 \*\*\*\*S77 structure flow is being used to compute Total Outflow. \*\*\*\*S308 structure flow is being used to compute Total Outflow. Okeechobee Pan Evaporation (inches): S77 0.21 S308 0.24 Average Pan Evap x 0.75 Pan Coefficient = 0.17" = 0.01'

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

Evaporation - Precipitation:	=	-NR-" = -NR-'
Evaporation - Precipitation using Lake A	Area	of 730 square miles
is equal to -NR-		
Lake Okeechobee (Change in Storage) Flow	w is	-5899 cfs or -11700 AC-FT

	Headwater	Tailwater				- Gat	-e Pos	itio	ns		
	Flevation	Flevation	Disch	#1	#2	#3	#Δ	#5	#6	#7	#8
	$(ft_ms1)$	$(ft_ms1)$	(cfs)	(f+)	(f+)	(f+)	(f+)	(f+)	(f+)	(f+)	(f+)
	(10-1131)	(10-1131)	(CI3) T) see i	note at	· hott	(1C) 0m	(10)	(10)	(10)	(10)	(10)
North East S	hore	(.	1) 500 1		bott	Om					
S133 Pumps	· 13 03	12 43	a	Q	a	a	a	a	(cf	5)	
5193·	. 15.05	12.45	U	U	0	0	0	0	(01.	5)	
S191 ·	16 78	12 41	a	aa	aa	aa					
5135 Dumps	· 12 72	12.41	a a	0.0	0.0	0.0 A	Q		(cf	- )	
5135 Culvo	. 12.72 ntc·	12.50	0	a a	aa	0	0		(01)	5)	
JIJJ CUIVE			Ũ	0.0	0.0						
North West S	hore										
S65E:	21.20	12.22	346	0.3	0.3	0.3	0.0	0.0	0.0		
S65EX1:	21.20	12.22	18								
S127 Pumps	: 13.06	12.46	0	0	0	0	0	0	(cf	s)	
S127 Culve	rt:		0	0.0					•	,	
S129 Pumps	: 12.96	12.53	0	0	0	0			(cf	s)	
S129 Culve	rt:		0	0.0					•	,	
S131 Pumps	: 13.03	12.42	0	0	0				(cf	s)	
S131 Culve	rt:		0						•	,	
Fisheating	Creek										
nr Palmd	ale	28.80	18								
nr Lakep	ort										
C5:		-NR-	0	-NR	NR	NF	۲-				
South Shore	12 20	10 07	0	0	0	•			( - (	- >	
S4 Pumps:	12.39	12.37	0	0	0	0			(стя	5)	
5169:	12.41	12.40	80	4.9	4.9	4.9					
S310:	12.41	12 12	124	•	0	•			1.0	- >	
S3 Pumps:	11.5/	12.43	1740	6	6	0			(C+9	5)	
S354:	12.43	11.5/	1/49	5.2	5.4	•	0		1.0	- >	
SZ Pumps:	10.70	-NK-	0	1 7	1 0	1 0	0		(стя	5)	
5351:	- NR -	10.70	958	1./	1.8	1.9					
5352:		10.99	899	2.9	2.1	•			<u> </u>		
CIUA:	-NK- T	12.59	07	8.0	8.0	8.	.0 6	0.0	0.0		
L8 Canal P	1	12.40	97								
	\$35	1 and S352	Tempora	ary Pum	ips/S3	54 Sp	oillwa	ay			
\$351	10.70	- NR -	958	– NR – – N	IR – – NR	NR -	NR	-NR -			
\$352:	10.99	(11)	899	-NR N	IR – – NR	NR -					
S354:	11.57	12.43	1749	-NR N	IR NR	NR -					
Calaacabatab	oo Piyon /	<b>677 670</b>	(073								
	ее ктубі. (; 10 ле	ر//، ۲۵٫۵ ۱۵ ۵۰	5/3)	0 0	0 0						
5470.	12.15	11 00	Q	0.0	0.0						
5470.	72.10	TT.07	0	0.0							

S77: Spillway and Sector Preferred Flow: 12.20 11.00 598 0.0 0.0 3.5 0.5 Flow Due to Lockages+: 3 \$78: Spillway and Sector Flow: 1700 1.5 2.5 2.5 0.0 10.88 3.00 Flow Due to Lockages+: 15 S79: Spillway and Sector Flow: 2380 1.0 1.0 1.0 2.0 2.0 1.0 1.0 1.0 3.09 1.27 Flow Due to Lockages+: 7 Percent of flow from S77 25% Chloride (ppm) 64 St. Lucie Canal (S308, S80) S308: Spillway and Sector Preferred Flow: 12.38 12.25 1014 3.5 3.5 3.5 3.5 Flow Due to Lockages+: 0 S153: 18.75 12.03 0 0.0 0.0 S80: Spillway and Sector Flow: 11.60 779 0.0 2.1 0.0 0.0 2.5 0.0 0.0 1.03 Flow Due to Lockages+: 27 Percent of flow from S308 130% (mg/ml) \*\*\*\* Steele Point Top Salinity Steele Point Bottom Salinity (mg/ml) \*\*\*\* (mg/ml) \*\*\*\* Speedy Point Top Salinity 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:	0.00	0.00	0.00	145	2
S78:	0.00	0.00	0.00	17	1
S79:	0.00	0.00	0.00	270	0
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:	3.41	3.41	3.41	148	5
S80:	0.73	0.78	0.78	260	2
Okeechobee Average	1.71	0.26	0.26		

0ke	Nexrad	Basin Avg	- NR -	0.00	0.00

Okeechobee	Lake Elevation	s 10 MAR 2019	12.47 Differenc	e from 10MAR19
10MAR19	-1 Day =	09 MAR 2019	12.50	0.03
10MAR19	-2 Days =	08 MAR 2019	12.53	0.06
10MAR19	-3 Days =	07 MAR 2019	12.54	0.07
10MAR19	-4 Days =	06 MAR 2019	12.57	0.10
10MAR19	-5 Days =	05 MAR 2019	12.65	0.18
10MAR19	-6 Days =	04 MAR 2019	12.71	0.24
10MAR19	-7 Days =	03 MAR 2019	12.74	0.27
10MAR19	-30 Days =	08 FEB 2019	12.72	0.25
10MAR19	-1 Year =	10 MAR 2018	14.49	2.02
10MAR19	-2 Year =	10 MAR 2017	13.15	0.68

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 3.01

_											
					Lake	0kee	chobee	Net Inflo	ow (LONIN)		
				Aver	age Flo	w ove	er the	previous	14 days	Avg-Daily Fl	.ow
	10MAR19	-	Гoday	=	10	MAR	2019	-826	MON	-583	
	10MAR19	-1	Day	=	09	MAR	2019	-980	SUN	-1153	
	10MAR19	-2	Days	=	08	MAR	2019	-601	SAT	2671	
	10MAR19	-3	Days	=	07	MAR	2019	-712	FRI	-899	
	10MAR19	-4	Days	=	06	MAR	2019	-495	THU	-10518	
	10MAR19	-5	Days	=	05	MAR	2019	543	WED	-7346	
	10MAR19	-6	Days	=	04	MAR	2019	1288	TUE	-1593	
	10MAR19	-7	Days	=	03	MAR	2019	1646	MON	-18	
	10MAR19	-8	Days	=	02	MAR	2019	2011	SUN	3173	
	10MAR19	-9	Days	=	01	MAR	2019	2132	SAT	215	
	10MAR19	-10	Days	=	28	FEB	2019	2719	FRI	3657	
	10MAR19	-11	Days	=	27	FEB	2019	2647	THU	4270	
	10MAR19	-12	Days	=	26	FEB	2019	2512	WED	3012	
	10MAR19	-13	Days	=	25	FEB	2019	2553	TUE	-6452	

				Se	55E				
			Average	Flow	v over	previous	14 days		Avg-Daily Flow
10MAR19		Today=	10	MAR	2019	1025	MON		410
10MAR19	-1	Day =	09	MAR	2019	1096	SUN	1	414
10MAR19	-2	Days =	08	MAR	2019	1164	SAT	Ì	416
10MAR19	-3	Days =	07	MAR	2019	1233	FRI		367
10MAR19	-4	Days =	06	MAR	2019	1338	THU	Ì	1101
10MAR19	-5	Days =	05	MAR	2019	1423	WED	-È	1294
10MAR19	-6	Days =	04	MAR	2019	1491	TUE		1275
10MAR19	-7	Days =	03	MAR	2019	1559	MON		1276
10MAR19	-8	Days =	02	MAR	2019	1626	SUN		1275
10MAR19	-9	Days =	01	MAR	2019	1696	SAT		1274
10MAR19	-10	Days =	28	FEB	2019	1768	FRI		1283
10MAR19	-11	Days =	27	FEB	2019	1840	THU		1275
10MAR19	-12	Days =	26	FEB	2019	1894	WED		1288
10MAR19	-13	Days =	25	FEB	2019	1899	TUE		1408
CEEY1									
			Average	Flow	v over	previous	14 davs	Τ	Avg-Dailv Flow
10MAR19		Todav=	10	MAR	2019	704	MON	<b>'</b> 1	18
10MAR19	-1	Dav =	<u>-0</u> 09	MAR	2019	806	SUN	ł	300
10MAR19	-2	Davs =	08	MAR	2019	894	SAT	ł	545
	-								2.10

10MAR19	-3	Days	=	07	MAR	2019	974	FRI	534
10MAR19	-4	Days	=	06	MAR	2019	1040	THU	394
10MAR19	-5	Days	=	05	MAR	2019	1085	WED	279
10MAR19	-6	Days	=	04	MAR	2019	1150	TUE	558
10MAR19	-7	Days	=	03	MAR	2019	1189	MON	642
10MAR19	-8	Days	=	02	MAR	2019	1238	SUN	843
10MAR19	-9	Days	=	01	MAR	2019	1242	SAT	968
10MAR19	-10	Days	=	28	FEB	2019	1230	FRI	1114
10MAR19	-11	Days	=	27	FEB	2019	1181	THU	1243
10MAR19	-12	Days	=	26	FEB	2019	1135	WED	1244
10MAR19	-13	Days	=	25	FEB	2019	1119	TUE	1181

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	1	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
10	MAR	2019	1185	3615	3412	4731	
09	MAR	2019	1283	1971	2018	3261	
08	MAR	2019	1295	1123	1210	1510	
07	MAR	2019	2172	1972	1641	2287	
06	MAR	2019	2435	2057	2622	2901	
05	MAR	2019	1967	1724	2587	4151	
04	MAR	2019	2643	2715	2608	4472	
03	MAR	2019	2539	2570	3038	4897	
02	MAR	2019	1619	1523	2172	3718	
01	MAR	2019	360	429	1808	3690	
28	FEB	2019	6	79	2138	5641	
27	FEB	2019	536	1051	1524	3764	
26	FEB	2019	2558	2358	2344	3866	
25	FEB	2019	4191	4453	3471	5214	
			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	Ξ	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
10	MAR	2019	246	1900	1783	3554	192
09	MAR	2019	288	2031	1838	3379	211
08	MAR	2019	327	2261	1873	2814	237
07	MAR	2019	248	2262	1665	2550	213
06	MAR	2019	243	2183	1555	1400	264
05	MAR	2019	175	2173	1427	904	164
04	MAR	2019	146	1650	1401	912	48
03	MAR	2019	101	1368	1391	805	59
02	MAR	2019	68	1569	1445	736	41
01	MAR	2019	-2	1579	1412	393	-5
28	FEB	2019	105	1390	1336	184	13
27	FEB	2019	244	1270	1287	375	-9
26	FEB	2019	239	345	1283	113	57
25	FEB	2019	61	1312	1490	1116	64
			S-308	Below S-308	8 S-80		
			Discharge	Discharge	Discharge	2	
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)	)	
	DATE	=	(AC-FT)	(AC-FT)	(AC-FT)		
10	MAR	2019	2057	1928	1602		
09	MAR	2019	702	1167	1039		
08	MAR	2019	618	1033	838		
07	MAR	2019	717	1241	832		
06	MAR	2019	1794	1701	1060		
05	MAR	2019	1424	2466	1649		

04	MAR	2019	1666	2639	1705
03	MAR	2019	1483	2089	1615
02	MAR	2019	804	947	932
01	MAR	2019	476	255	498
28	FEB	2019	677	359	739
27	FEB	2019	860	1215	1008
26	FEB	2019	1564	2073	1411
25	FEB	2019	2175	2584	1661

<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 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 11MAR2019 @ 12:15 \*\* 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

<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	
[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