Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 8/21/2018 (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*}		SFWMD Empirical Method ²			ampling of O Years ³	Sub-sampling of AMO Warm + ENSO Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Aug- Jan)	N/A	N/A	2.22	Very Wet	3.01	Very Wet	1.93	Wet
Multi Seasonal (Aug- Apr)	N/A	N/A	2.58	Wet	3.59	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:

7067 cfs 14-day running average for Lake Okeechobee Net Inflow through 8/20/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

1.20 for Palmer Index on 8/19/2018.

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

The wetter of the two conditions above is Very Wet.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 8/21/2018

Lake Okeechobee Stage: 14.59 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

	ee Management	Bottom Elevation	Current
Zone/	Band	(feet, NGVD)	Lake Stage
High Lake Manage	ement Band	16.38	
	High sub-band	15.98	
Operational Band	Intermediate sub-band	15.56	
	Low sub-band	13.75	← 14.59
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	12.15	
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-77 Up to 4000 cfs & S-80 Up to 1800 cfs.

Back to Lake Okeechobee Operations Main Page

Back to U.S. Army Corps of Engineers Homepage

LORS2008 Implementation on 8/20/2018 (ENSO Neutral Condition):

Water Supply Risk Evaluation

Status for week ending 8/20/2018:

District wide, Raindar rainfall was 1.35 inches for the week. Lake stage on 8/20/2018 was 14.59 ft, NGVD, up 0.07 ft from last week.

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

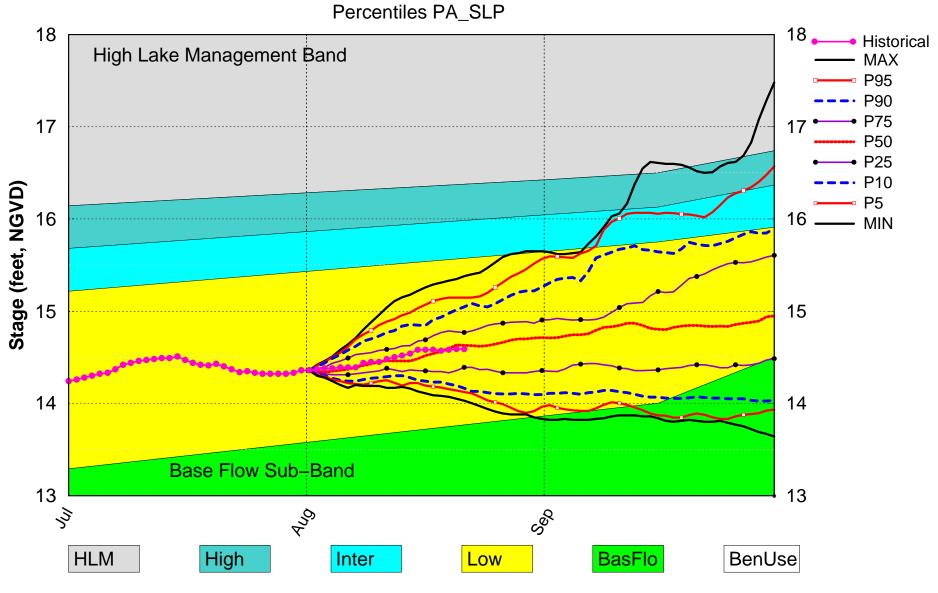
The 2008 LORS Tributary Hydrologic Condition (THC) is classified as **Very Wet**. The PDSI indicates normal conditions and the LONIN is very wet. The THC classification is based on the wetter of the two indices .

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	1.20 (Normal to Extremely Wet)	L
	CPC Presipitation 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	3.59 ft (Wet)	L
	WCA 1: Station Average (Site 1-7, Site 1-8T, Site 1-9)	Above Line 1 (16.28 ft)	L
WCAs	WCA 2A: Site 2-17	Above Line 1 (13.27 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.46 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

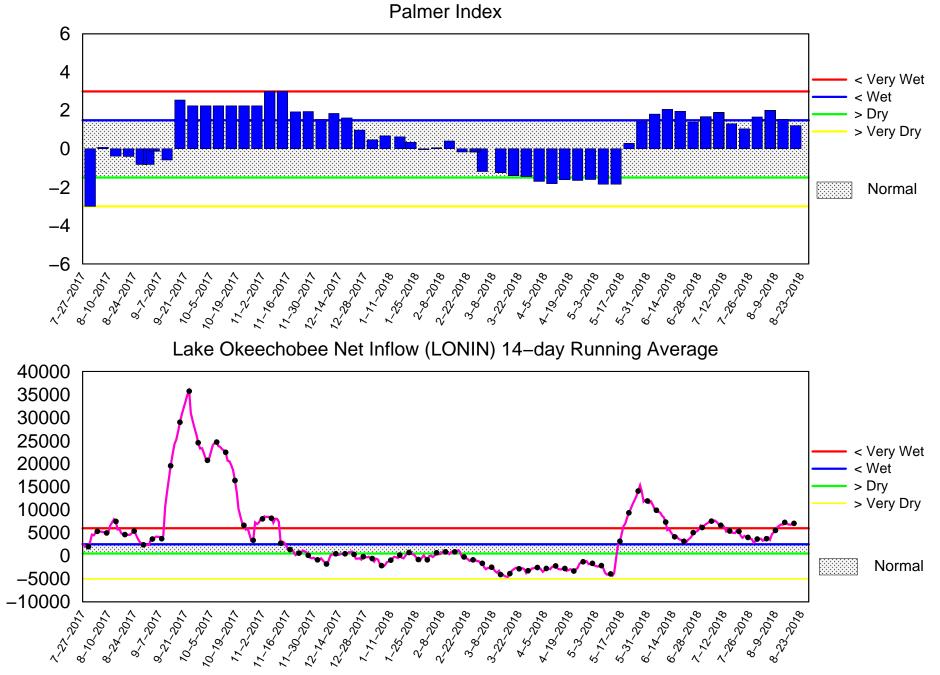
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Back to Lake Okeechobee Operations Main Page Back to U.S. Army Corps of Engineers Lake Okeechobee Homepage

Lake Okeechobee SFWMM Aug 2018 Position Analysis



(See assumptions on the Position Analysis Results website)



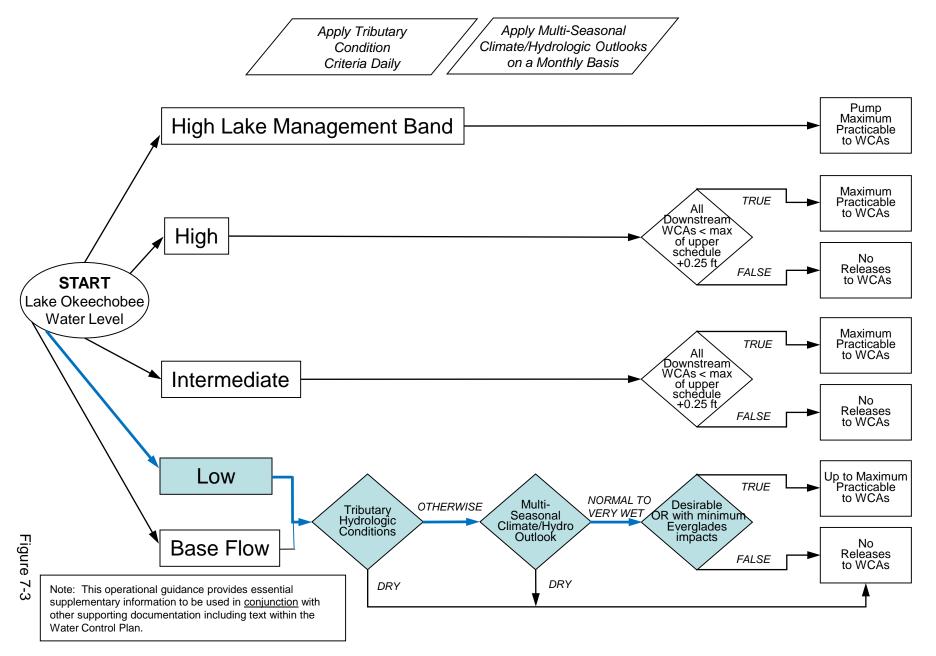
Tributary Basin Condition Indicators as of August 20 2018

Tue Aug 21 09:46:12 EDT 2018

Flow (cfs)

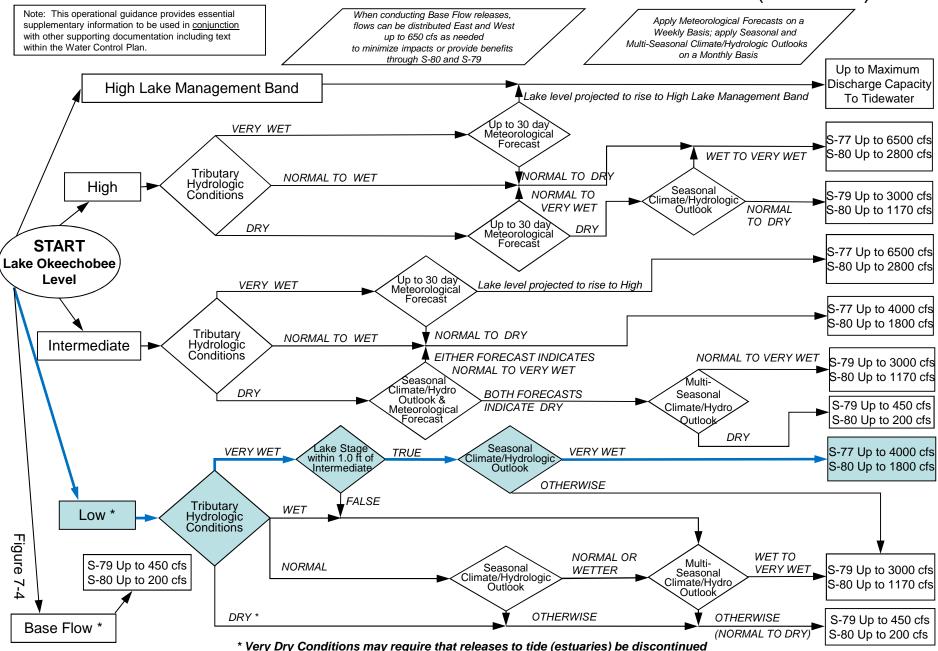
2008 LORS

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



2008 LORS

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



19.0 19.0 S-77 (max cfs) S-77 (6500 cfs) S-77 (4000 cfs) S-79 (3000 cfs) S-79 (3000 cfs) S-79 (450 cfs for 7 days) 14.59 ft, NGVD Startina: 19-Sep Starting: 17-Nov Starting: 1-Dec Starting: 7-Dec Starting: 13-Jul Starting: 31-Mar; 7-Apr 21-Aug-2018 S-79 (2000 cfs for 7 days) 18.0 18.0 S-79 (300 cfs for 7 days) /Starting: 22-Dec S-79 (1500 cfs for 7 days) Starting: 14,21,28-Apr; 5,12-May HIGH LAKE MANAGEMENT BAND Startina: 29-Dec <u>S-79 (3</u>75 cfs for 7 days) 17.0 HIGH 17.0 9, 26-May;2-Jun) cfs) S-79 (3000-cfs) INTERMEDIATE 9, 16, Starting: 22-May Max 11 16.0 S=77-(4000-cfs 16.0 ,28-Jul; Starting: 01-Jun 25-Aug LOW 79(3000 cfs) .75% 15.0 15.0 No Release from LOI Water Level (ft, NGVD) Starting:8-Jul 50% S-77 (4000 cfs) 14.0 14.0 Starting: 5-Sep Min **BASE FLOW** 13.0 13.0 WATER SHORTAGE -80 (1800 -80 (0 cfs for 7 days) MANAGEMENT Sep 5, 12-Jan 12.0 12.0 S-80(14-day avg S-80 (0 cfs for 7 days) **BENEFICIAL USE** LEGEND Starting: 29-Dec Lake Release Color Code S-80 (500 cfs for 7 days 11.0 11.0 Starting: 122-Dec S80 & S77 max practicable S-8071170 S-80 (1170 cfs) Starting 22 S80 < 2,800 cfs; S77 < 6,500 cfs Starting: 7-Dec S80 < 1,800 cfs; S77 < 4,000 cfs S-80(1800 cfs) S-80 (1800 cfs) 10.0 Starting: 1-Jun_ S80 < 1,170 cfs; S79 < 3000 cfs 10.0 Starting: 1-Dec S-80 (1170 cfs) Baseflow S80 <200 cfs; S79 < 450 cfs S-80 (1170 cfs) Starting: 27-Jul S-80 (2800 cfs) No Regulatory Release From Lake Starting: 22- May Starting: 17-Nov **Environmental WS Release** S-80 (1800 cfs) 9.0 9.0 $a\bar{x} c\bar{f}s$ **Regulatory Release to WCAs** Starting: 13-Jul 15-Sep 8.0 8.0 Jul-2017 Jul-2018 Jan-2017 Jan-2018 Jan-2019 LORS-2008 **Projected Stage Percentiles From**

Lake Okeechobee Water Level History and Projected Stages

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 20 AUG 2018

Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) *Okeechobee Lake Elevation 14.59 13.39 14.75 (Official Elv) Bottom of High Lake Mngmt= 16.38 Top of Water Short Mngmt= 12.15 Currently in Operational Management Band

Simulated Average LORS2008 [1965-2000] 13.04 Difference from Average LORS2008 1.55

20AUG (1965-2007) Period of Record Average 14.05 Difference from POR Average 0.54

Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations

++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 8.53' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 6.73' Bridge Clearance = 49.04'

4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values):

L001 L005 L006 LZ40 S4 S352 S308 S133 14.56 14.65 14.60 14.58 14.60 14.72 14.49 14.54

*Combination Okeechobee Avg-Daily Lake Average = 14.59 (*See Note)

Okeechobee Inflo	ws (cfs):				
S65E	0	S65EX1	3939	Fisheating Cr	391
S154	0	S191	122	S135 Pumps	0
S84	0	S133 Pumps	71	S2 Pumps	0
S84X	484	S127 Pumps	0	S3 Pumps	0
S71	119	S129 Pumps	38	S4 Pumps	0
S72	33	S131 Pumps	0	C5	0
Total Inflows:	5196				
Okeechobee Outfl	ows (cfs):				
S135 Culverts	0	S354	749	S77	-NR-
S127 Culverts	0	S351	395	S308	752
S129 Culverts	0	S352	1		
S131 Culverts	0	L8 Canal Pt	-1		
Total Outflows:	No Report	: Due To Missing	577 or	S308 Discharge Da	ta

****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-NR-S3081.59Average Pan Evap x 0.75 Pan Coefficient =-NR-" =-NR-'Lake Average Precipitation using NEXRAD: =-NR-" =-NR-'Evaporation - Precipitation:=-NR-" =-NR-'Evaporation - Precipitation using Lake Area of 730 square milesis equal to-NR-Lake Okeechobee (Change in Storage) Flow is0 cfs or0 AC-FT

	Headwater	Tailwater				- Gat	te 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)	(ft)
		(I) see n	ote at	bott	om				
North East S	hore									
S133 Pumps	: 13.29	14.41	71	43	0	0	0	31	(cfs)	
S193:										
S191:	18.62	14.41	122	0.0	0.0	0.5				
S135 Pumps	: 13.52	14.45	0	0	0	0	0		(cfs)	
S135 Culve			0	0.0	0.0				. ,	
North West S	hore									
S65E:	21.02	14.43	0	0.0	0.0	0.0	0.0	0.0	0.0	
S65EX1:	21.02	14.43	3939							
S127 Pumps		14.53	0	0	0	0	0	0	(cfs)	
S127 Culve			0	0.0					(/	
S129 Pumps	: 12.78	14.57	38	0	37	0			(cfs)	
S129 Culve			0	0.0		-			()	
0111 00110			· ·							
S131 Pumps	: 12.87	14.59	0	0	0				(cfs)	
S131 Culve			0	· ·	•				(0.0)	
0101 00110			· ·							
Fisheating	Creek									
nr Palmd		32.18	391							
nr Lakep		52.10	<u> </u>							
C5:	01 0	-NR-	0	-NR	NR	NF	2_			
CJ.		- NIX -	0	- 1 1 1	INI-	(INI	\ -			
South Shore										
S4 Pumps:	11.74	14.59	0	0	0	0			(cfs)	
S169:	14.65	11.74	0	0.0	0.0	0.0			((13)	
S3105.	14.05	11.74	-7	0.0	0.0	0.0				
S3 Pumps:	10.30	14.65	- / 0	0	0	0			(cfc)	
S354:	14.65	10.30	749	1.0	1.0	0			(cfs)	
	9.91	14.60	749 0	1.0	1.0	0	0		(cfs)	
S2 Pumps: S351:	9.91 14.60	9.91	8 395	-	0.0	0 0.0	0		((15)	
S351: S352:	14.60	10.18		0.0	0.0 0.0	0.0				
C10A:	14.74 -NR-		1	0.0 8.0	0.0 8.0		0	2 0	0.0	
		14.51 14.34	1	0.0	0.6	, Ö	.0 0	9.0	0.0	
L8 Canal P	I	14.34	-1							

S351: 9.91 14.60 395 -NR--NR--NR--NR--NR-S352: 10.18 14.74 1 -NR--NR--NR--NR-10.30 14.65 749 -NR--NR--NR-S354: Caloosahatchee River (S77, S78, S79) S47B: 12.25 12.15 0.0 0.0 S47D: 11.36 11.36 10 6.5 S77: Spillway and Sector Flow: ***** 11.25 0.0 2.5 2.5 0.0 14.56 Flow Due to Lockages+: -NR-S77 Below USGS Flow Gage 1244 S78: Spillway and Sector Flow: 11.15 3.03 1602 0.0 2.5 2.5 0.0 Flow Due to Lockages+: 2 S79: Spillway and Sector Flow: 2.0 2.0 2.0 2.0 2.0 2.0 1.0 0.0 3.13 1.31 3338 Flow Due to Lockages+: 2 Percent of flow from S77 33% Chloride 43 (ppm) St. Lucie Canal (S308, S80) S308: Spillway and Sector Flow: 14.50 14.46 752.00 4.5 4.5 4.5 4.5 Flow Due to Lockages+: 0 S308 Below USGS Flow Gage 840 S153: 18.66 14.28 111 0.4 0.1 580: Spillway and Sector Flow: 14.41 0.41 957 0.0 0.0 0.0 0.0 0.5 0.0 3.0 Flow Due to Lockages+: 6 Percent of flow from S308 79% (mg/ml) **** Steele Point Top Salinity Steele Point Bottom Salinity (mg/ml) **** Speedy Point Top Salinity (mg/ml) 9024 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	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:	11.62	11.69	12.20	306	2
S78:	1.36	2.07	2.72	52	2
S79:	0.22	0.31	1.20	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:	0.49	0.53	0.53	60	1
S80:	0.00	0.00	0.00	137	1
Okeechobee Average	6.05	0.94	0.98		
(Sites S78, S79 and	S80 not in	cluded)			
Oke Nexrad Basin Avg	- NR -	0.40	0.70		

Okeechobee Lake Elevations	20 AUG 2018	14.59 Difference	e from 20AUG18
20AUG18 -1 Day =	19 AUG 2018	14.59	0.00
20AUG18 -2 Days =	18 AUG 2018	14.58	-0.01
20AUG18 -3 Days =	17 AUG 2018	14.57	-0.02
20AUG18 -4 Days =	16 AUG 2018	14.58	-0.01
20AUG18 -5 Days =	15 AUG 2018	14.58	-0.01
20AUG18 -6 Days =	14 AUG 2018	14.58	-0.01
20AUG18 -7 Days =	13 AUG 2018	14.54	-0.05
20AUG18 -30 Days =	21 JUL 2018	14.37	-0.22
20AUG18 -1 Year =	20 AUG 2017	13.39	-1.20
20AUG18 -2 Year =	20 AUG 2016	14.75	0.16

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 4.43

					(1.01)		
	•			Net Inflo	•		-1.
		erage Flow		•	-		FTOM
20AUG18	Today =		UG 2018		TUE	2987	
20AUG18	-1 Day =	19 A	UG 2018	6985	MON	4942	
20AUG18	-2 Days =	18 A	UG 2018	6766	SUN	5418	
20AUG18	-3 Days =	17 A	UG 2018	6694	SAT	1583	
20AUG18	-4 Days =	16 A	UG 2018	6802	FRI	3482	
20AUG18	-5 Days =	15 A	UG 2018	6980	THU	3156	
20AUG18	-6 Days =	14 A	UG 2018	7185	WED	10461	
20AUG18	-7 Days =	13 A	UG 2018	6644	TUE	7625	
20AUG18			UG 2018		MON	7287	
20AUG18	-	11 A	UG 2018	6424	SUN	7936	
	-10 Days =		UG 2018			11906	
	-11 Days =		UG 2018			6043	
	-12 Days =					8682	
	-13 Days =			4426	WED	16673	
			S65E				
		Average F	low over	previous	14 days	Avg-Daily	Flow
20AUG18	Today=	-	UG 2018	. 0	TUE	i o	
20AUG18	-1 Day =		UG 2018	0	MON	i 0	
20AUG18	-	18 A		0		0	

20AUG18 -	3 Days =	17 AUC	5 2018	0	SAT	0
20AUG18 -	4 Days =	16 AUC	G 2018	0	FRI	0
20AUG18 -	5 Days =	15 AU(G 2018	0	THU	0
20AUG18 -	6 Days =	14 AU0	G 2018	0	WED	0
20AUG18 -	-	13 AU	G 2018	0	TUE	j 0
	8 Days =	12 AU	G 2018	0	MON	j 0
20AUG18 -			G 2018	0	SUN	j 0
20AUG18 -1			G 2018	0	SAT	j 0
20AUG18 -1			5 2018		FRI	j 0
20AUG18 -1	-		5 2018		THU	0
20AUG18 -1			G 2018	0	WED	0
			565EX1	nnovious	14 dave	Avg Daily Flow
20AUG18	Today-	Average Flo	5 2018	4514	TUE	Avg-Daily Flow
	Today=				MON	
	1 Day =		5 2018 - 2018	4586		4102
	2 Days =		5 2018 - 2018	4651	SUN	3947
	3 Days =		5 2018 2018	4727	SAT	4070
	4 Days =		G 2018	4795	FRI	4199
	5 Days =		5 2018	4836	THU	4416
	6 Days =		5 2018	4847	WED	4707
	7 Days =		G 2018	4808	TUE	4878
	8 Days =		5 2018	4729	MON	4844
	9 Days =		5 2018	4597	SUN	4867
20AUG18 -1	-		5 2018	4434	SAT	4817
20AUG18 -1	-		5 2018	4252	FRI	4789
20AUG18 -1	-		5 2018	4073	THU	4783
20AUG18 -1	3 Days =	07 AU(5 2018	3885	WED	4832
Lake Okeechob	ee Outlets	s Last 14 Da	ays			
		elow S-77	S-78	S-7		
	-	ischarge [
•	•	• •	(ALL DA)	• •	•	
		(AC-FT)				
20 AUG 2018	- NR -	2467	3182			
19 AUG 2018	1792	2171	3204		56	
18 AUG 2018	1794	2117	3229			
17 AUG 2018	1791	2183	3181	L 71	54	
16 AUG 2018	1956	2150	3187	7 66	58	
15 AUG 2018	1507	1524	3175	5 64	08	
14 AUG 2018	636	1497	3219	80	00	
13 AUG 2018	2562	2632	3168	3 68	27	
12 AUG 2018	2823	2633	3229		24	
11 AUG 2018	2778	2662	3473	62	44	
10 400 2010	2000	2200	2526		47	

	S-310	S-351	S-352	S-354	L8 Canal Pt
	Discharge	Discharge	Discharge	Discharge	Discharge
	(ALL DAY)				
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
AUG 2018	8 -14	783	3	1279	-2
AUG 2018	3 11	1851	190	1533	1
AUG 2018	8 75	2094	605	1224	2

10 AUG 2018

09 AUG 2018

08 AUG 2018

07 AUG 2018

17 A	UG 2018	38	1857	591	771	15
16 A	UG 2018	51	1303	230	173	-2
15 A	UG 2018	71	811	0	748	-134
14 A	UG 2018	5	748	36	399	-68
13 A	UG 2018	19	1912	581	492	-15
12 A	UG 2018	20	2256	460	436	-62
11 A	UG 2018	-13	2232	293	1053	-16
10 A	UG 2018	12	2423	781	1717	-6
09 A	UG 2018	54	2429	831	1666	-7
08 A	UG 2018	110	2376	0	904	10
07 A	UG 2018	70	1985	0	559	3

			S-308	Below S-308	S-80
			Discharge	Discharge	Discharge
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)
	DATE	3	(AC-FT)	(AC-FT)	(AC-FT)
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
12	AUG	2018	3	180	1048
11	AUG	2018	666	701	2127
10	AUG	2018	2403	2488	3087
09	AUG	2018	2706	2548	3387
08	AUG	2018	4435	4004	3789
07	AUG	2018	2930	3128	3555

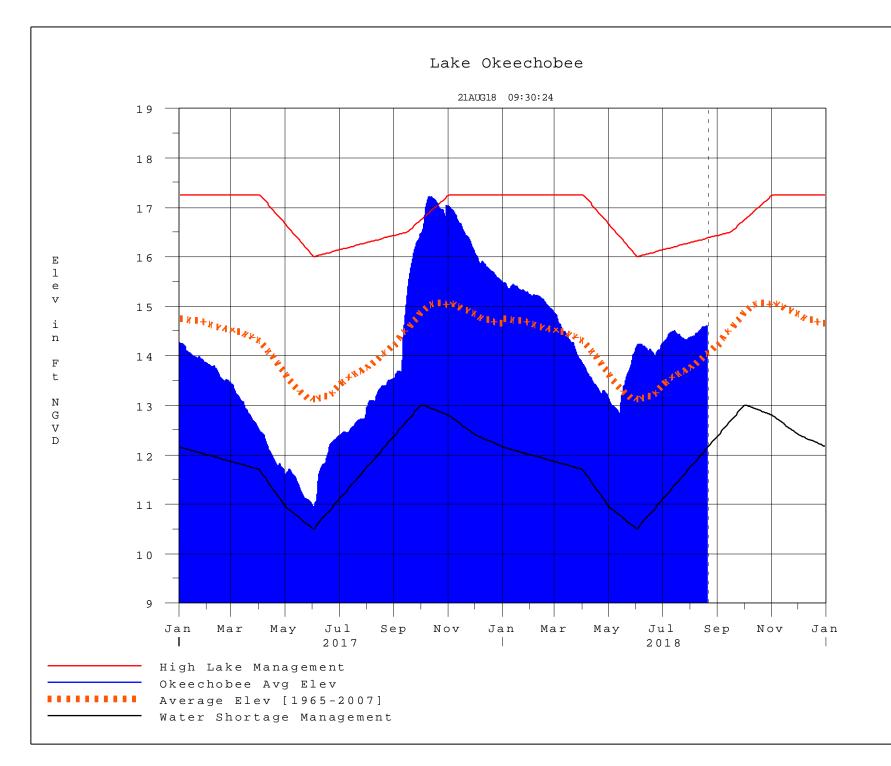
^{***} NOTE: Discharge (ALL DAY) is computed using Spillway, Sector Gate and Lockages Discharges from 0015 hrs to 2400 hrs.

(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

\$ For information regarding Lake Okeechobee Service Area water restrictions please refer to www.sfwmd.gov

Report Generated 21AUG2018 @ 09:39 ** 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 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