# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 09/26/2022 (ENSO Condition: La Niña)

#### 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 La Niña years<sup>3</sup> and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with La Niña 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	Croley	Croley's Method <sup>1*</sup>		SFWMD Empirical Method <sup>2</sup>		Sub-sampling of La Niña ENSO Years <sup>3</sup>		Sub-sampling of AMO Warm + La Niña ENSO Years⁴	
	Value (ft)	Condition	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	
Current (Sep-Feb)	N/A	N/A	1.30	Normal	1.11	Normal	1.02	Normal	
Multi Seasonal (Sep-Apr)	N/A	N/A	1.49	Normal	1.01	Dry	0.78	Dry	

\*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:

**7539 cfs** 14-day running average for Lake Okeechobee Net Inflow through 09/26/2022. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

-3.02 for Palmer Drought Index on 09/24/2022.

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

The wetter of the two conditions above is Very Wet.

### LORS2008 Classification Tables:

#### Lake Okeechobee Stage on 09/26/2022:

Lake Okeechobee Stage: 13.11 feet

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	16.66	
	High sub-band	16.29	
Operational Band	Intermediate sub-band	15.86	
	Low sub-band	14.33	
Base Flow sub-band		12.92	← 13.11 ft
Beneficial Use sub	o-band	12.90	
Water Shortage M	lanagement Band		

#### Part C of LORS2008: Discharge to WCAs

No releases to WCAs.

#### Part D of LORS2008: Discharge to Tide

Up to 450 cfs at S-79 and up to 200 cfs at S-80.

#### Lake Okeechobee Releases to the Caloosahatchee Estuary for 2008 LORS Baseflow & for Environmental Water Supply

Guidance for Lake Okeechobee Releases to the Caloosahatchee Estuary indicates no S77 release to the Caloosahatchee Estuary unless the Governing Board recommends otherwise.

## LORS2008 Implementation on 09/26/2022 (ENSO Condition- La Niña Watch)\*: Status for week ending 09/26/2022:

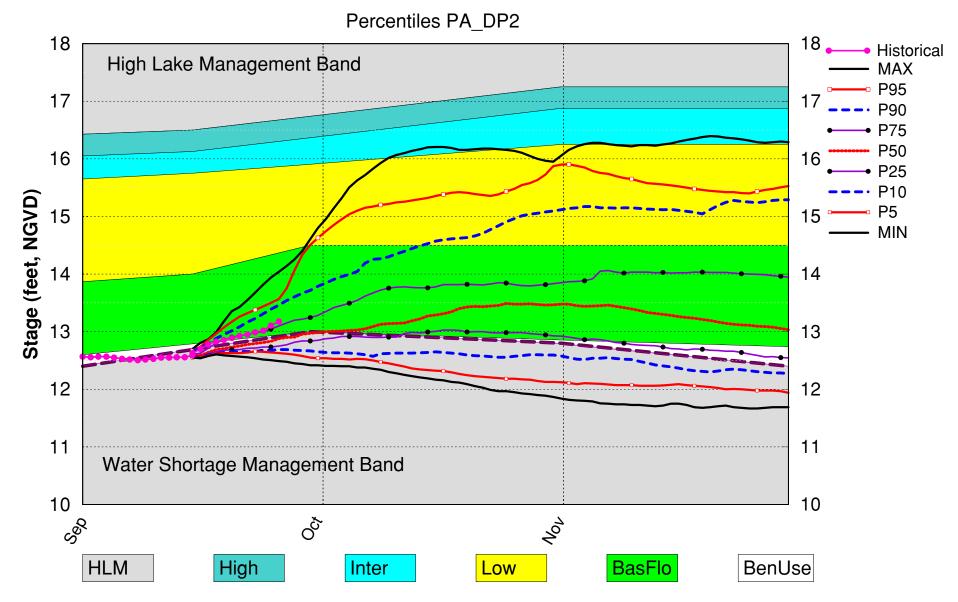
#### Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Base Flow Sub-band	М
	Palmer Drought Index for LOK Tributary Conditions	-3.02 (Extremely Dry)	н
	CPC Precipitation Outlook	1 month: Normal	L
LOK	CFC Frecipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Outlook	1.11 ft	1
	ENSO Forecast	Normal to Extremely Wet	-
	LOK Multi-Seasonal Net Inflow Outlook	1.01 ft	
	ENSO Forecast	Dry	Н
	WCA 1: 3 Station Average (Sites 1-7, 1-8T, 1-9)	Above Line 1 (16.80 ft)	L
WCAs	WCA 2A: Site 2-17	Above Line 1 (12.94 ft)	L
	WCA-3A: 3 Station Average (Sites 63, 64, and 65)	Above Line 1 (9.81 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.

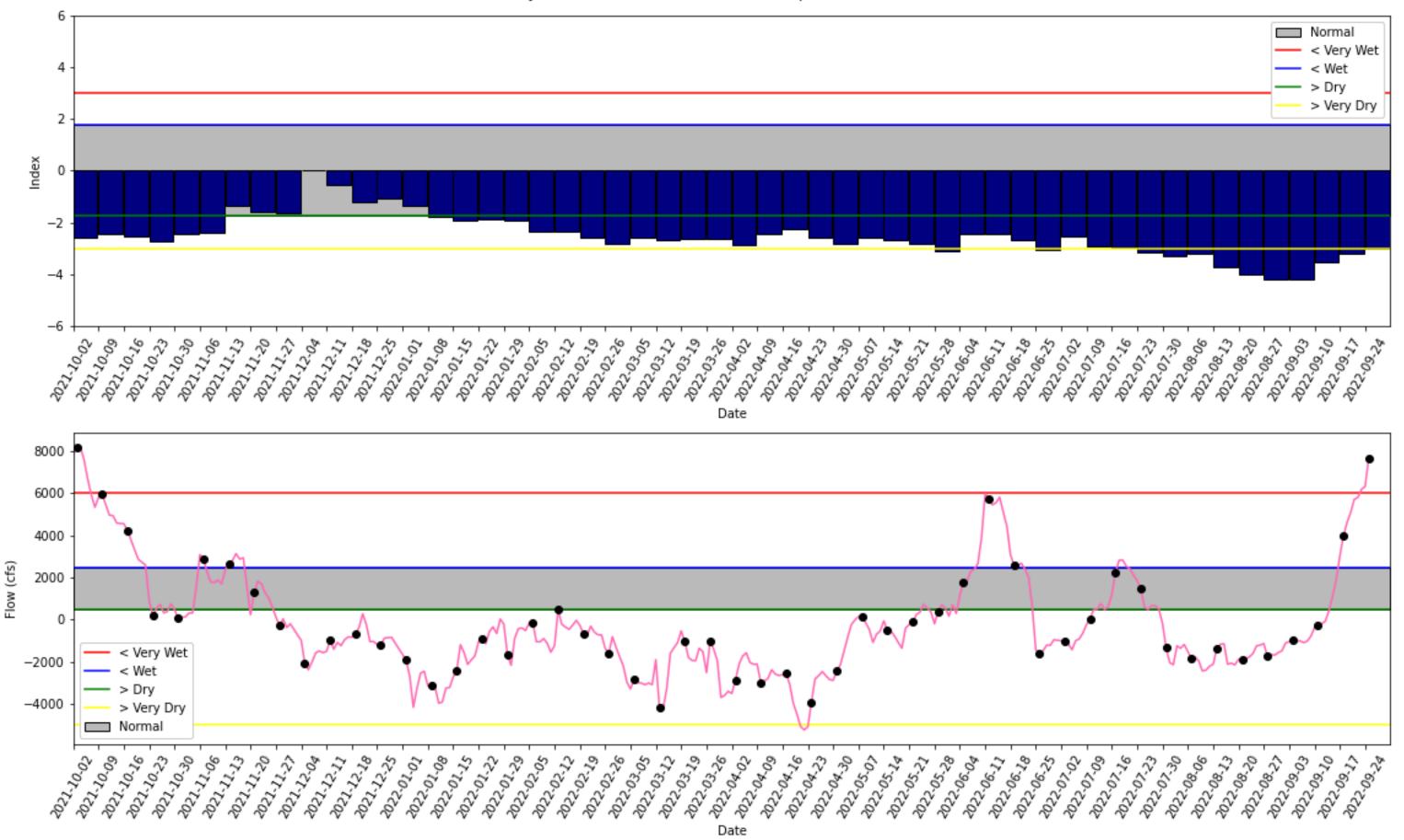
\*- some flow data at S80 is missing from Sep 4, 2022 and was assumed to be zero

### Lake Okeechobee SFWMM Sep Mid–Mon 2022 Position Analysis



(See assumptions on the Position Analysis Results website)

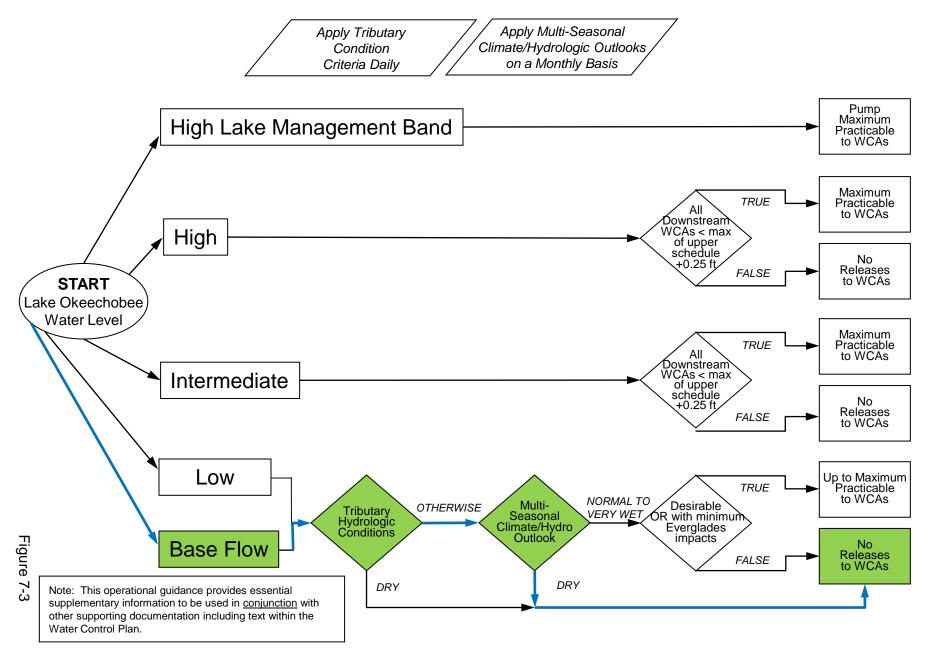
Tue Sep 27 8:12:29 2022



Tributary Basin Condition Indicators as of September 25 2022

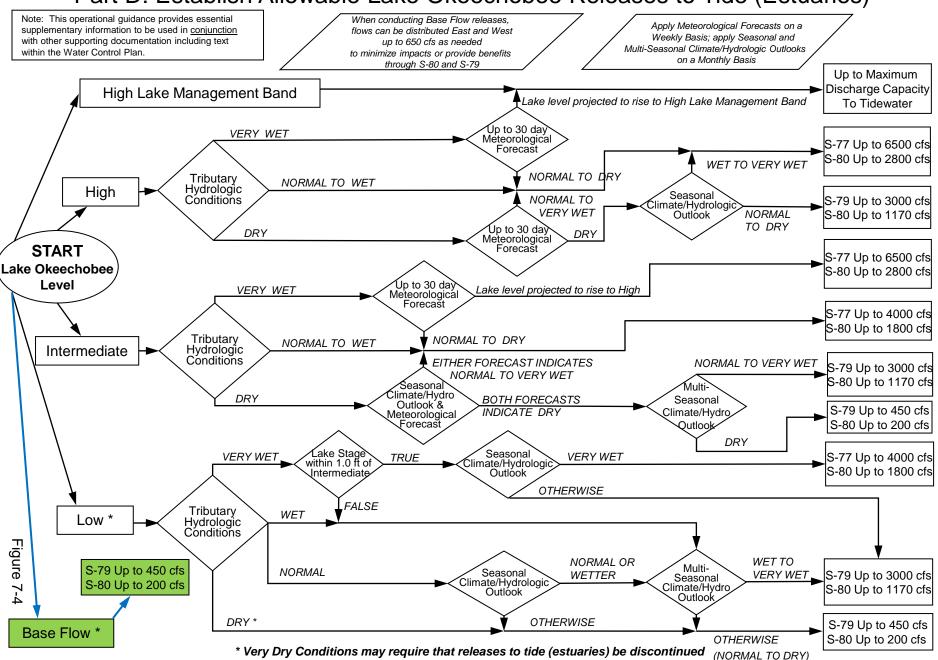
### 2008 LORS

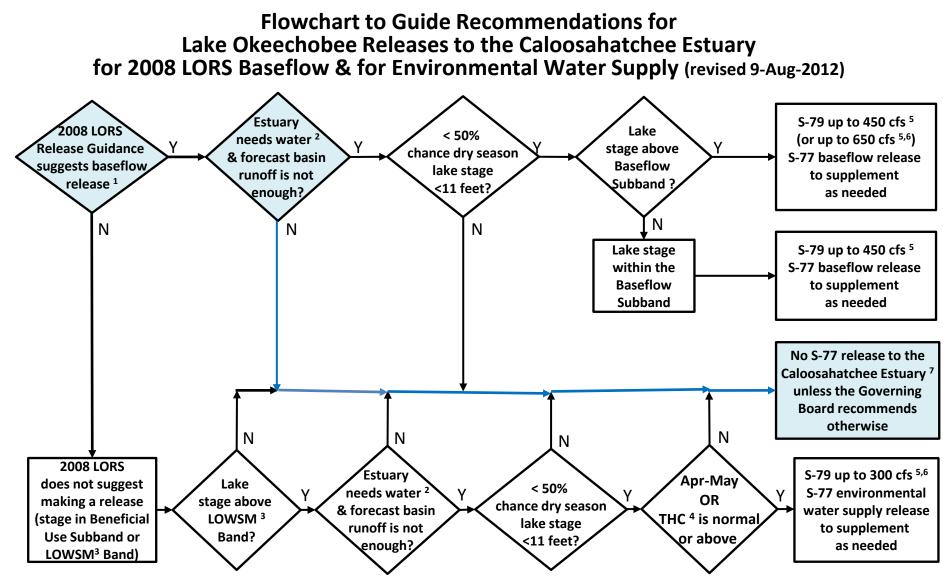
### Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



### 2008 LORS

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





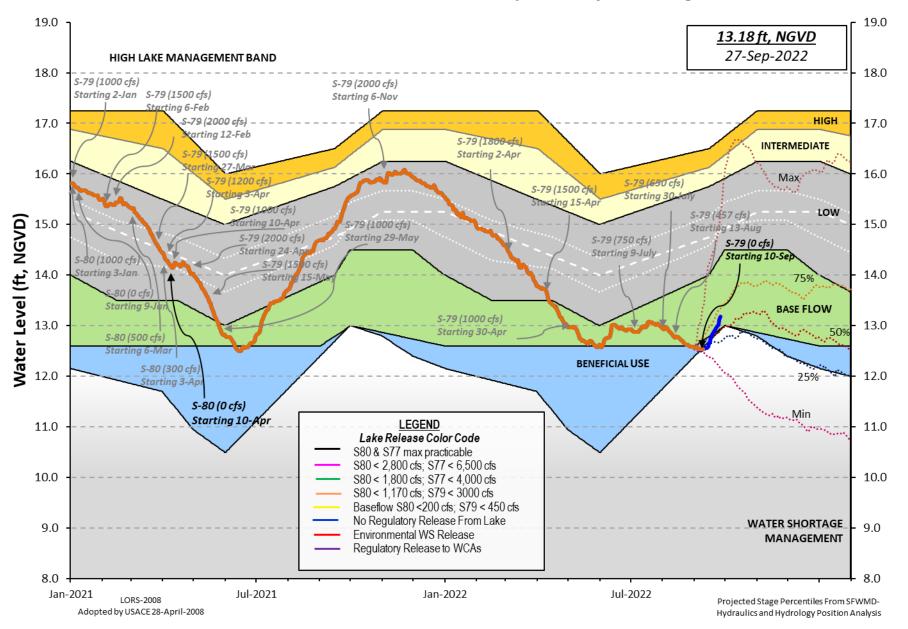
<sup>1</sup>The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands.

<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



U. S. Army Corps of Engineers, Jacksonville District Lake Okeechobee and Vicinity Report \*\* Preliminary Data - Subject to Revision \*\* Data Ending 2400 hours 25 SEP 2022 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) \*Okeechobee Lake Elevation 13.11 15.39 15.33 (Official Elv) Bottom of High Lake Mngmt= 16.66 Top of Water Short Mngmt= 12.90 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 13.67 Difference from Average LORS2008 -0.56 25SEP (1965-2007) Period of Record Average 14.75 Difference from POR Average -1.64 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 � 7.05' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 � 5.25' Bridge Clearance = 49.42' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S308 S133 S352 -NR-13.13 13.08 13.12 13.15 13.23 13.01 13.04 \*Combination Okeechobee Avg-Daily Lake Average = 13.11 (\*See Note) Okeechobee Inflows (cfs): S65E 3933 S65EX1 0 Fisheating Cr 1736 S154 S191 202 S135 Pumps 32 0 2293 S133 Pumps S2 Pumps S84 0 0 S84X 523 S127 Pumps 0 S3 Pumps 0 S71 331 S129 Pumps 25 S4 Pumps 0 S72 85 S131 Pumps 0 C5 0 Total Inflows: 9160 Okeechobee Outflows (cfs): S135 Culverts 169 S354 S77 -NR-0 S127 Culverts 0 S351 0 S308 -338 S129 Culverts 0 S352 0 L8 Canal Pt -NR-S131 Culverts 0 Total Outflows: No Report Due To Missing S77 or S308 Discharge Data \*\*\*\*S77 structure flow is being used to compute Total Outflow. \*\*\*\*S308 structure flow is being used to compute Total Outflow. Okeechobee Pan Evaporation (inches): -NR-S308 0.23 S77 Average 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 miles

\_\_\_\_

	Elevation		Disch (cfs)	#1 (ft)	#2 (ft)	#3 (ft)	#4	#5	ns #6 #7 #8 (ft) (ft) (ft)
Newth Feet Ch		(1	) see	note at	DOLL	.011			
North East Sh		42.44	•	•	•	•	•	•	
S133 Pumps:	13.25	13.11	0	0	0	0	0	0	(cfs)
S193:									
S191:	19.04	13.10	202	0.5	0.5	0.0			
S135 Pumps:	13.28	13.11	0	0	0	0	0		(cfs)
S135 Culver	ts:		169	4.5	4.5				
North West Sh	ore								
S65E:	21.20	13.34	3933	1.5	1.8	2.0	2.0	1.6	1.7
S65EX1:	21.20	13.34	0						
S127 Pumps:		13.10	0	0	0	0	0	0	(cfs)
S127 Culver			0	0.0	-	-	÷	-	()
512, 601761			Ũ	0.0					
S129 Pumps:	12 87	13.28	25	31	0	0			(cfs)
S129 Culver		13.20	25	0.0	0	0			((13)
SIZ9 CUIVER	ι.		0	0.0					
	12 07	12 40	0	0	~				(
S131 Pumps:		13.40	0	0	0				(cfs)
S131 Culver	t:		0						
Fisheating									
nr Palmda	le	33.53	1736						
nr Lakepo	rt								
C5:		-NR-	0	-NR	. – NR	RNR	- 1		
South Shore									
S4 Pumps:	13.07	- NR -	0	- NR -	-NR-	- NR -			(cfs)
S169:	13.04	13.07	-NR-		-NR-				(0.0)
S310:	13.04	13.07	12			NIX.			
		13.12	0	٥	٥	0			(afa)
S3 Pumps:	10.15			0	0	0			(cfs)
S354:	13.12	10.15	0	0.0		-	-		
S2 Pumps:	9.93	13.09	0	0	0	0	0		(cfs)
S351:	13.09	9.93	0	0.0		0.0			
S352:	13.26	9.81	0	0.0	0.0				
C10A:	-NR-	16.88		8.0	8.0	8.	0 0	0.0	0.0
L8 Canal PT		16.91	- NR -						
	S35:	1 and S352	Tempor	ary Pum	ips/S3	54 Sp	illwa	v	
			•		•	•		-	
S351:	9.93	13.09	0	-NR N	IR – – NR	NR-	-NR	NR -	
S352:	9.81	13.26	-	-NR N					
S354:	10.15	13.12	0	-NRN					
5554.	10.15	13.12	0	- 111 11	IIX INIX	(INI(-			
Calaasabatsha	o Bivon (		70)						
Caloosahatche	•		19)	<u> </u>	~ ~				
S47B:	13.09	10.99			0.0				
S47D:	11.02	11.02	66	5.0					
S77:									
Spillway	and Secto	r Preferred	Flow:						
-	12.94	10.86	0	0.0 0	.0 0	).0 e	.0		
Flow Due	to Lockage	es+:	-NR-						
	5								
670									

Spillway and Sector Flow: 10.92 1064 0.0 0.0 0.0 2.0 2.66 Flow Due to Lockages+: 11 S79: Spillway and Sector Flow: 5056 2.83 1.60 0.0 0.0 4.0 4.0 5.0 5.0 4.0 4.0 Flow Due to Lockages+: 5 Percent of flow from S77 0% Chloride (ppm) 0 St. Lucie Canal (S308, S80) S308: Spillway and Sector Preferred Flow: 13.05 14.08 -337 0.0 0.0 0.0 0.0 Flow Due to Lockages+: -1 S153: 18.98 14.18 51 0.0 0.5 S80: Spillway and Sector Flow: 14.39 2.80 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: -NR-Percent of flow from S308 NA % (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
aily Precipitation Totals	1-Day	3-Day	7-Day	Directio	n Speed
	(inches)	(inches)	(inches)	(Deg�)	(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:	17.23	17.32	17.39	159	4
S78:	0.09	0.09	0.11	145	3
S79:	18.28	18.60	19.21	2	1
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:	0.00	0.00	0.00	122	4
S80:	11.42	12.48	12.77	81	0
Okeechobee Average	8.61	1.33	1.34		
(Sites S78, S79 and	S80 not in	cluded)			
Oke Nexrad Basin Avg	 -NR-	0.00	0.00		

Okeechobee Lake Elevations	25 SEP 2022	13.11 Differer	nce from 25SEP22
25SEP22 -1 Day =	24 SEP 2022	13.02	-0.09

25SEP22								
	-2	Days	= 23	SEP	2022		12.99	-0.12
25SEP22		Days			2022		12.95	-0.16
25SEP22		Days			2022		12.93	-0.18
25SEP22		Days			2022		12.89	-0.22
25SEP22		Days			2022		12.86	-0.25
25SEP22		-			2022		12.83	-0.28
25SEP22		-			2022		12.61	-0.50
25SEP22		Year			2021		15.39	2.28
25SEP22					2020		15.33	2.22
ong Term M	lean	30day	Avearge E	T fo	r Lake	Alfred (]	Inches) =	-NR-
							w (LONIN)	
2565022	-		verage Flo					Avg-Daily Flow
25SEP22		Today			2022	7919		19058
25SEP22		Day			2022	6559		6201
25SEP22		Days			2022	6403		7865
25SEP22		Days			2022	5988		3933
25SEP22		Days			2022	5876	THU	7815
25SEP22		Days			2022	5222	WED	5748
25SEP22		Days			2022	4725	TUE	5748
25SEP22		-			2022	4074		9680
25SEP22		Days			2022	3118		15730
25SEP22		Days			2022	2004		13411
25SEP22		-			2022	1202		7714
25SEP22		-			2022	521	THU	5966
25SEP22		-			2022	-8	WED	25
25SEP22	-13	Days	= 12	SEP	2022	-130	TUE	1966
					65E			
						previous		Avg-Daily Flow
25SEP22		Today			2022	1551	MON	4245
25SEP22	-1	Day			2022	1262	SUN	3158
25SEP22		Days			2022	1050	SAT	2376
25SEP22	- 3	Days			2022	892	FRI	1860
					2022			
25SEP22		Days			2022	780	THU	1684
25SEP22 25SEP22	- 5	Days	= 20	SEP	2022	684	wed	1570
25SEP22	- 5	Days	= 20 = 19	SEP SEP	2022 2022	684	WED   TUE	
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7	Days Days Days	= 20 = 19 = 18	SEP SEP SEP	2022 2022 2022	684 596 521	WED   TUE   MON	1570 1406 1248
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8	Days Days Days Days	= 20 = 19 = 18 = 17	SEP SEP SEP SEP	2022 2022 2022 2022 2022	684 596 521 465	WED   TUE   MON   SUN	1570 1406 1248 1113
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8 -9	Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16	SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022	684 596 521 465 436	WED TUE MON SUN SAT	1570 1406 1248 1113 962
255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22	-5 -6 -7 -8 -9 -10	Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15	SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022	684 596 521 465 436 433	WED TUE MON SUN SAT FRI	1570 1406 1248 1113 962 823
255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22	-5 -6 -7 -8 -9 -10 -11	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14	SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445	WED   TUE   MON   SUN   SAT   FRI   THU	1570 1406 1248 1113 962 823 784
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12	Days Days Days Days Days Days Days Days	$\begin{array}{cccc} = & & 20 \\ = & & 19 \\ = & & 18 \\ = & & 17 \\ = & & 16 \\ = & & 15 \\ = & & 14 \\ = & & 13 \end{array}$	SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460	WED   TUE   MON   SUN   SAT   FRI   THU   WED	1570 1406 1248 1113 962 823 784 309
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12	Days Days Days Days Days Days Days Days	$\begin{array}{cccc} = & & 20 \\ = & & 19 \\ = & & 18 \\ = & & 17 \\ = & & 16 \\ = & & 15 \\ = & & 14 \\ = & & 13 \end{array}$	SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445	WED   TUE   MON   SUN   SAT   FRI   THU   WED	1570 1406 1248 1113 962 823 784
255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22	-5 -6 -7 -8 -9 -10 -11 -12	Days Days Days Days Days Days Days Days	$\begin{array}{cccc} = & & 20 \\ = & & 19 \\ = & & 18 \\ = & & 17 \\ = & & 16 \\ = & & 15 \\ = & & 14 \\ = & & 13 \end{array}$	SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460	WED   TUE   MON   SUN   SAT   FRI   THU   WED	1570 1406 1248 1113 962 823 784 309
255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22	-5 -6 -7 -8 -9 -10 -11 -12	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12	SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE	1570 1406 1248 1113 962 823 784 309 181
255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22 255EP22	-5 -6 -7 -8 -9 -10 -11 -12	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12	SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE	1570 1406 1248 1113 962 823 784 309
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average	SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE	1570 1406 1248 1113 962 823 784 309 181
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average 2 25	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average = 25 = 24	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13 -13	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average = 25 = 24 = 23	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON SUN	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0 0
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13 -13 -1 -2 -3	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average = 25 = 24 = 23 = 22	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0 0 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON SUN SAT	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0 0 0
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13 -13 -1 -2 -3 -4	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average 25 = 24 = 23 = 22 = 21	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0 0 0 0 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON SUN SUN SAT FRI FRI THU	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0 0 0 0 0
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13 -13 -1 -2 -3 -4 -5	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average 25 = 24 = 25 = 24 = 23 = 22 = 21 = 20	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0 0 0 0 0 0 0 0 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON SUN SAT FRI FRI THU WED	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13 -12 -13 -12 -13 -2 -3 -4 -5 -6	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average 25 = 24 = 25 = 24 = 23 = 22 = 21 = 20 = 19	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON SUN SAT FRI THU WED TUE	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13 -12 -13 -1 -2 -3 -4 -5 -6 -7	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average /= 25 = 24 = 23 = 22 = 21 = 20 = 19 = 18	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON   SUN   SUN   SAT   FRI   THU   WED   TUE   MON	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13 -12 -13 -12 -13 -2 -3 -4 -5 -6 -7 -8	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average /= 25 = 24 = 23 = 22 = 21 = 20 = 19 = 18 = 17	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON   SUN   SAT   FRI   THU   WED   TUE   THU   WED   TUE	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13 -12 -13 -12 -13 -2 -3 -4 -5 -6 -7 -8 -9 -9	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average /= 25 = 24 = 23 = 22 = 24 = 23 = 22 = 21 = 20 = 19 = 18 = 17 = 16 = 17 = 16 = 17 = 16 = 17 = 16 = 17 = 16 = 15 = 16 = 15 = 14 = 12 =	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON   SUN   SAT   FRI   THU   WED   TUE   THU   WED   TUE   SUN   SUN   SUN   SAT	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
25SEP22 25SEP22	-5 -6 -7 -8 -9 -10 -11 -12 -13 -13 -12 -13 -12 -3 -3 -4 -5 -6 -7 -8 -9 -10	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average = 25 = 24 = 23 = 22 = 24 = 23 = 22 = 21 = 20 = 19 = 18 = 17 = 16 = 15 = 14 = 12 = 15 = 15	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON   SUN   SAT   FRI   THU   WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
255EP22 255EP22	-5 -6 -7 -8 -9 -10 -11 -12 -13 -11 -12 -13 -11 -2 -3 -3 -4 -5 -6 -7 -8 -9 -10 -11 -2 -3 -1 -1 -12 -13 -11 -12 -13 -12 -13 -10 -11 -12 -13 -10 -11 -12 -13 -13 -12 -13 -13 -14 -12 -13 -14 -14 -14 -14 -14 -14 -14 -14 -14 -14	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average = 25 = 24 = 23 = 22 = 24 = 23 = 22 = 24 = 19 = 18 = 17 = 16 = 15 = 14 = 12 = 1	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON   SUN   SAT   FRI   THU   WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
255EP22 255EP22	-5 -6 -7 -8 -9 -10 -11 -12 -13 -13 -12 -13 -13 -12 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -12 -12 -13 -12 -12 -13 -12 -12 -12 -12 -12 -12 -12 -12 -12 -12	Days Days Days Days Days Days Days Days	= 20 = 19 = 18 = 17 = 16 = 15 = 14 = 13 = 12 Average = 25 = 24 = 23 = 22 = 21 = 20 = 19 = 18 = 17 = 16 = 15 = 14 = 15 = 14 = 13 = 12 = 12 = 14 = 15 = 14 = 13 = 12 = 14 = 15 = 14 = 15 = 14 = 15 = 14 = 15 = 14 = 15 = 14 = 12 = 18 = 17 = 16 = 15 = 14 = 14 = 17 = 18 = 17 = 14 = 17 = 18 = 17 = 14 = 17 = 14 = 15 = 14 = 13 = 14 = 13 = 14 = 1	SEP SEP SEP SEP SEP SEP SEP SEP SEP SEP	2022 2022 2022 2022 2022 2022 2022 202	684 596 521 465 436 433 445 460 497 previous 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE   14 days   MON   SUN   SAT   FRI   THU   WED   TUE   MON   SUN   SAT   FRI   THU   WED   TUE	1570 1406 1248 1113 962 823 784 309 181 Avg-Daily Flow 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

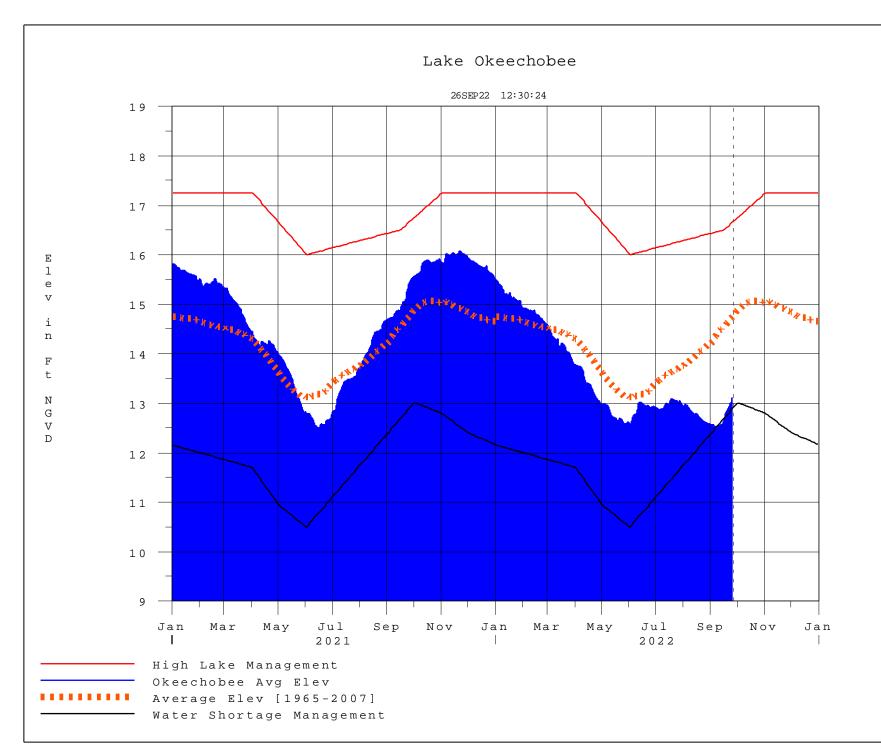
Lake Okeechobee Outlets Last 14 Days

DATE 25 SEP 2022 24 SEP 2022 23 SEP 2022 21 SEP 2022 20 SEP 2022 19 SEP 2022 19 SEP 2022 18 SEP 2022 17 SEP 2022 16 SEP 2022 15 SEP 2022 14 SEP 2022 13 SEP 2022 12 SEP 2022	2 2 3 1 0 1 2 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	Below S-77 Discharge (ALL-DAY) (AC-FT) -49 183 217 -14 297 444 430 181 33 -74 69 152 102 82	S-78 Discharge (ALL DAY) (AC-FT) 2084 3273 2695 3593 4337 4213 5010 5747 4865 2572 2009 1031 964 1473	S-79 Discharge (ALL DAY) (AC-FT) 10027 12466 12198 15100 15855 17166 18282 22869 12897 9184 7251 6600 5126 8022		
12 368 2022	. т	02	14/3	0022		
	S-310	S-351	S-352	S-354	L8 Canal Pt	
	Discharge (ALL DAY)	Discharge (ALL DAY)	Discharge (ALL DAY)	Discharge (ALL DAY)	Discharge (ALL DAY)	
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
25 SEP 2022		0	0	0	- NR -	
24 SEP 2022 23 SEP 2022	-	0	0 0	0	- NR - - NR -	
22 SEP 2022		0 0	0	0 0	-NR-	
21 SEP 2022		Ő	õ	Ő	-NR-	
20 SEP 2022		0	0	0	- NR -	
19 SEP 2022		0	0	0	-NR -	
18 SEP 2022		0	0	0	-NR-	
17 SEP 2022 16 SEP 2022		0 0	0 0	0 0	- NR - - NR -	
15 SEP 2022		0	ø	0 0	-NR-	
14 SEP 2022		0	0	0	- NR -	
13 SEP 2022		0	0	0	- NR -	
12 SEP 2022	-48	0	0	0	- NR -	
	S-308	Below S-30	8 S-80			
	Discharge	Discharge	Discharge			
5.475	(ALL DAY)	(ALL-DAY)	(ALL-DAY)	)		
DATE 25 SEP 2022	(AC-FT) 2 -646	(AC-FT) -NR-	(AC-FT) -NR-			
24 SEP 2022		-NR-	-NR-			
23 SEP 2022		- NR -	39			
22 SEP 2022		- NR -	14			
21 SEP 2022		-NR-	4			
20 SEP 2022 19 SEP 2022		- NR - - NR -	25 22			
18 SEP 2022		-NR-	25			
17 SEP 2022		- NR -	11			
16 SEP 2022		- NR -	15			
15 SEP 2022		-NR-	8 10			
14 SEP 2022 13 SEP 2022		- NR - - NR -	19 7			
12 SEP 2022		-NR-	- NR -			
*** NOTE:		arge (ALL DA ges Discharg			pillway, Sect 00 hrs.	or Gate and

\* 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 26SEP2022 @ 12:39 \*\* Preliminary Data - Subject to Revision \*\*



### **Classification Tables**

Supplemental Tables used in conjunction with the LORS2008 Release

Guidance Flow Charts

• <u>Class Limits for Tributary Hydrologic Conditions</u>

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