Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 10/19/2015 (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 <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	Croley's Method ^{1*}		SFWMD Empirical Method ²		Sub-sampling of ENSO El Nino Years ³		Sub-sampling of AMO Warm + ENSO El Nino Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft) Condition		Value (ft)	<u>Condition</u>	
Current (Oct- Mar)	N/A	N/A	1.37	Normal	1.84	Wet	2.44	Very Wet	
Multi Seasonal (Nov- Oct)	N/A	N/A	3.52	Wet	3.99	Wet	5.96	Very 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:

1692 cfs 14-day running average for Lake Okeechobee Net Inflow through 10/19/2015. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

0.95 for Palmer Index on 10/18/2015.

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 10/19/2015

Lake Okeechobee Stage: 14.74 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	17.03	
	High sub-band	16.66	
Operational Band	Intermediate sub-band	16.10	
	Low sub-band	14.50	← 14.74
Base Flow sub-ba	nd	12.93	
Beneficial Use sub	o-band	12.89	
Water Shortage M	anagement 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
- <u>Coastal Ecosystems</u>
- 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 10/19/2015 (ENSO Neutral Condition):

Water Supply Department Technical Input

Water Supply Outlook:

District wide, Raindar rainfall 0.36 inches for the week ending 10/20/2015. Lake stage on 10/29/2015 is 14.74 ft, down 0.08 ft from last week.

The updated October 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 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.

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	0.95 (Normal)	L
	CPC Presinitation Outlook	1 month: Above Normal	L
LOR	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Forecast AMO warm/El Nino	1.84 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Forecast AMO warm/El Nino	3.99 ft (Wet)	L
	WCA 1: Site 1-7,1-8T, & 1-9	(17.04 ft)	L
WCAs	WCA 2A: Site 2-17 HW	(12.85 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	(10.32 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

Water Supply Risk Evaluation

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).

Back to Lake Okeechobee Operations Main Page

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

Lake Okeechobee SFWMM Oct 2015 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

Tue Oct 20 08:51:25 EDT 2015

Tributary Basin Condition Indicators as of October 19 2015

Palmer Index



Tue Oct 20 10:42:24 2015

Flow (cfs)

2008 LORS

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



2008 LORS FORECAST

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 D: Establish Allowable Lake Okeechobee Releases to Tide (Estuaries) Note: This operational guidance provides essential When conducting Base Flow releases, Apply Meteorological Forecasts on a supplementary information to be used in conjunction flows can be distributed East and West Weekly Basis: apply Seasonal and with other supporting documentation including text up to 650 cfs as needed Multi-Seasonal Climate/Hydrologic Outlooks within the Water Control Plan. to minimize impacts or provide benefits on a Monthly Basis through S-80 and S-79 Up to Maximum **Discharge Capacity** High Lake Management Band Lake level projected to rise to High Lake Management Band To Tidewater Úp to 30 daγ VERY WET Meteorological S-77 Up to 6500 cfs Forecast S-80 Up to 2800 cfs WET TO VERY WET Tributary NORMAL TO DRY NORMAL TO WET Hydrologic High Seasonal Conditions NORMAL TO S-79 Up to 3000 cfs Climate/Hydrologic VERY WET NORMAL S-80 Up to 1170 cfs TO DRY Jp to 30 dav DRY DRY Meteorological START Forecast S-77 Up to 6500 cfs Lake Okeechobee S-80 Up to 2800 cfs Level Jp to 30 day VERY WET Lake level projected to rise to High Meteorological Forecast S-77 Up to 4000 cfs -80 Up to 1800 cfs Tributary NORMAL TO DRY NORMAL TO WET Intermediate Hydrologic Conditions EITHER FORECAST INDICATES NORMAL TO VERY WET S-79 Up to 3000 cfs NORMAL TO VERY WET S-80 Up to 1170 cfs Seasonal Multilimate/Hydro DRY **BOTH FORECASTS** Seasonal Outlook & S-79 Up to 450 cfs INDICATE DRY Climate/Hydro Meteorological S-80 Up to 200 cfs Forecast Outlook DRY Lake Stade Seasonal S-77 Up to 4000 cfs VERY WET VERY WET TRUE within 1.0 ft of Climate/Hydrologic S-80 Up to 1800 cfs Intermediate Outlook OTHERWISE FALSE Tributary WET Low Hydrologic Conditions Figure WFT TO NORMAL OR Multi-S-79 Up to 450 cfs NORMAL Seasonal S-79 Up to 3000 cfs WETTER VERY WET Seasonal Climate/Hydrologic S-80 Up to 200 cfs 7 Climate/Hydro S-80 Up to 1170 cfs Outlook Outlook OTHERWISE DRY **OTHERWISE** S-79 Up to 450 cfs **Base Flow**

* Very Dry Conditions may require that releases to tide (estuaries) be discontinued

(NORMAL TO DRY)

S-80 Up to 200 cfs

Lake Okeechobee Water Level History and Projected Stages



LORS-2008 Adopted by USACE 28-April-2008 Projected Stage Percentiles From 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 18 OCT 2015 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) *Okeechobee Lake Elevation 14.74 15.81 15.54 (Official Elv) Bottom of High Lake Mngmt= 17.03 Top of Water Short Mngmt= 12.89 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 13.99 Difference from Average LORS2008 0.75 180CT (1965-2007) Period of Record Average 15.05 Difference from POR Average -0.31 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 8.68' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 6.88' Bridge Clearance = 49.60' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 14.46 14.85 14.93 14.75 15.02 14.87 14.57 14.51 *Combination Okeechobee Avg-Daily Lake Average = 14.74 (*See Note) Okeechobee Inflows (cfs): S65E 2297 C5 0 Fisheating Cr 797 S154 13 S191 0 S135 Pumps 0 0 S84 0 S133 Pumps S2 Pumps 0 0 S84X 152 S127 Pumps S3 Pumps 0 178 0 0 S71 S129 Pumps S4 Pumps 0 S72 0 S131 Pumps Total Inflows: 3437 Okeechobee Outflows (cfs): S135 Culverts -NR- S354 0 S77 238 (Used) S127 Culverts 0 S351 581 S77Below 28 (NOT USED)

S129 Culverts 0 S352 877 S308 1 (Used) S131 Culverts 0 L8 Canal Pt 276 S308Below 55 (NOT USED) Total Outflows: 1973 ****S77 Structure outflow is being used to compute Total Outflow. ****S308 Structure outflow is being used to compute Total Outflow. Okeechobee Pan Evaporation (inches): S308 S77 0.24 0.30 Average Pan Evap x 0.75 Pan Coefficient = 0.20" = 0.02' Lake Average Precipitation 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 -6353 cfs or -12600 AC-FT

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

	Headwater	Tailwater				Gat	ce Pos	sitior	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)										
		(1) see n	ole al	L DOLL	_0111				
North East Si	lore								<i>,</i> -	
S133 Pumps S193:	: 13.70	14.58	0	0	0	0	0	0	(cis)
S191:	18.28	14.35	0	0.0	0.0	0.0				
S135 Pumps	:	-NR-	0	0	0	0	0		(cfs)
S135 Culve	rts:		-NR-	-NR-	-NR-					
North West Sl	nore									
S65E:	21.02	14.58	2297	0.7	1.0	0.9	1.2	0.8	0.8	
S127 Pumps	: 13.56	14.63	0	0	0	0	0	0	(cfs)
S127 Culve	rt:		0	0.0						
S129 Pumps	: 13.00	14.80	0	0	0	0			(cfs)
S129 Culver	rt:		0	0.1						
S131 Pumps	: 13.18	14.88	0	0	0				(cfs)
S131 Culver	rt:		0							
Fisheating	Creek									
nr Palmda	ale	32.53	797							
ш цакер										

C5:	15.06	14.93	0	0.0 0	0.0 0	.0				
South Shore										
S4 Pumps:	10.98	15.12	0	0	0	0			(cfs	;)
s169:	15.18	10.97	0	0.0	0.1	0.0				
S310:	15.16		13							
S3 Pumps:	10.86	15.12	0	0	0	0			(cfs	;)
S354:	15.12	10.86	0	0.0	0.0	-			(,
S2 Pumps:	10 83	14 95	0	0.0	0.0	0	0		(cfs	:)
C251 ·	1/ 95	10 82	5.91	06		0 7	0		(CIS	,
03EJ.	14.70	11 10	201	1 /	1 0	0.7				
0107.	14.72	14 66	0//	1.4	1.0 -	0	F 0		0 5	
CIUA:	-NK-	14.00	276	0.0	8.5	0 8.	5 8	.5	8.5	
Lo Canar F	1	11.1/	270							
	S35	1 and S35	52 Tempor	ary Pun	nps/S3	54 Sp	illwa	ıy		
S351:	10.83	14.95	581	-NRN	IRNF	NR-	-NR	NR-		
S352:	11.10	14.72	877	-NRN	IRNF	2NR-				
S354:	10.86	15.12	0	-NRN	IRNF	RNR-				
Caloosahatch	ee River (S77, S78,	S79)							
S47B:	13 02	10 84	0101	0 0	0 0					
S47D:	10 94	10 94	-0	5.0	0.0					
977.	10.91	10.91	0	5.0						
Suillway	and Sector	r Flow'								
Spiiiway	14 82	10 97	230	0 0	0 0	1 0	0 0			
Flow Due	to Lockar	10.J7	230	0.0	0.0	1.0	0.0			
FIOW Duc	co nockag		0							
S77 Below	USGS Flow (Gage	28							
S78:										
Spillway	and Sector	r Flow:								
	10.82	2.87	0	0.0	0.0	0.0	0.0			
Flow Due	to Lockag	es+:	14							
979:										
Spillwav	and Secto	r Flow:								
SPIII (101)	3.07	0.89	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.07	0.05	C C	0.0	0.0	0.0	0.0	0.0	0.0	
Flow Due	to Lockag	es+:	6							
Percent	of flow fr	om 877	NA %							
Chloride	01 1100 11	(mag)	55							
		(PPm)	55							
St. Lucie Ca	nal (S308,	S80)								
S308:										
Spillway	and Sector	r Flow:								
	14.43	13.90	0	0.0	0.0	0.0	0.0			
Flow Due	to Lockag	es+:	1							
S308 Below	USGS Flow	Gage	55							
S153:	18.75	13.74	55	0.0	0.0					
S80:	-		'							
Spillwav	and Sector	r Flow:								
± ···-1	-NR-	-NR-	-NR-	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Flow	Due to) Lockag	ges+:	-NR-	
Perce	ent of	flow fr	om S308	-NR-%	;
Steele	Point	Top Sal	inity	(mg/ml)	* * * *
Steele	Point	Bottom	Salinity	(mg/ml)	* * * *
Speedy	Point	Top Sal	inity	(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
opeca	(inches)	(inches)	(inches)	(Degø)	
(mph)	(,	(/	(,		
S133 Pump Station:	0.00	0.00	0.00		
s193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-	0.00	0.00		
S135 Pump Station:	0.19	0.19	0.19		
S127 Pump Station:	0.00	0.00	0.00		
S129 Pump Station:	0.00	0.00	0.02		
S131 Pump Station:	0.00	0.00	0.00		
S77:	0.00	0.00	0.00	81	4
S78:	0.00	0.03	0.03	29	3
S79:	0.00	0.00	0.00	117	5
S4 Pump Station:	-NR-	0.00	0.00		
Clewiston Field Station:	-NR-	0.00	0.00		
S3 Pump Station:	0.00	0.00	0.00		
S2 Pump Station:	0.00	0.00	0.00		
S308:	0.01	0.01	0.01	43	12
S80:	0.00	0.97	1.05	-NR-	-NR-
Okeechobee Average	0.02	0.02	0.02		
(Sites S78, S79 and	S80 not inc	luded)			
Oke Nexrad Basin Avg	-NR-	0.00	0.02		

- Okeechobee 180CT15	Lake	e Elev	vations	18	OCT	2015	14.74 Difference	from
180CT15	-1	Day	=	17	OCT	2015	14.77	0.03
180CT15	-2	Days	=	16	OCT	2015	14.78	0.04
180CT15	-3	Days	=	15	OCT	2015	14.80	0.06
180CT15	-4	Days	=	14	OCT	2015	14.82	0.08
180CT15	-5	Days	=	13	OCT	2015	14.82	0.08
180CT15	-б	Days	=	12	OCT	2015	14.83	0.09
180CT15	-7	Days	=	11	OCT	2015	14.82	0.08
180CT15	-30	Days	=	18	SEP	2015	14.22	-0.52
180CT15	-1	Year	=	18	OCT	2014	15.81	1.07
180CT15	-2	Year	=	18	OCT	2013	15.54	0.80

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = -NR-Lake Okeechobee Net Inflow (LONIN) Average Flow over the previous 14 days Avg-Daily Flow Today = 18 OCT 2015 -1 Day = 17 OCT 2015 180CT15 -958 MON -4388 180CT15 -1 Day = -588 SUN -176 16 OCT 2015 180CT15 -2 Days = -199 SAT -2089 180CT15 -3 Days = 15 OCT 2015 379 FRI -40483 3464 THU 3952 WED 180CT15 -4 Days = 14 OCT 2015 2251 180CT15-4Days=140CT2015180CT15-5Days=130CT2015180CT15-6Days=120CT2015180CT15-7Days=110CT2015180CT15-8Days=100CT2015180CT15-9Days=090CT2015180CT15-10Days=080CT2015180CT15-11Days=070CT2015180CT15-12Days=060CT2015180CT15-13Days=050CT2015 505 4550 TUE 4410 5003 MON 6214 5027 SUN 12623 4598 SAT 2803 5035 FRI 3113 5183 THU -1733 6005 WED 2826 6270 TUE 711

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	S65E		
	Average Flow over	previous 14 days	Avg-Daily Flow
180CT15 Today=	18 OCT 2015	2722 MON	2297
180CT15 -1 Day =	17 OCT 2015	2805 SUN	2203
180CT15 -2 Days =	16 OCT 2015	2914 SAT	2243
180CT15 -3 Days =	15 OCT 2015	3023 FRI	2435
180CT15 -4 Days =	14 OCT 2015	3137 THU	2560
180CT15 -5 Days =	13 OCT 2015	3272 WED	2579
180CT15 -6 Days =	12 OCT 2015	3415 TUE	2633
180CT15 -7 Days =	11 OCT 2015	3555 MON	2484
180CT15 -8 Days =	10 OCT 2015	3716 SUN	2983
180CT15 -9 Days =	09 OCT 2015	3859 SAT	2638
180CT15 -10 Days =	08 OCT 2015	4020 FRI	3146
180CT15 -11 Days =	07 OCT 2015	4166 THU	3252
180CT15 -12 Days =	06 OCT 2015	4332 WED	3315
180CT15 -13 Days =	05 OCT 2015	4536 TUE	3341

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	2	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
18	OCT	2015	271	-NA-	55	0	28	12
17	OCT	2015	273	-NA-	44	0	25	78
16	OCT	2015	277	-NA-	169	0	27	370
15	OCT	2015	258	-NA-	-72	0	18	272
14	OCT	2015	0	2	-192	0	18	429
13	OCT	2015	2	-NA-	-60	0	23	535
12	OCT	2015	37	-NA-	43	2	58	875
11	OCT	2015	0	11	-150	106	201	1512

10 09	OCT OCT	2015 2015	0 0	11 8	-157 -157	97 0	133 23	1143 1417
08	OCT	2015	0	8	-493	0	14	1166
07	OCT	2015	0		-194	90	162	1441
06	OCT OCT	2015	0	1	-94	159	212	2106
05	001	2015	0	4	- / 4	12	19	2300
		_	S-310	S-351	S-352	S-354	L8 Canal Pt	
		L	Discharge	Discharge	Discharge	Discharge	Discharge	
	חשעם	, (ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	
10	DATE	- 2015	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FI)	
17		2015	20 50	841	1739	155	561	
16		2015	33	1083	1690	268	552	
15	OCT	2015	105	-75600	1598	662	586	
14	OCT	2015	-4	896	1573	1168	570	
13	OCT	2015	-NR-	1184	1596	1507	584	
12	OCT	2015	-NR-	940	1537	1303	603	
11	OCT	2015	-NR-	704	1525	938	558	
10	OCT	2015	-NR-	918	1452	1134	532	
09	OCT	2015	-NR-	2161	1346	1519	531	
08	OCT	2015	12	2459	1533	1676	506	
07	OCT	2015	3	1674	1529	1291	469	
06	OCT	2015	22	1680	1580	1894	449	
05	OCT	2015	14	1951	1489	1713	456	
		-	S-308	Below S-308	3 S-80			
		L	Discharge	Discharge	Discharg	e		
		, (ALL DAY)	(ALL-DAY)	(ALL-DAY)		
10	DATE	201E	$(AC-F^{T})$	$(AC - F^{T})$	(AC-FT)			
17		2015	∠ 0.0	246	-NR-			
16		2015	100	105	5Z 40			
15		2015	199 760	195 740	42			
14		2015	-NA-	42	40			
13		2015	$-N\Delta -$	76	24			
12	OCT	2015	1	-59	210			
11	OCT	2015	3	-25	322			
10	OCT	2015	2	-214	487			
09	OCT	2015	1	-148	989			
08	OCT	2015	2	135	231			
07	OCT	2015	3	164	531			
06	OCT	2015	1	212	841			
05	OCT	2015	1	77	308			
			、 _· ·	c (_		-
***	* NC	TE: 1	.) Discha	rge from (07	/00-2100) i	s computed	using Spillwa	y and
Sec	cor			iacharran fr		a to 0100 h	x a	
		-	Gate D	rac (Att Div	$\frac{1}{1}$	s to ZIVU N	IS. Dilluor Cort	or Coto
and	3	2	, DISCIIA	TAG (ATT DAI	, та сощри	ced using S	Piliway, Sect	UI Gale
and	1							
	1		Lockag	es Discharge	s from 001	5 hrs to 24	00 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 190CT2015 @ 11:39 ** Preliminary Data - Subject to Revision **

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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
[]	[1001]	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