Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 8/27/2018 (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	Croley's Method ^{1*} eason		Empirical			ampling of O Years ³	Sub-sampling of AMO Warm + ENSO Years ⁴	
	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	Condition	Value (ft)	Condition
Current (Aug- Jan)	N/A	N/A	2.19	Very Wet	3.01	Very Wet	1.94	Wet
Multi Seasonal (Aug- Apr)	N/A	N/A	2.56	Wet	3.60	Wet	1.62	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:

4045 cfs 14-day running average for Lake Okeechobee Net Inflow through 8/27/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Wet.

1.29 for Palmer Index on 8/25/2018.

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

The wetter of the two conditions above is Wet.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 8/27/2018

Lake Okeechobee Stage: 14.53 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	16.41	
	High sub-band	16.01	
Operational Band	Intermediate sub-band	15.61	
	Low sub-band	13.81	← 14.53
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	12.28	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to maximum practicable releases to the WCAs if desirable or with minimum everglades impacts; otherwise no releases.

Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: S-79 Up to 3000 cfs & S-80 Up to 1170 cfs.

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LORS2008 Implementation on 8/27/2018 (ENSO Neutral Condition):

Water Supply Risk Evaluation

Status for week ending 8/27/2018:

District wide, Raindar rainfall was 1.50 inches for the week. Lake stage on 8/27/2018 was 14.53 ft, NGVD, down 0.06 ft from last week.

The updated August 2018 Mid-Month SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Low Sub-Band.

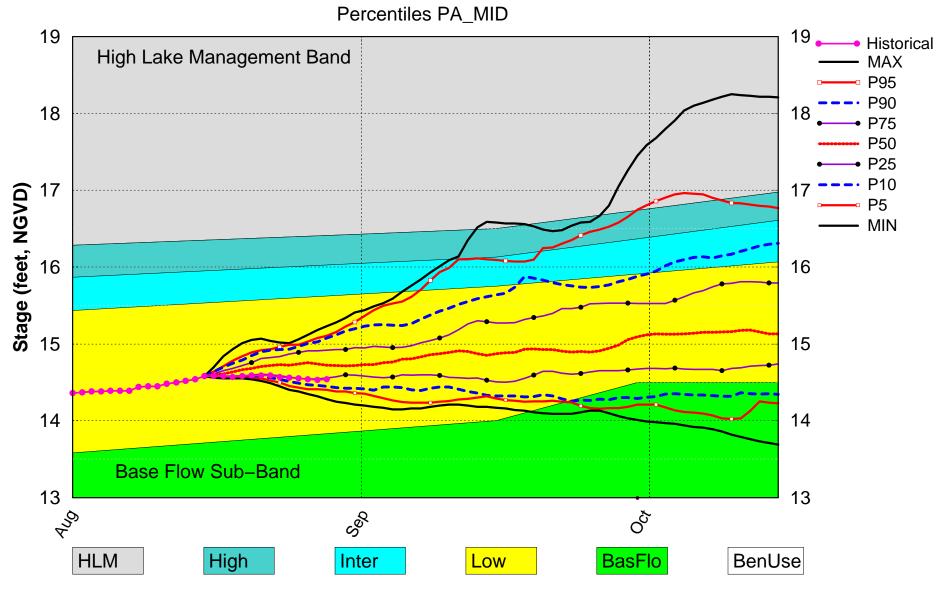
The 2008 LORS Tributary Hydrologic Condition (THC) is classified as **Wet**. The PDSI indicates normal conditions and the LONIN is wet. The THC classification is based on the wetter of the two <u>indices</u>.

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Low Sub Band	L
	Palmer Index for LOK Tributary Conditions	1.29 (Normal to Extremely Wet)	L
	CPC Provinitation Outlook	1 month: Above Normal	L
LOK	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Years	3.01 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook ENSO Conditions	3.60 ft (Wet)	L
	WCA 1: Station Average (Site 1-7, Site 1-8T, Site 1-9)	Above Line 1 (16.41 ft)	L
WCAs	WCA 2A: Site 2-17	Above Line 1 (13.24 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.48 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 Aug 2018 Mid–MonthPosition Analysis

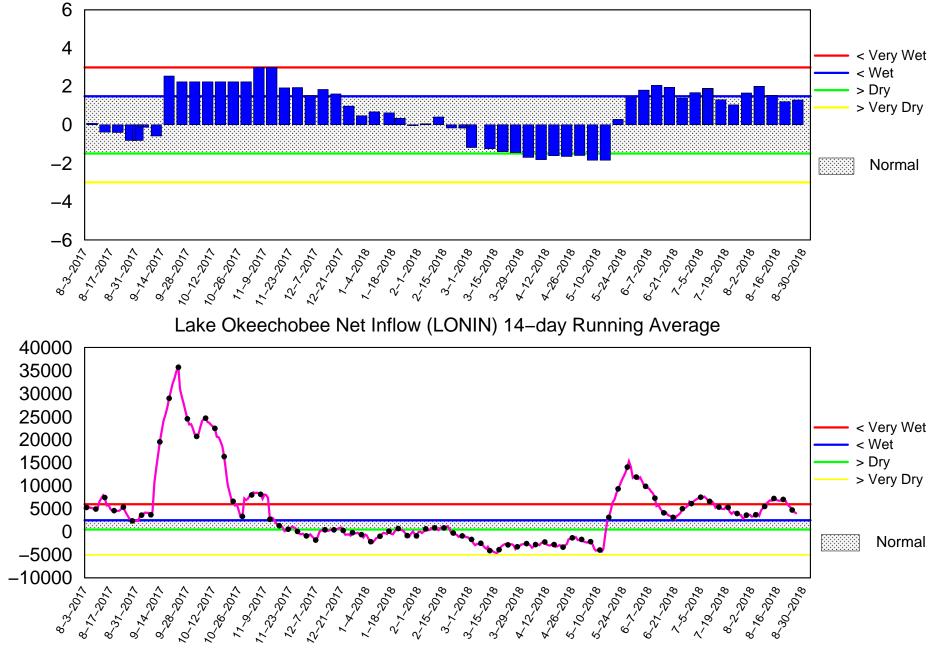


(See assumptions on the Position Analysis Results website)

Tue Aug 28 09:52:12 2018

Tributary Basin Condition Indicators as of August 27 2018

Palmer Index

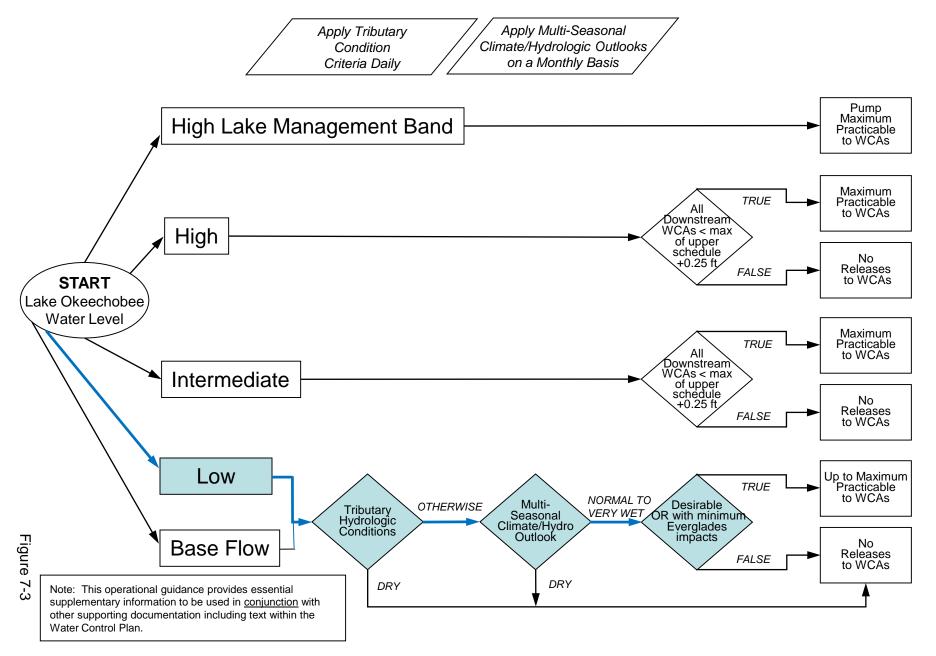


Mon Aug 27 14:59:02 EDT 2018

Flow (cfs)

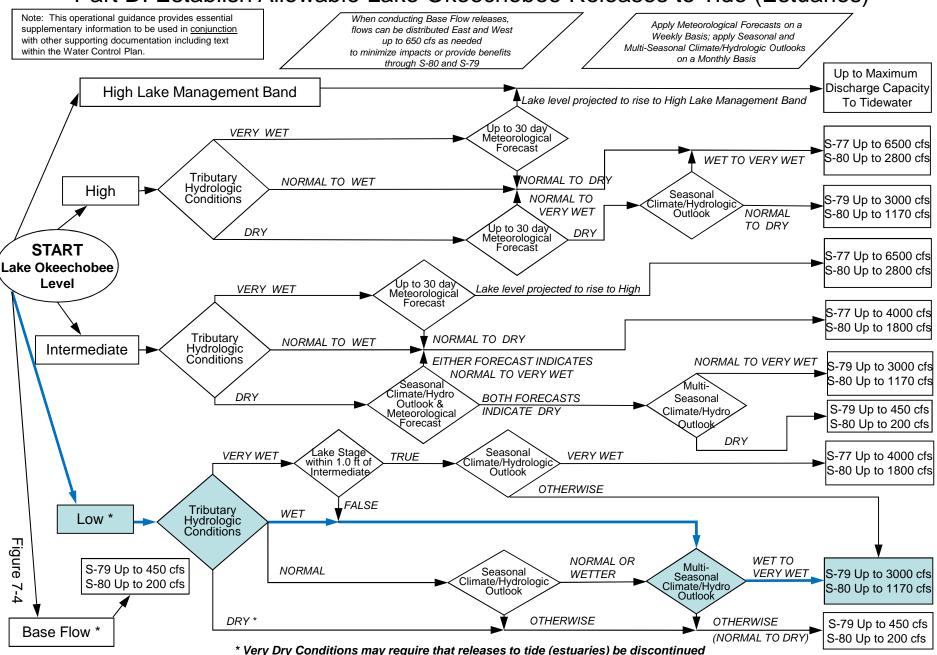
2008 LORS

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

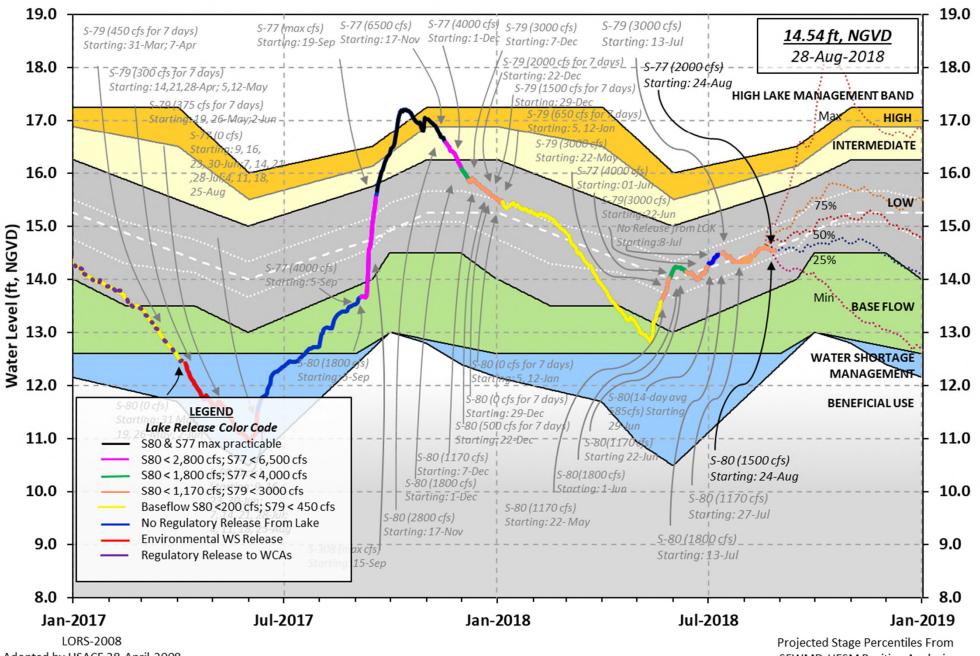


2008 LORS

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



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 26 AUG 2018 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) *Okeechobee Lake Elevation 14.53 13.49 14.70 (Official Elv) Bottom of High Lake Mngmt= 16.41 Top of Water Short Mngmt= 12.28 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 13.14 Difference from Average LORS2008 1.39 26AUG (1965-2007) Period of Record Average 14.14 Difference from POR Average 0.39 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 8.47' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 6.67' Bridge Clearance = 48.92' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 14.51 14.63 14.55 14.52 14.56 14.63 14.41 14.46 *Combination Okeechobee Avg-Daily Lake Average = 14.53 (*See Note) Okeechobee Inflows (cfs): S65E 0 S65EX1 2658 Fisheating Cr 237 S154 0 S191 0 S135 Pumps 0 582 S84 S133 Pumps 0 S2 Pumps 0 S84X 484 S127 Pumps 0 S3 Pumps 0 S71 182 S129 Pumps 0 S4 Pumps 0 S72 70 S131 Pumps 0 C5 0 Total Inflows: 4213 Okeechobee Outflows (cfs): S135 Culverts 0 S354 1097 S77 2072 S127 Culverts 0 S351 998 S308 874 S129 Culverts 0 0 S352 304 S131 Culverts L8 Canal Pt 5 Total Outflows: 5349 ****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 0.10 S308 0.21

Average Pan Evap x 0.75 Pan Coefficient = 0.12" = 0.01'

Lake Average Precipitation using NEXRAD: = 0.23" = 0.02'
Evaporation - Precipitation: = -0.11" = -0.01'
Evaporation - Precipitation using Lake Area of 730 square miles
 is equal to 2233 cfs into the lake.
Lake Okeechobee (Change in Storage) Flow is -2118 cfs or -4200 AC-FT

	Headwater	Tailwater				- Gat	e Pos	sitio	ns		
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6	#7	#8
	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)		(ft)
				note at							
North East Sh	nore										
S133 Pumps	: 13.47	14.39	0	0	0	0	0	0	(cfs	5)	
s193:											
S191:	18.96	14.39	0	0.0	0.0	0.0					
S135 Pumps	: 13.39	14.36	0	0	0	0	0		(cfs	5)	
S135 Culver	rts:		0	0.0	0.0						
North West Sh	ore										
S65E:	21.08	14.31	0	0.0	0.0	0.0	0 0	0.0	0.0		
S65EX1:	21.08	14.31	2658	0.0	0.0	0.0	0.0	0.0	0.0		
S127 Pumps:		14.48	2058 0	0	0	0	0	0	/ afa	- \	
		14.40			0	0	0	0	(cfs	5)	
S127 Culver	ſĊ:		0	0.0							
S129 Pumps	12.84	14.59	0	0	0	0			(cfs	5)	
S129 Culver			0	0.0						,	
	10.00	14 00	0	0	0				(C	`	
S131 Pumps:		14.82	0	0	0				(cfs	5)	
S131 Culver	rt:		0								
Fisheating	Creek										
nr Palmda	ale	31.87	237								
nr Lakepo	ort										
C5:		-NR-	0	-NR	NR	.– –NF	ર–				
South Shore											
S4 Pumps:	13.02	14.63	0	0	0	0			(cfs	5)	
S169:	14.64	13.01	0	0.0	0.0	0.0					
S310:	14.56		-94								
S3 Pumps:	9.42	14.58	0	0	0	0			(cfs	5)	
S354:	14.58	9.42	1097	1.7	1.7				(- /	
S2 Pumps:	10.34	14.54	0	0	0	0	0		(cfs	=)	
S351:	14.54	10.34	998	1.0	1.0	1.1	5		. 011	- /	
S352:	14.64	10.02	304	0.2	0.4	±•±					
C10A:	-NR-	14.23	501	8.0	8.0	Q	.0 (0.0	0.0		
L8 Canal PI		14.06	5	0.0	0.0	0.			0.0		
lo canal Pl	L	T4.00	J								
	S35	1 and S352	Tempora	ary Pum	ps/S3	54 Sp	pillwa	ay			
S351:	10.34	14.54	998	-NRN	рNр	NP-	NR	-NR -			
S352:	10.02	14.64	304					TNIC			
00020	IU.UZ	14.04	504	-14K IN	rnk		-				

9.42 14.58 1097 -NR--NR--NR-

S354:

Caloosahatchee River (S77, S78, S79) S47B:13.5313.032.5S47D:11.5411.50-56.5 2.5 2.5 S77: Spillway and Sector Flow: 14.61 11.40 ***** 3.0 3.0 3.0 0.0 Flow Due to Lockages+: 2 S77 Below USGS Flow Gage 1992 S78: Spillway and Sector Flow: 11.19 3.21 3149 2.5 2.5 3.0 2.5 9 Flow Due to Lockages+: S79: Spillway and Sector Flow: 3.07 1.16 5112 3.0 3.0 4.0 4.0 4.0 3.0 1.0 0.0 Flow Due to Lockages+:5Percent of flow from S7740%Chloride(ppm)40 St. Lucie Canal (S308, S80) S308: Spillway and Sector Flow: 14.40 14.58 874.00 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 0 S153:18.6714.40114S80: 114 0.4 0.0 Spillway and Sector Flow: 14.56 1.90 1542 0.0 1.0 0.0 0.0 0.1 0.0 3.1 Flow Due to Lockages+: 13 Percent of flow from S308 57% Steele Point Top Salinity (mg/ml) **** Steele Point Bottom Salinity (mg/ml) **** Speedy Point Top Salinity (mg/ml) 8850 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	1-Day	3-Day	7-Day	Directio	on 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:	12.83	13.43	13.99	98	4
S78:	1.62	1.71	1.88	87	6
S79:	-13.10	-11.03	-10.36	270	0

<pre>S4 Pump Station: Clewiston Field Station: S3 Pump Station: S2 Pump Station: S308: S80: Okeechobee Average (Sites S78, S79 and</pre>	-NR- -NR- 0.83 0.00 6.83 S80 not incl	1.12 1.1 ⁷ uded)	0 0 6 83 1 0 76 2 7
Oke Nexrad Basin Avg			
Okeechobee Lake Elevations			fference from 26AUG18
26AUG18 -1 Day =			0.01
26AUG18 -2 Days =			0.02
26AUG18 -3 Days =			0.03 0.04
26AUG18 - 4 Days =			0.04
26AUG18 -5 Days =	21 AUG 2018 20 AUG 2018	14.59	0.06
26AUG18 -6 Days = 26AUG18 -7 Days = 26AUG18 -30 Days =	19 AUG 2018	14.59	0.06
26 AUG18 - 30 Days =	27 JUL 2018	14.32	-0.21
26AUG18 -1 Year =	26 AUG 2017	13.49	-1.04
26AUG18 -2 Year =			0.17
Long Term Mean 30day Avearg			
		Net Inflow (LONIN	
		previous 14 days	
26AUG18 Today = 26AUG18 -1 Day =			3229
_			3084
26AUG18 -3 Days = 26AUG18 -4 Days =			321
26AUG18 -4 Days - 26AUG18 -5 Days =			3716
26AUG18 -6 Days =			2987
26AUG18 -7 Days =	19 AUG 2010	6984 MON	4940
26AUG18 -7 Days = 26AUG18 -8 Days =	18 AUG 2018	6766 SUN	5418
26AUG18 -9 Days =	17 AUG 2018	6694 SAT	1583
26AUG18 -10 Days =	16 AUG 2018	6802 FRI	3482
26AUG18 -11 Days =	15 AUG 2018	6980 THU	3156
_	14 AUG 2018	7185 WED	10461
-	13 AUG 2018	6644 TUE	7625
	S65E		
		previous 14 days	Avg-Daily Flow
26AUG18 Today=	26 AUG 2018	0 MON	0
26AUG18 -1 Day =	25 AUG 2018	0 SUN	0
26AUG18 -2 Days =	24 AUG 2018	0 SAT	0
26AUG18 -3 Days =	23 AUG 2018	0 FRI	0
26AUG18 - 4 Days =	22 AUG 2018	0 THU	0
26AUG18 - 5 Days =	21 AUG 2018	0 WED	0
26AUG18 - 6 Days =	20 AUG 2018	0 TUE	0
26AUG18 - 7 Days =	19 AUG 2018	0 MON	0
26AUG18 -8 Days =	18 AUG 2018	0 SUN	0
26AUG18 -9 Days =	17 AUG 2018	0 SAT	0
26AUG18 -10 Days =	16 AUG 2018	0 FRI	0
26AUG18 -11 Days =	15 AUG 2018	0 THU	0

26AUG18 26AUG18		-				2018 2018	0 0	WED TUE	0 0
						55EX1			
				5			previous	14 days	Avg-Daily Flow
26AUG18		Today	/=	26	AUG	2018	3779	MON	2658
26AUG18	-1	Day	=	25	AUG	2018	3935	SUN	2700
26AUG18	-2	Days	=	24	AUG	2018	4090	SAT	2951
26AUG18	-3	Days	=	23	AUG	2018	4223	FRI	3196
26AUG18	-4	Days	=	22	AUG	2018	4337	THU	3390
26AUG18	-5	Days	=	21	AUG	2018	4436	WED	3752
26AUG18	-б	Days	=	20	AUG	2018	4513	TUE	3936
26AUG18	-7	Days	=	19	AUG	2018	4586	MON	4101
26AUG18	-8	Days	=	18	AUG	2018	4651	SUN	3947
26AUG18	-9	Days	=	17	AUG	2018	4727	SAT	4070
26AUG18	-10	Days	=	16	AUG	2018	4795	FRI	4199
26AUG18	-11	Days	=	15	AUG	2018	4836	THU	4416
26AUG18	-12	Days	=	14	AUG	2018	4847	WED	4707
26AUG18	-13	Days	=	13	AUG	2018	4808	TUE	4878

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		(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
26	AUG	2018	4102	3950	6287	10264	
25	AUG	2018	4035	3806	5913	9470	
24	AUG	2018	3442	3340	5057	9623	
23	AUG	2018	1787	1794	3115	6501	
22	AUG	2018	1891	2036	3190	6711	
21	AUG	2018	2276	2414	3210	6662	
	AUG		2173	2467	3182	6638	
19	AUG	2018	1792	2171	3204	6556	
18	AUG	2018	1794	2117	3229	6655	
17	AUG	2018	1791	2183	3181	7154	
16	AUG	2018	1956	2150	3187	6658	
15	AUG	2018	1507	1524	3175	6408	
	AUG			1497	3219	8000	
13	AUG	2018	2562	2632	3168	6827	
			S-310	S-351	S-352	S-354	L8 Canal Pt
			Discharge	Discharge	Discharge	Discharge	Discharge
			Discharge (ALL DAY)	Discharge (ALL DAY)	Discharge (ALL DAY)	Discharge (ALL DAY)	Discharge (ALL DAY)
	DATE		Discharge (ALL DAY) (AC-FT)	Discharge (ALL DAY) (AC-FT)	Discharge (ALL DAY) (AC-FT)	Discharge (ALL DAY) (AC-FT)	Discharge (ALL DAY) (AC-FT)
	AUG	2018	Discharge (ALL DAY) (AC-FT) -187	Discharge (ALL DAY) (AC-FT) 1978	Discharge (ALL DAY) (AC-FT) 510	Discharge (ALL DAY) (AC-FT) 894	Discharge (ALL DAY) (AC-FT) 10
25	AUG AUG	2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15	Discharge (ALL DAY) (AC-FT) 1978 1192	Discharge (ALL DAY) (AC-FT) 510 389	Discharge (ALL DAY) (AC-FT) 894 1253	Discharge (ALL DAY) (AC-FT) 10 9
25 24	AUG AUG AUG	2018 2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15 51	Discharge (ALL DAY) (AC-FT) 1978 1192 2292	Discharge (ALL DAY) (AC-FT) 510 389 740	Discharge (ALL DAY) (AC-FT) 894 1253 1267	Discharge (ALL DAY) (AC-FT) 10 9 9
25 24 23	AUG AUG AUG AUG	2018 2018 2018 2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15 51 99	Discharge (ALL DAY) (AC-FT) 1978 1192 2292 1918	Discharge (ALL DAY) (AC-FT) 510 389 740 809	Discharge (ALL DAY) (AC-FT) 894 1253 1267 1273	Discharge (ALL DAY) (AC-FT) 10 9 9 -4
25 24 23 22	AUG AUG AUG AUG AUG	2018 2018 2018 2018 2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15 51 99 74	Discharge (ALL DAY) (AC-FT) 1978 1192 2292 1918 1563	Discharge (ALL DAY) (AC-FT) 510 389 740 809 639	Discharge (ALL DAY) (AC-FT) 894 1253 1267 1273 1222	Discharge (ALL DAY) (AC-FT) 10 9 9 -4 3
25 24 23 22 21	AUG AUG AUG AUG AUG AUG	2018 2018 2018 2018 2018 2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15 51 99 74 -33	Discharge (ALL DAY) (AC-FT) 1978 1192 2292 1918 1563 1111	Discharge (ALL DAY) (AC-FT) 510 389 740 809 639 379	Discharge (ALL DAY) (AC-FT) 894 1253 1267 1273 1222 974	Discharge (ALL DAY) (AC-FT) 10 9 9 -4 3 -3
25 24 23 22 21 20	AUG AUG AUG AUG AUG AUG AUG	2018 2018 2018 2018 2018 2018 2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15 51 99 74 -33 -14	Discharge (ALL DAY) (AC-FT) 1978 1192 2292 1918 1563 1111 782	Discharge (ALL DAY) (AC-FT) 510 389 740 809 639 379 3	Discharge (ALL DAY) (AC-FT) 894 1253 1267 1273 1222 974 1279	Discharge (ALL DAY) (AC-FT) 10 9 9 -4 3 -3 -3 -2
25 24 23 22 21 20 19	AUG AUG AUG AUG AUG AUG AUG	2018 2018 2018 2018 2018 2018 2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15 51 99 74 -33 -14 11	Discharge (ALL DAY) (AC-FT) 1978 1192 2292 1918 1563 1111 782 1851	Discharge (ALL DAY) (AC-FT) 510 389 740 809 639 379 379 3 190	Discharge (ALL DAY) (AC-FT) 894 1253 1267 1273 1222 974 1279 1533	Discharge (ALL DAY) (AC-FT) 10 9 9 -4 3 -3 -3 -2 1
25 24 23 22 21 20 19 18	AUG AUG AUG AUG AUG AUG AUG AUG	2018 2018 2018 2018 2018 2018 2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15 51 99 74 -33 -14 11 75	Discharge (ALL DAY) (AC-FT) 1978 1192 2292 1918 1563 1111 782 1851 2094	Discharge (ALL DAY) (AC-FT) 510 389 740 809 639 379 3 190 605	Discharge (ALL DAY) (AC-FT) 894 1253 1267 1273 1222 974 1279 1533 1224	Discharge (ALL DAY) (AC-FT) 10 9 9 -4 3 -3 -2 1 2
25 24 23 22 21 20 19 18 17	AUG AUG AUG AUG AUG AUG AUG AUG AUG	2018 2018 2018 2018 2018 2018 2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15 51 99 74 -33 -14 11 75 38	Discharge (ALL DAY) (AC-FT) 1978 1192 2292 1918 1563 1111 782 1851 2094 1857	Discharge (ALL DAY) (AC-FT) 510 389 740 809 639 379 3 190 605 591	Discharge (ALL DAY) (AC-FT) 894 1253 1267 1273 1222 974 1279 1533 1224 771	Discharge (ALL DAY) (AC-FT) 10 9 9 -4 3 -3 -2 1 2 15
25 24 23 22 21 20 19 18 17 16	AUG AUG AUG AUG AUG AUG AUG AUG AUG AUG	2018 2018 2018 2018 2018 2018 2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15 51 99 74 -33 -14 11 75 38 51	Discharge (ALL DAY) (AC-FT) 1978 1192 2292 1918 1563 1111 782 1851 2094 1857 1303	Discharge (ALL DAY) (AC-FT) 510 389 740 809 639 379 3 190 605 591 230	Discharge (ALL DAY) (AC-FT) 894 1253 1267 1273 1222 974 1279 1533 1224 771 173	Discharge (ALL DAY) (AC-FT) 10 9 9 -4 3 -3 -2 1 2 15 -2
25 24 23 22 21 20 19 18 17 16 15	AUG AUG AUG AUG AUG AUG AUG AUG AUG AUG	2018 2018 2018 2018 2018 2018 2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15 51 99 74 -33 -14 11 75 38 51 71	Discharge (ALL DAY) (AC-FT) 1978 1192 2292 1918 1563 1111 782 1851 2094 1857 1303 811	Discharge (ALL DAY) (AC-FT) 510 389 740 809 639 379 3 190 605 591 230 0	Discharge (ALL DAY) (AC-FT) 894 1253 1267 1273 1222 974 1279 1533 1224 771 173 748	Discharge (ALL DAY) (AC-FT) 10 9 9 -4 3 -3 -2 1 2 15 -2 -134
25 24 23 22 21 20 19 18 17 16 15 14	AUG AUG AUG AUG AUG AUG AUG AUG AUG AUG	2018 2018 2018 2018 2018 2018 2018 2018	Discharge (ALL DAY) (AC-FT) -187 -15 51 99 74 -33 -14 11 75 38 51	Discharge (ALL DAY) (AC-FT) 1978 1192 2292 1918 1563 1111 782 1851 2094 1857 1303	Discharge (ALL DAY) (AC-FT) 510 389 740 809 639 379 3 190 605 591 230	Discharge (ALL DAY) (AC-FT) 894 1253 1267 1273 1222 974 1279 1533 1224 771 173	Discharge (ALL DAY) (AC-FT) 10 9 9 -4 3 -3 -2 1 2 15 -2

			S-308	Below S-30	8 S-80	
]	Discharge	Discharge	Discharge	
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)	
	DATE	2	(AC-FT)	(AC-FT)	(AC-FT)	
26	AUG	2018	1736	1733	3087	
25	AUG	2018	623	927	3107	
24	AUG	2018	2166	2175	3239	
23	AUG	2018	3015	3272	3560	
22	AUG	2018	3389	3740	4049	
21	AUG	2018	2333	2350	3676	
20	AUG	2018	1361	1666	1925	
19	AUG	2018	2	121	16	
18	AUG	2018	553	614	744	
17	AUG	2018	2122	2459	2752	
16	AUG	2018	3148	3601	3587	
15	AUG	2018	3172	3640	4091	
14	AUG	2018	2079	2218	3640	
13	AUG	2018	1213	655	1812	
***	* 110	\TTT •	Diacha	MOO (ATT DA	V) is computed	ı.

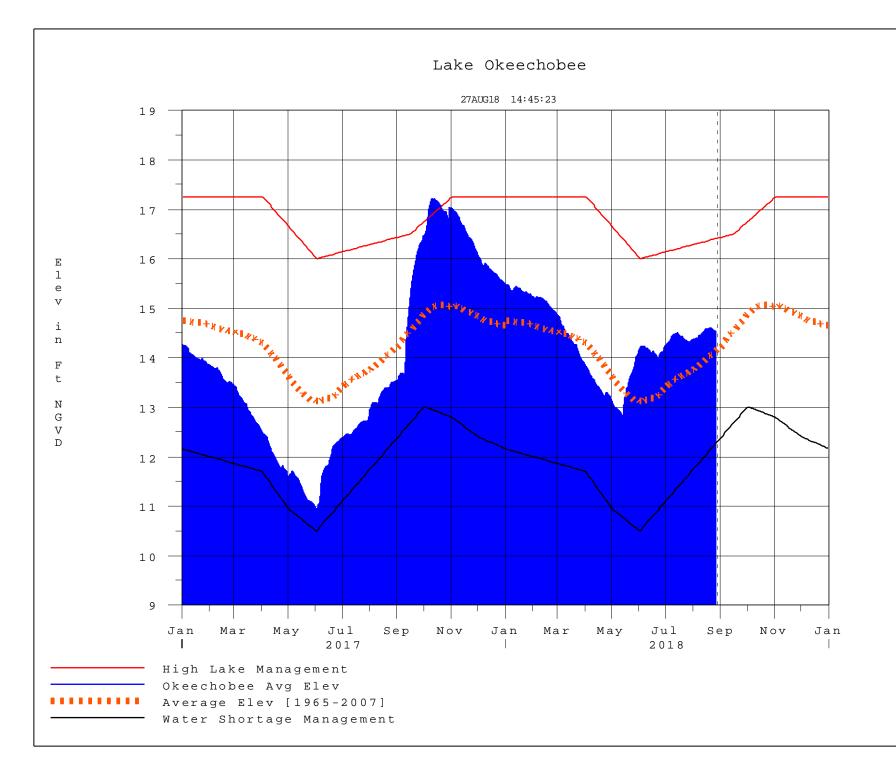
NOTE: Discharge (ALL DAY) is computed using Spillway, Sector Gate and Lockages Discharges from 0015 hrs to 2400 hrs.

(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 27AUG2018 @ 14:38 ** 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

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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