Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 12/10/2018 (ENSO Neutral 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 La Nina ENSO 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		oley's ethod ^{1*}	En	WMD npirical ethod ²	Neutr	ampling of al ENSO ears ³	Sub-sampling of AMO Warm + Neutral ENSO Years ⁴		
	Value (ft)	Condition	Value (ft)	<u>Condition</u>	Value (ft)	Condition	Value (ft)	<u>Condition</u>	
Current (Dec- May)	N/A	N/A	0.36	Dry	1.09	Normal	-0.38	Dry	
Multi Seasonal (Dec- Oct)	N/A	N/A	3.03	Wet	4.01	Wet	2.12	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.

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

Tributary Hydrologic Conditions Graph:

-1855 cfs 14-day running average for Lake Okeechobee Net Inflow through 12/10/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

-2.25 for Palmer Index on 12/08/2018.

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

The wetter of the two conditions above is Dry.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 12/10/2018

Lake Okeechobee Stage: 12.91 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	ement Band	17.25	
	High sub-band	16.88	
Operational Band	Intermediate sub-band	16.25	
	Low sub-band	14.35	
Base Flow sub-ba	nd	12.70	← 12.91
Beneficial Use sub	o-band	12.33	
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: S-79 Up to 450 cfs & S-80 Up to 200 cfs.

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 12/10/2018 (ENSO Neutral Condition):

Status for week ending 12/10/2018:

District wide, Raindar rainfall was 0.43 inches for the week. Lake stage on 12/10/2018 was 12.91 ft, NGVD, down 0.12 ft from last week .The updated December 2018 SFWMM Dynamic Position Analysis <u>percentile graph</u> 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 **Dry.** The PDSI indicates dry conditions and the LONIN is dry. The THC classification is based on the wetter of the two <u>indices</u>.

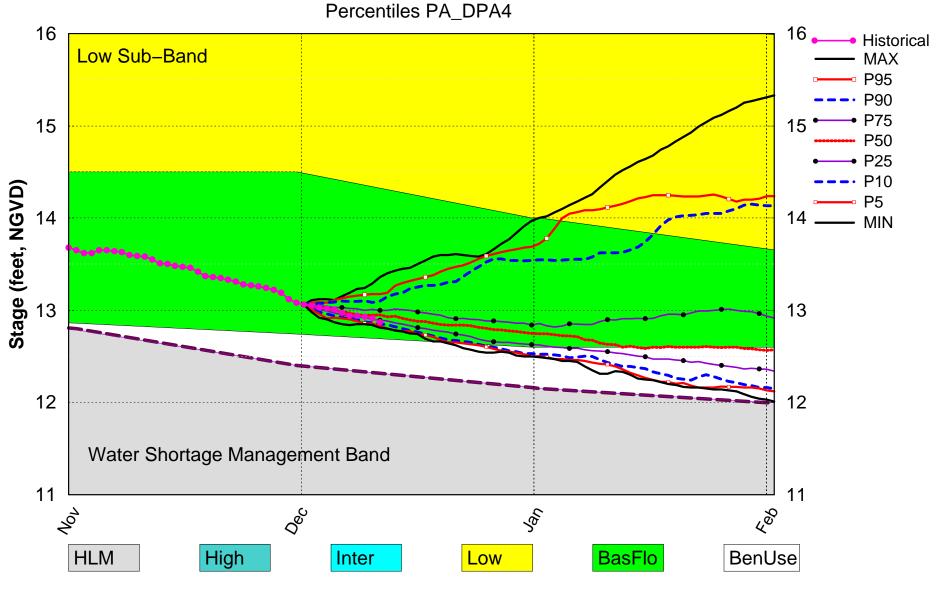
Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Beneficial Use Sub-Band	н
	Palmer Index for LOK Tributary Conditions	-2.25 (Extremely Dry)	н
	CPC Provinitation Outlook	1 month: Above Normal	L
LOK	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.09 ft (Dry)	М
	LOK Multi-Seasonal Net Inflow Outlook	4.01 ft (Wet)	L
	ENSO Forecast (positive)		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Line 1- Line 2 (16.27 ft)	М
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.42 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.57 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

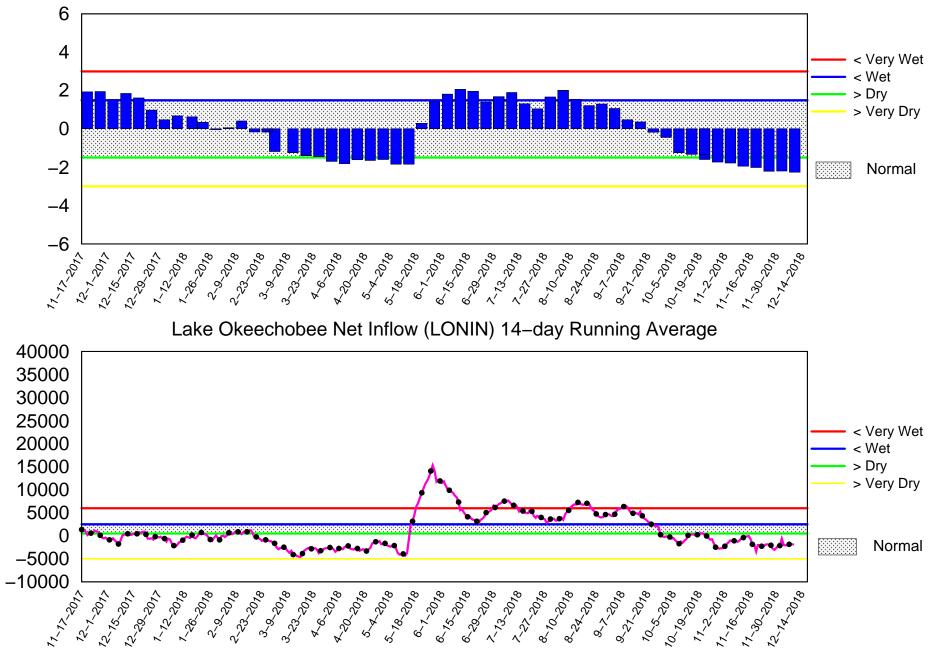
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

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Lake Okeechobee SFWMM Dec 2018 Position Analysis



(See assumptions on the Position Analysis Results website)



Tributary Basin Condition Indicators as of December 10 2018

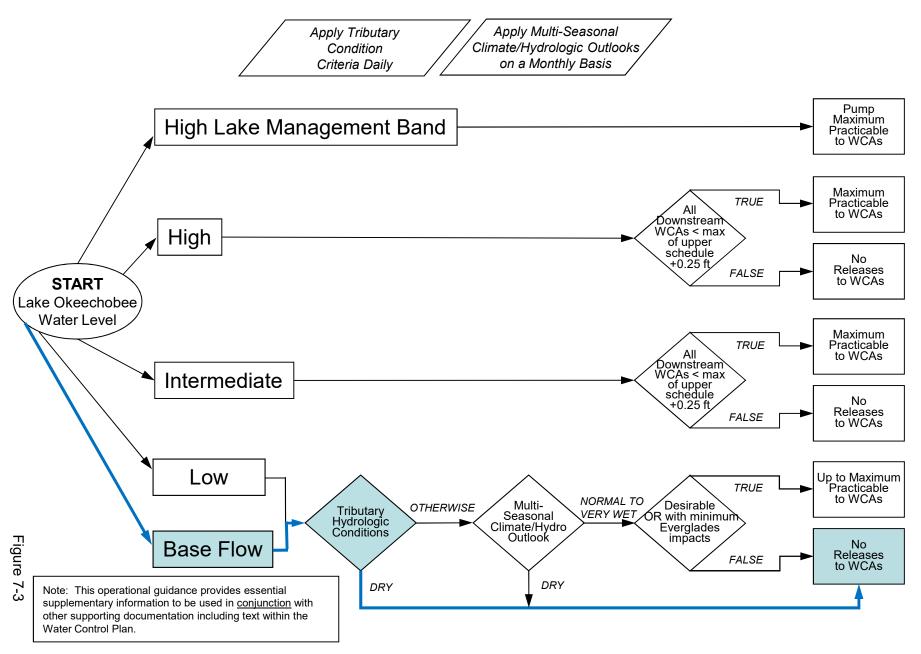
Palmer Index

Mon Dec 10 14:52:13 EST 2018

Flow (cfs)

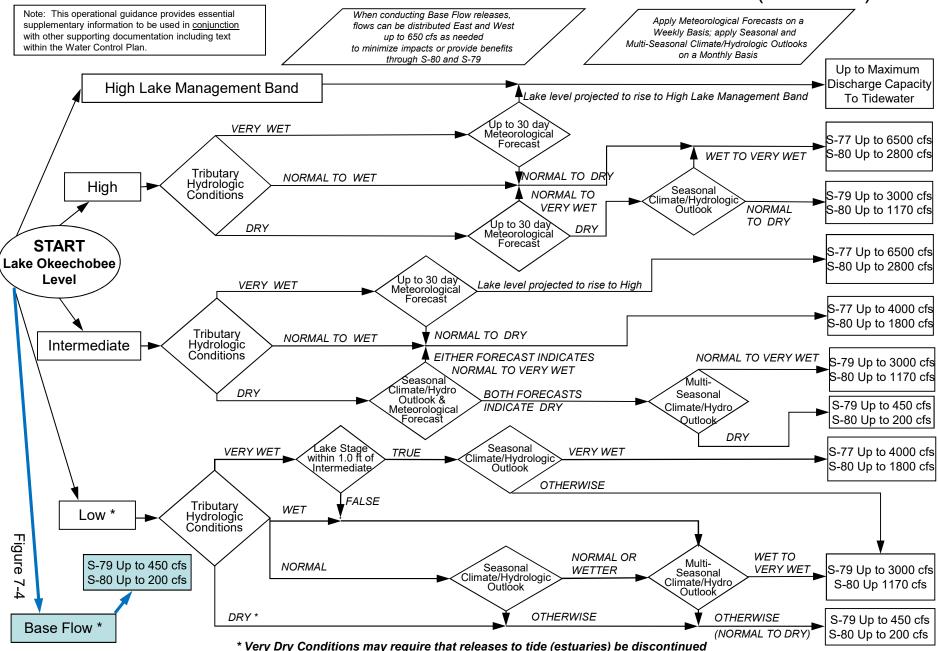
2008 LORS

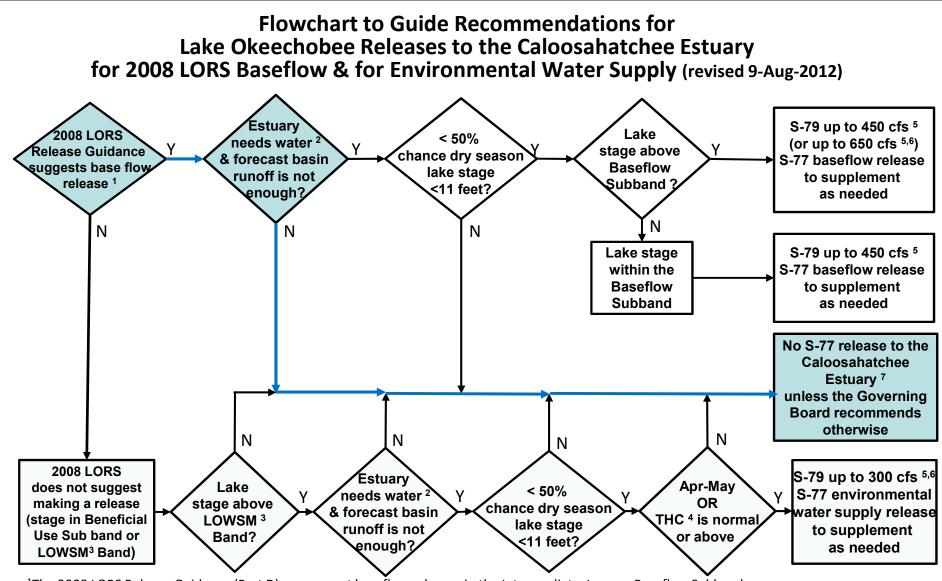
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



2008 LORS

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



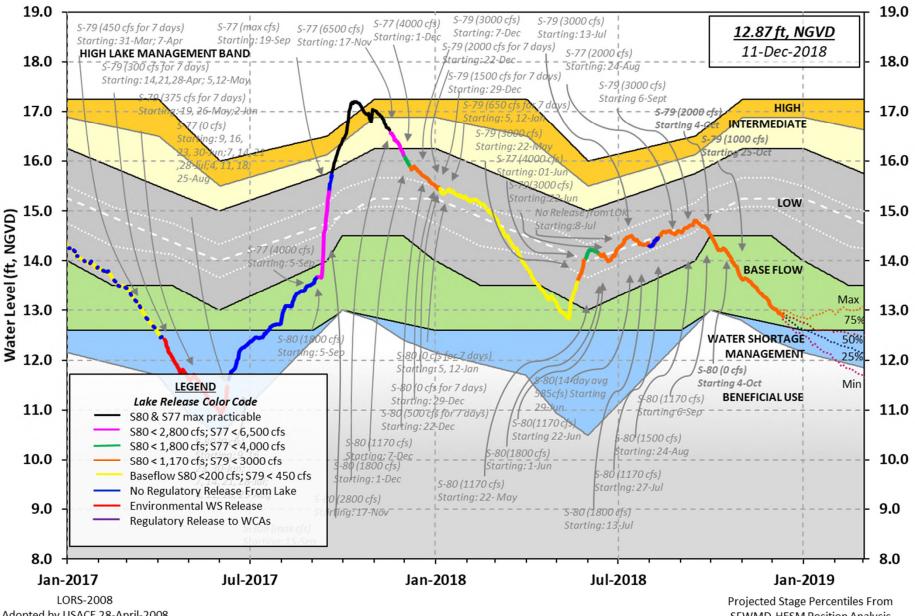


¹The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands. ²Estuary "needs" water when the 30-day moving average salinity at I-75 bridge is projected to exceed 5 practical salinity units (psu) within 2 weeks. ³LOWSM = Lake Okeechobee Water Shortage Management.

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

⁵Can release less than the "up to" limit if lower release is sufficient to reach or sustain desired estuary salinity; cfs = cubic feet per second. ⁶After reviewing conditions in Water Conservation Areas (WCAs), Stormwater Treatment Areas (STAs), ENP, St. Lucie Estuary and Lake Okeechobee. ⁷Should 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 09 DEC 2018 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) *Okeechobee Lake Elevation 12.91 15.90 14.62 (Official Elv) Bottom of High Lake Mngmt= 17.25 Top of Water Short Mngmt= 12.33 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 13.68 Difference from Average LORS2008 -0.7709DEC (1965-2007) Period of Record Average 14.75 Difference from POR Average -1.84 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 6.85' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 5.05' Bridge Clearance = 50.47' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L005 L006 LZ40 S4 S352 S308 S133 L001 12.96 12.95 12.90 12.86 12.82 -NR- 12.93 12.94 *Combination Okeechobee Avg-Daily Lake Average = 12.91 (*See Note) Okeechobee Inflows (cfs): 309 S65E 0 S65EX1 Fisheating Cr 1 S135 Pumps 0 S154 0 S191 0 0 S84 0 S133 Pumps S2 Pumps 0 0 0 0 S84X S127 Pumps S3 Pumps S71 0 S129 Pumps 0 S4 Pumps 0 0 S72 0 S131 Pumps C5 0 Total Inflows: 310 Okeechobee Outflows (cfs): S77 220 S135 Culverts 0 S354 1568 S351 0 S127 Culverts 620 S308 9 S129 Culverts 0 S352 509 S131 Culverts 5 L8 Canal Pt 165 Total Outflows: 3097

	Headwater	Tailwater				Gat	te 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	tom				
North East Sh	nore									
S133 Pumps	: 12.72	12.72	0	0	0	0	0	0	(cfs	5)
S193:										
S191:	17.47	12.76	0	0.0	0.0	0.0				
S135 Pumps	: 12.78	12.93	0	0	0	0	0		(cfs	5)
S135 Culver	rts:		0	0.0	0.0					
North West Sh	nore									
S65E:	21.00	12.55	0	0.0	0.0	0.0	0.0	0.0	0.0	
S65EX1:	21.00	12.55	309							
S127 Pumps	: 12.90	12.71	0	0	0	0	0	0	(cfs	5)
S127 Culver	rt:		0	1.0						
S129 Pumps	: 13.03	13.03	0	0	0	0			(cfs	5)
S129 Culver	ct:		0	0.0						
S131 Pumps	: 12.96	12.79	0	0	0				(cfs	3)
S131 Culver	ct:		5							
Fisheating	Creek									
nr Palmda	ale	28.08	1							
nr Lakepo	ort									
C5:		-NR-	0	-NR	2 - NE	RNI	R-			
South Shore										
S4 Pumps:	11.18	12.90	0	0	0	0			(cfs	3)
S169:	12.93	11.18	0	0.0	0.0	0.0				
S310:	12.83		8							

 S3 Pumps:
 11.19
 13.01
 0
 0
 0
 0

 S354:
 13.01
 11.19
 220
 0.5
 0.6

 S2 Pumps:
 11.16
 -NR 0
 0
 0
 0

 S351:
 -NR 11.16
 620
 1.0
 0.9
 0.8

 S352:

 11.16
 509
 1.1
 1.1

 (cfs) 0 0 0 0 (cfs) S352: C10A: _____ 11.16 -NR- 13.15 8.0 8.0 8.0 0.0 0.0 13.15 12.93 165 L8 Canal PT S351 and S352 Temporary Pumps/S354 Spillway 11.16 S351: -NR-620 -NR--NR--NR--NR--NR-S352: 11.16 509 -NR--NR--NR--NR-S354: 11.19 13.01 220 -NR--NR--NR--NR-Caloosahatchee River (S77, S78, S79) S47B: 13.06 11.05 0.0 0.0 11.11 -37 6.5 S47D: 11.10 S77: Spillway and Sector Preferred Flow: 12.76 11.00 1567 0.0 3.5 3.5 0.0 1 Flow Due to Lockages+: S78: Spillway and Sector Flow: 10.88 3.08 1019 1.0 2.5 0.0 0.0 7 Flow Due to Lockages+: S79: Spillway and Sector Flow: 1.50 1381 0.0 1.0 1.0 1.0 1.0 1.0 0.0 3.17 0.0 Flow Due to Lockages+: 4 flow from S77 113% (ppm) 55 Percent of flow from S77 Chloride St. Lucie Canal (S308, S80) S308: Spillway and Sector Preferred Flow: 12.95 13.03 9 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 0 19.00 12.79 0 0.0 0.0 S153: S80: Spillway and Sector Flow:

 13.16
 1.35
 0
 0.0
 0.0
 0.0
 0.0
 0.0
 0.0
 0.0

 Flow Due to Lockages+:
 14

 Percent of flow from S308 NA % 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.
++ Preferred flow is determined from either the spillway discharge or the below flow meter daily

				Wi	Ind
- Daily Precipitation Totals	1-Day	3-Day	7-Day	Directio	on
Speed	(inches)	(inches)	(inches)	(Degø)	
(mph)	(Inches)	(menes)	(Inches)	(DCgb)	
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:	0.58	0.58	0.58	276	5
S78:	0.01	0.01	0.13	288	7
S79:	-40.75		-244.90	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 -9.54	0.00 -15.66	260	1 1
S308:	-3.18 0.02			269	11
S80: Okeechobee Average		0.04	0.29 -1.16	311	6
(Sites S78, S79 and	S80 not inc	luded)	1.10		
Oke Nexrad Basin Avg		0.07	0.84		
Oke Nexrad Basin Avg	0.07	0.07		 	
Oke Nexrad Basin Avg 	0.07	0.07	0.84 12.91 Differ	rence from	n
Oke Nexrad Basin Avg 	0.07 	0.07		 ence from 0.0	
Oke Nexrad Basin Avg 	0.07 09 DEC 2018 08 DEC 2018 07 DEC 2018	0.07	12.91 Differ)2
Oke Nexrad Basin Avg 	0.07 09 DEC 2018 08 DEC 2018 07 DEC 2018	0.07	12.91 Differ 12.93	0.0)2)3
Oke Nexrad Basin Avg 	0.07 09 DEC 2018 08 DEC 2018 07 DEC 2018 06 DEC 2018	0.07	12.91 Differ 12.93 12.94	0.0 0.0)2)3)3
Oke Nexrad Basin Avg 	0.07 09 DEC 2018 08 DEC 2018 07 DEC 2018	0.07	12.91 Differ 12.93 12.94 12.94	0.0 0.0 0.0)2)3)3)6
Oke Nexrad Basin Avg 	0.07 09 DEC 2018 08 DEC 2018 07 DEC 2018 06 DEC 2018 05 DEC 2018 04 DEC 2018 03 DEC 2018	0.07	12.91 Differ 12.93 12.94 12.94 12.97 13.01 13.02	0.0 0.0 0.0)2)3)3)6 L0
Oke Nexrad Basin Avg 	0.07 09 DEC 2018 08 DEC 2018 07 DEC 2018 06 DEC 2018 05 DEC 2018 04 DEC 2018	0.07	12.91 Differ 12.93 12.94 12.94 12.97 13.01	0.0 0.0 0.0 0.0)2)3)3)6 10
Oke Nexrad Basin Avg 	0.07 09 DEC 2018 08 DEC 2018 07 DEC 2018 06 DEC 2018 05 DEC 2018 04 DEC 2018 03 DEC 2018 03 DEC 2018 03 DEC 2018 02 DEC 2018 09 NOV 2018	0.07	12.91 Differ 12.93 12.94 12.94 12.97 13.01 13.02	0.0 0.0 0.0 0.0 0.1 0.1)2)3)3)6 L0 L1 L2
Oke Nexrad Basin Avg 	0.07 09 DEC 2018 08 DEC 2018 07 DEC 2018 06 DEC 2018 05 DEC 2018 04 DEC 2018 03 DEC 2018 03 DEC 2018	0.07	12.91 Differ 12.93 12.94 12.94 12.97 13.01 13.02 13.03	0.0 0.0 0.0 0.0 0.1 0.1 0.1)2)3)3)6 10 11 12 57

Lake Okeechobee Net Inflow (LONIN) Average Flow over the previous 14 days | Avg-Daily Flow

09DEC18	Today	=	09	DEC	2018	-1809	MON	-842	
09DEC18	-1 Day	=	08	DEC	2018	-1820	SUN	1724	
09DEC18	-2 Days	=	07	DEC	2018	-1831	SAT	2956	
09DEC18	-3 Days	=	06	DEC	2018	-2017	FRI	-3366	
09DEC18	-4 Days	=	05	DEC	2018	-1985	THU	-5568	
09DEC18	-5 Days	=	04	DEC	2018	-1912	WED	448	
09DEC18	-6 Days	=	03	DEC	2018	-2098	TUE	1086	
09DEC18	-7 Days	=	02	DEC	2018	-2123	MON	-757	
09DEC18	-8 Days	=	01	DEC	2018	-2002	SUN	1577	
09DEC18	-9 Days	=	30	NOV	2018	-2615	SAT	-1032	
09DEC18	-10 Days	=	29	NOV	2018	-3017	FRI	-5380	
09DEC18	-11 Days	=	28	NOV	2018	-2705	THU	-11372	
09DEC18	-12 Days	=	27	NOV	2018	-1900	WED	-3189	
09DEC18	-13 Days	=	26	NOV	2018	-1805	TUE	-1614	

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-						se	55E			
					Average	Flow	v over	previous	14 days	Avg-Daily Flow
	09DEC18		Today	/=	09	DEC	2018	0	MON	0
	09DEC18	-1	Day	=	08	DEC	2018	0	SUN	0
	09DEC18	-2	Days	=	07	DEC	2018	0	SAT	0
	09DEC18	-3	Days	=	06	DEC	2018	0	FRI	0
	09DEC18	-4	Days	=	05	DEC	2018	0	THU	0
	09DEC18	-5	Days	=	04	DEC	2018	0	WED	0
	09DEC18	-6	Days	=	03	DEC	2018	0	TUE	0
	09DEC18	-7	Days	=	02	DEC	2018	8	MON	0
	09DEC18	-8	Days	=	01	DEC	2018	8	SUN	0
	09DEC18	-9	Days	=	30	NOV	2018	8	SAT	0
	09DEC18	-10	Days	=	29	NOV	2018	8	FRI	0
	09DEC18	-11	Days	=	28	NOV	2018	8	THU	0
	09DEC18	-12	Days	=	27	NOV	2018	8	WED	0
	09DEC18	-13	Days	=	26	NOV	2018	8	TUE	0

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		S65EX1			
	Average Fl	ow over	previous	14 days	Avg-Daily Flow
09DEC18 Today:	: 09 DE	C 2018	297	MON	309
09DEC18 -1 Day :	: 08 DE	C 2018	298	SUN	280
09DEC18 -2 Days :	: 07 DE	C 2018	301	SAT	221
09DEC18 -3 Days :	: 06 DE	C 2018	308	FRI	247
09DEC18 -4 Days :	: 05 DE	C 2018	314	THU	364
09DEC18 -5 Days :	: 04 DE	C 2018	311	WED	347
09DEC18 -6 Days :	: 03 DE	C 2018	309	TUE	275
09DEC18 -7 Days :	: 02 DE	C 2018	309	MON	332
09DEC18 -8 Days :	: 01 DE	C 2018	306	SUN	291
09DEC18 -9 Days :	: 30 NO	V 2018	307	SAT	264
09DEC18 -10 Days :	= 29 NO	V 2018	311	FRI	174
09DEC18 -11 Days :	28 NO	V 2018	325	THU	352
09DEC18 -12 Days :	27 NO	V 2018	324	WED	349
09DEC18 -13 Days :	26 NO	V 2018	321	TUE	352

_ Lake Okeechobee Outlets Last 14 Days

			7 5		a 70	a 70	
		S-77		elow S-77	S-78	S-79	
		Discha		Discharge	Discharge	Discharge	
		(ALL I		(ALL-DAY)	(ALL DAY)		
0.0	DATE	(AC-E		(AC-FT)	(AC-FT)	(AC-FT)	
	DEC 20			2876	2034	2707	
	DEC 20			3242	2065	4018	
	DEC 20			1418	-NR-	2770	
	DEC 20			865	357	374	
	DEC 20			923	1174	1448	
	DEC 20			1988	1535	1971	
	DEC 20			2699	1980	2385	
	DEC 20			2738	2071	2656	
	DEC 20			2436	2041	2932	
	NOV 20			1375	1458	2212	
	NOV 20			1347	436	227	
	NOV 20			1725	1466	1068	
	NOV 20		52	1686	1484	1534	
26	NOV 20	18 167	79	1568	1517	1896	
		S-31	LO	S-351	S-352	S-354	L8 Canal Pt
		Discha	arge l	Discharge	Discharge	Discharge	Discharge
		(ALL I) (YAC	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
	DATE	(AC-F	rΤ)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
09	DEC 20	18 1	L7	1230	-NR-	369	327
08	DEC 20	18 8	35	1691	-NR-	563	342
07	DEC 20	18 13	32	2090	-NR-	656	407
06	DEC 20	18 10)5	1933	-NR-	599	375
05	DEC 20	18 15	57	1833	-NR-	434	407
04	DEC 20	18 7	75	1375	-NR-	440	406
03	DEC 20	18 7	78	1589	821	448	411
02	DEC 20	18 6	51	1970	894	375	386
01	DEC 20	18 7	74	2086	910	660	372
30	NOV 20			2451	855	690	377
	NOV 20			1878	982	781	393
	NOV 20			2258	926	702	420
	NOV 20		92	1996	1108	468	478
	NOV 20		90	1687	888	403	366
			-				
		S-30)8]	Below S-30	8 S-80		
		Discha		Discharge		e	
		(ALL I		(ALL-DAY)			
	DATE	(AC-F		(AC-FT)	(AC-FT)	,	
09	DEC 20		-1	-22	28		
	DEC 20			250	41		
	DEC 20		1	170	41		
	DEC 20		0	116	40		
	DEC 20			107	21		

31

32

46

52

34

37

30

17

45

55

05 DEC 2018

04 DEC 2018

03 DEC 2018

02 DEC 2018

01 DEC 2018

30 NOV 2018

29 NOV 2018

28 NOV 2018

27 NOV 2018

26 NOV 2018

-320

-156

-232

1 0 0

-223

-215

39 -0

-197

-21 -90

-153

-3 279

172

125

135

-207

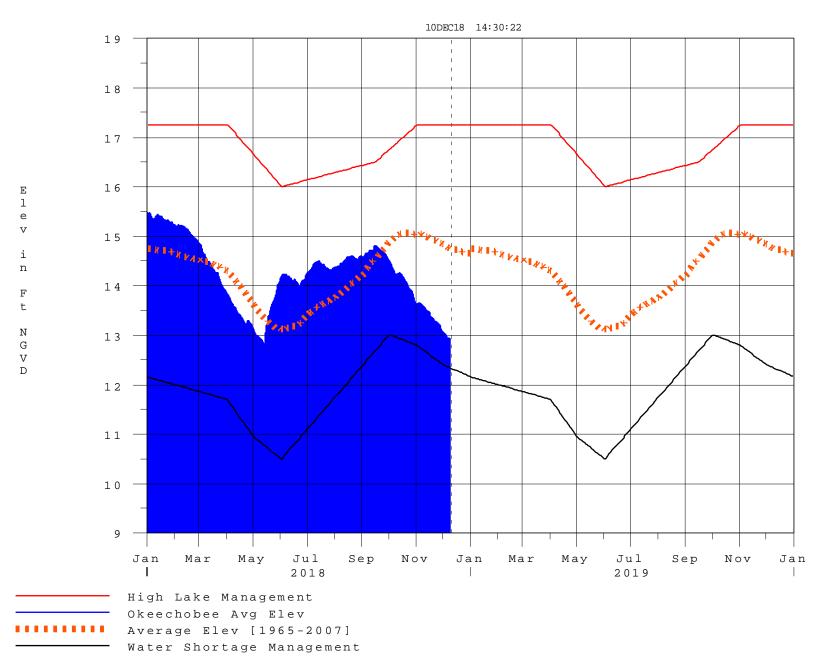
		Lockages	Discharges	fro	om 0015 hr	rs to 2	2400 hrs.			
*** and	NOTE:	Discharge	e (ALL DAY)	is	computed	using	Spillway,	Sector	Gate	

(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 10DEC2018 @ 14:39 ** 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

• 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 Classification*	Palmer Index Class Limits	2-wk Mean L.O. Net 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