# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 08/31/2020 (ENSO Condition: La Niña Watch)

#### **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 Neutral years<sup>3</sup> and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with La Nina ENSO years<sup>4</sup>. The results for Croley's method and the SFWMD empirical method are based on the CPC Outlook.

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 <sup>1*</sup>		En	FWMD npirical ethod <sup>2</sup>	Neuti	ampling of ral ENSO ears <sup>3</sup>	AMO Neutr	ampling of Warm + al ENSO ears <sup>4</sup>
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Aug- Jan)	N/A	N/A	2.49	Very Wet	2.42	Very Wet	3.59	Very Wet
Multi Seasonal (Aug- Apr)	N/A	N/A	2.78	Wet	2.38	Normal	3.67	Wet

<sup>\*</sup>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:

**7138 cfs** 14-day running average for Lake Okeechobee Net Inflow through 08/31/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

**-1.20** for Palmer Drought Index on 08/29/2020. 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 08/31/2020:

Lake Okeechobee Stage: 14.29 feet

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	16.42	
	High sub-band	16.03	
Operational Band	Intermediate sub-band	15.64	
	Low sub-band	13.85	← 14.29 ft
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	12.36	
Water Shortage M	lanagement Band		

### Part C of LORS2008: Discharge to WCAs

Up to Maximum Practicable to the WCAs if desirable or with minimum Everglades impact; otherwise 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.

### LORS2008 Implementation on 08/31/2020 (ENSO Condition- La Nina Watch):

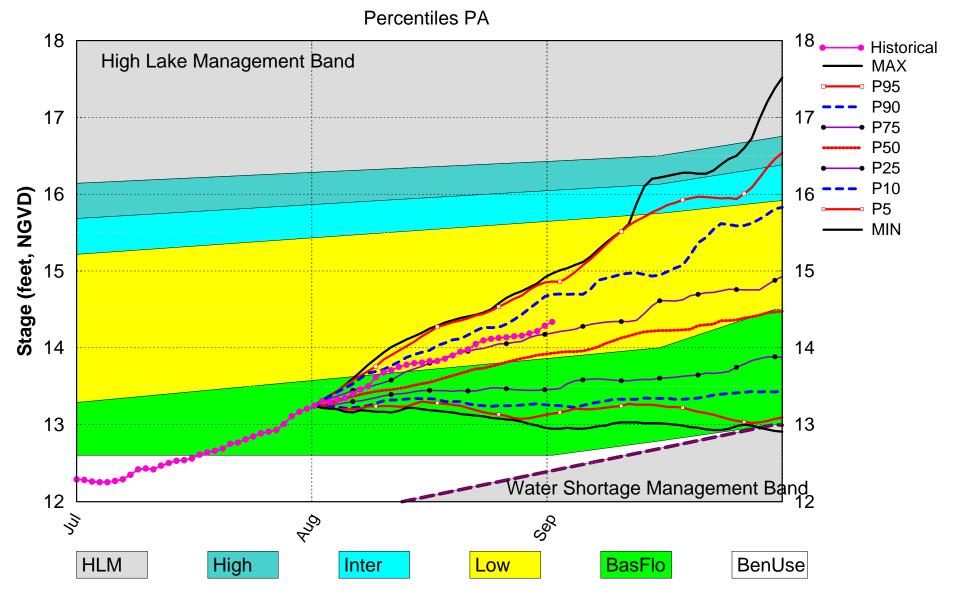
#### Status for week ending 8/31/2020:

**Water Supply Risk Evaluation** 

Area	Indicator	Value	Color Coded Scoring Scheme
LOK	Projected LOK Stage for the next two months	Low Sub-band	L
	Palmer Drought Index for LOK Tributary Conditions	-1.20 (Dry)	M
	CPC Precipitation Outlook	1 month: Above Normal	L
	Of O Fredipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook	2.42 ft	
	ENSO Forecast (positive)	_	
	LOK Multi-Seasonal Net Inflow Outlook	M	
	ENSO Forecast (positive)	Normal	IVI
	WCA 1: 3 Station Average (Site 1-7, 1-8T and 1-9)	Above Line 1 (17.07 ft)	L
WCAs	WCA 2A: Site 2-17	Above Line 1 (12.30 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.63 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

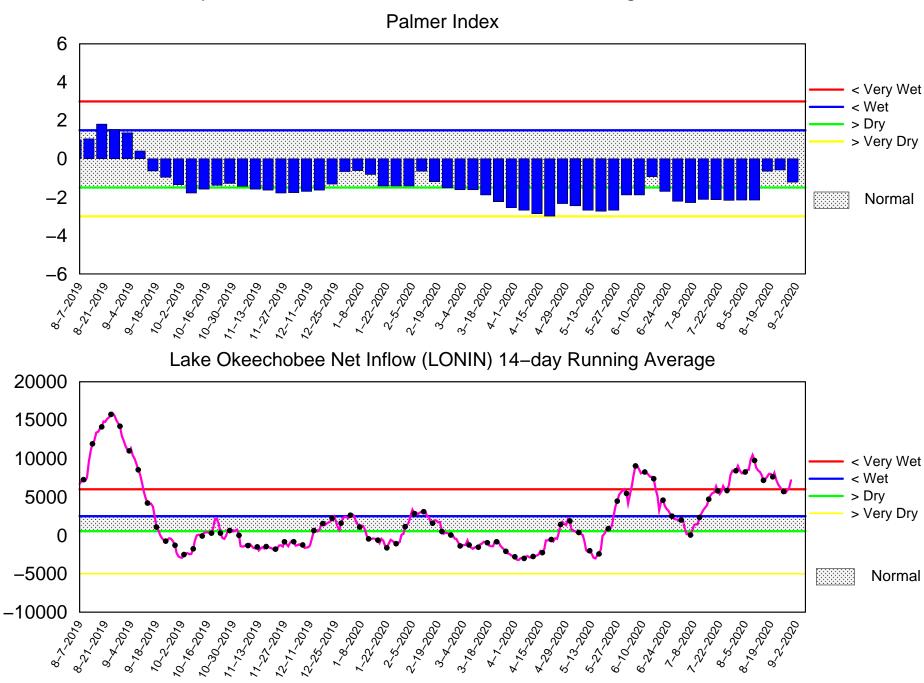
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

# Lake Okeechobee SFWMM Aug 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

# Tributary Basin Condition Indicators as of August 31 2020

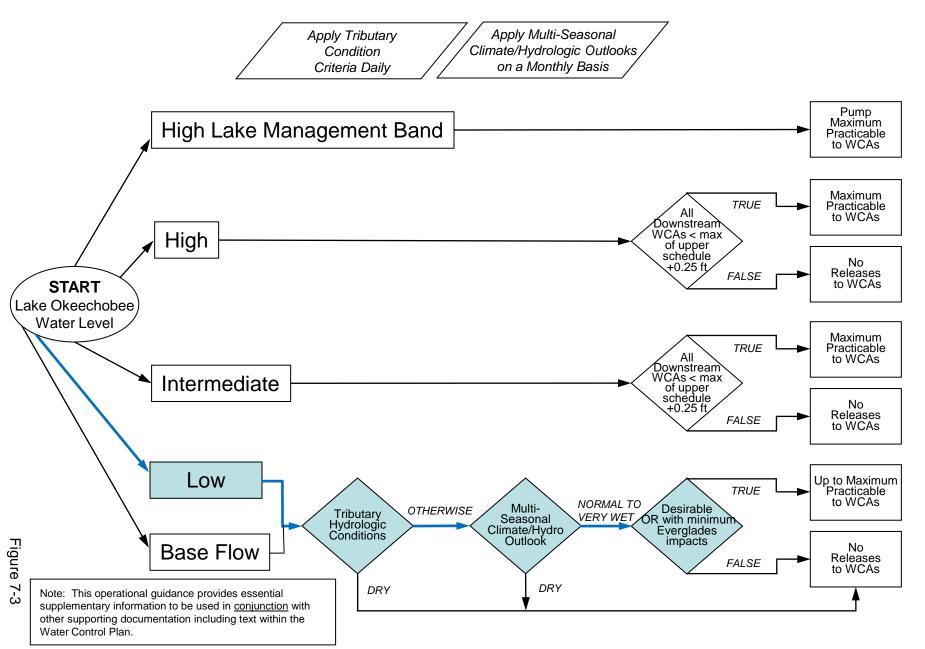


Mon Aug 31 19:50:36 EDT 2020

Flow (cfs)

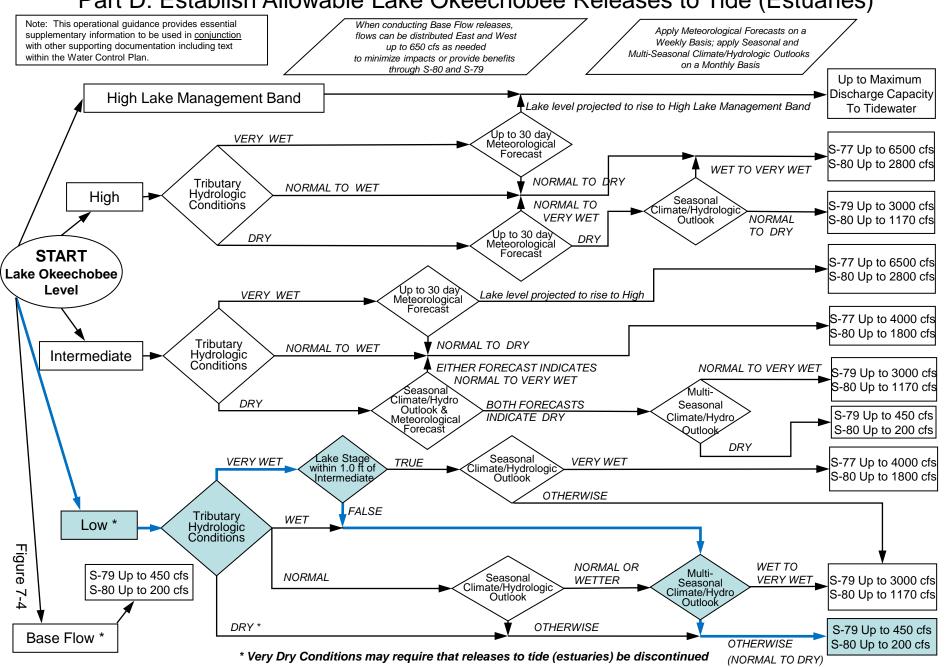
## **2008 LORS**

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

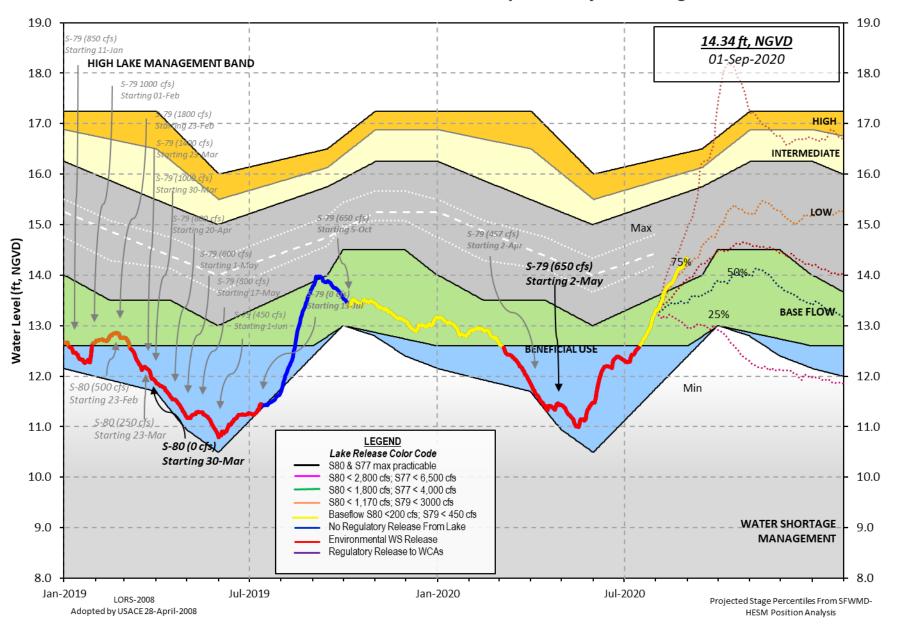


### **2008 LORS**

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



### **Lake Okeechobee Water Level History and Projected Stages**



# 

Data Ending 2400 hours 30 AUG 2020

Okeechobee Lake	Regulatio			Year 2YRS Ago GVD) (ft-NGVD)	
*0keechobee La	ke Eleva				fficial Elv)
Bottom of High	Lake Mn	gmt= 16.42 Top	of Water S		
		al Management Ba		J	
Simulated Aver Difference fro		2008 [1965-2000] e LORS2008	13.20 1.09		
30AUG (1965-20 Difference fro		od of Record Ave erage	_	1.20 .09	
Today Lake Oke	echobee (	elevation is det	ermined fr	om the 4 Int &	4 Edge statio
	epth (Bas	sed on 2007 Chan sed on 2008 Chan 52'			
4 Interior and 4	Edge Ok	eechobee Lake Av	erage (Av	g-Daily values)	:
L001 L005	L006 L	Z40 S4 S35	2 5200	S133	
14.31 14.31		4.26		3133 4 14.25	
14.31 14.31	14,29 14	+.20 1 <del>+</del> .25 1+.	72 17.7	+ 14.23	
14.31 14.31	14.29 14	1.20 14.25 14.	72 17.7	+ 14.23	
		Avg-Daily Lake			
				= 14.29	
*Combination Ok	eechobee	Avg-Daily Lake		= 14.29	
*Combination Ok  Okeechobee Inflo	eechobee ws (cfs)	Avg-Daily Lake	Average =	= 14.29 (*See Note)	
*Combination Ok  Okeechobee Inflo S65E	eechobee	Avg-Daily Lake : S65EX1	Average =	= 14.29 (*See Note) ————————————————————————————————————	r 150 0
*Combination Ok	eechobee ws (cfs) 2896 16	Avg-Daily Lake  : S65EX1 S191	Average = 1503 0	= 14.29 (*See Note) Fisheating C S135 Pumps	
*Combination Ok  Okeechobee Inflo S65E S154	eechobee ws (cfs) 2896	Avg-Daily Lake  :     S65EX1     S191     S133 Pumps	Average = 1503	= 14.29 (*See Note) Fisheating C S135 Pumps S2 Pumps	0
*Combination Ok  Okeechobee Inflo S65E S154 S84	eechobee ws (cfs) 2896 16 808	Avg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps	Average = 1503 0	= 14.29 (*See Note) Fisheating C S135 Pumps	0 0
*Combination Ok  Okeechobee Inflo S65E S154 S84 S84X	eechobee ws (cfs) 2896 16 808 252	Avg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	1503 0 0	= 14.29 (*See Note) Fisheating C S135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination Ok  Okeechobee Inflo S65E S154 S84 S84X S71 S72	eechobee ws (cfs) 2896 16 808 252 65	Avg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps	1503 0 0 0 89	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 425
*Combination Ok  Okeechobee Inflo	ws (cfs) 2896 16 808 252 65 124 6356	Avg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	1503 0 0 0 89	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 425
*Combination Ok  Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows:	ws (cfs) 2896 16 808 252 65 124 6356 ows (cfs)	Avg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	1503 0 0 0 89 28	= 14.29 (*See Note) Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 425 0
*Combination Ok  Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows:  Okeechobee Outfl S135 Culverts	ws (cfs) 2896 16 808 252 65 124 6356 ows (cfs)	Avg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	1503 0 0 0 89 28	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 425 0
*Combination Ok  Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows:  Okeechobee Outfl S135 Culverts S127 Culverts	eechobee  ws (cfs) 2896 16 808 252 65 124 6356  ows (cfs)	Avg-Daily Lake  :     S65EX1     S191     S133 Pumps     S127 Pumps     S129 Pumps     S131 Pumps ):     S354     S351	1503 0 0 0 89 28	= 14.29 (*See Note) Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 425 0
*Combination Ok  Okeechobee Inflo S65E S154 S84 S84X S71 S72 Otal Inflows: Okeechobee Outfl S135 Culverts S127 Culverts S129 Culverts	eechobee  ws (cfs) 2896 16 808 252 65 124 6356  ows (cfs)	Avg-Daily Lake  :     S65EX1     S191     S133 Pumps     S127 Pumps     S129 Pumps     S131 Pumps ):     S354     S351     S352	1503 0 0 0 89 28	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 425 0
*Combination Ok  Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows:  Okeechobee Outfl S135 Culverts S127 Culverts	eechobee  ws (cfs) 2896 16 808 252 65 124 6356  ows (cfs)	Avg-Daily Lake  :     S65EX1     S191     S133 Pumps     S127 Pumps     S129 Pumps     S131 Pumps ):     S354     S351	1503 0 0 0 89 28	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 425 0
*Combination Ok Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outfl S135 Culverts S127 Culverts S129 Culverts S129 Culverts S131 Culverts Total Outflows:	eechobee  ws (cfs) 2896 16 808 252 65 124 6356  ows (cfs) 0 0 0 -152 e flow is	Avg-Daily Lake  :     S65EX1     S191     S133 Pumps     S127 Pumps     S129 Pumps     S131 Pumps ):     S354     S351     S352	Average =  1503 0 0 89 28  0 0 -157	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 425 0
*Combination Ok  Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows:  Okeechobee Outfl S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows:	eechobee  ws (cfs) 2896 16 808 252 65 124 6356  ows (cfs) 0 0 -152 e flow is	Avg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps  S131 Pumps  S354 S351 S352 L8 Canal Pt  s being used to is being used to	Average =  1503 0 0 89 28  0 0 -157	Fisheating C S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 425 0

Lake Average Precipitation using NEXRAD: = 0.35" = 0.03'

Evaporation - Precipitation: = -0.24" = -0.02'Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 4735 cfs into the lake.

Lake Okeechobee (Change in Storage) Flow is 14823 cfs or 29400 AC-FT

	Headwater	Tailwater				Gat	e Pos	sition	ns		
	Elevation					#3	#4	#5	#6	#7	#8
		(ft-msl)				_		_	_		_
	(10 11131)		(I) see n				(10)	(10)	(10)	(10)	(10)
North East Sh	hono	'	1) 366 11	oce ac	DOCE	JOIN					
		14 20	0	0	0	0	0	0	/ o.f.	- \	
S133 Pumps:	: 13.58	14.38	0	0	0	0	0	0	(cf	5)	
S193:											
S191:	19.01	14.41	0	0.0		0.0					
S135 Pumps:		14.30	0	0	0	0	0		(cf	5)	
S135 Culver	rts:		0	0.1	0.0						
North West Sh	hore										
S65E:	20.87	14.35	2896	1 0	1 /	1 5	1 0	1.0	1.0		
		14.35	1503	1.0	1.4	1.5	1.0	1.0	1.0		
S65EX1:				0	0	•	0	0	/ - C	- \	
S127 Pumps		14.26	0	0	0	0	0	0	(cf	5)	
S127 Culver	rt:		0	0.0							
S129 Pumps:	: 13.01	14.27	89	56	37	0			(cf	5)	
S129 Culver		1.12/	0	0.0	٥,	ŭ			(0).	,	
JIZJ CUIVCI			U	0.0							
S131 Pumps:	12.88	14.30	28	0	31				(cf	;)	
S131 Culver		14.30	0	Ū	J <u>-</u>				(01.	,	
JIJI CUIVE			O								
Fisheating	Creek										
nr Palmda		31.33	150								
nr Lakepo		31.33	130								
C5:	or c	-NR-	0	ND	NIE	RNF	•				
C3.		-1417 -	V	-1417	INF	( INF	ν-				
South Shore											
S4 Pumps:	10.09	14.25	425	0	161	258			(cf	- \	
									(С1:	)	
S169:	14.21	10.16	120	0.0	0.0	0.0					
S310:	14.16	44 47	-139	•	_	•			/ - C	- \	
S3 Pumps:	10.25	14.17	0	0	0	0			(cf	5)	
S354:	14.17	10.25	0	0.0							
S2 Pumps:	9.35	-NR -	0	-NR-			-NR-		(cf	5)	
S351:	-NR-	9.35	0		0.0	0.0					
S352:	14.43	9.68	0	0.0	0.0						
C10A:	-NR-	14.60		8.0	8.6	8.	.0 6	0.0	0.0		
L8 Canal P	Т	14.65	-157								
	S35:	1 and S352	2 Tempora	ry Pum	ps/S3	854 Sp	oillwa	ау			
					_						
S351:	9.35	-NR -	0	-NRN	IR NF	R – – NR -	NR	- NR –			
S352:	9.68	14.43		-NRN							
S354:	10.25	14.17	0	-NRN	RNF	R – – NR -	•				
	_										
Caloosahatch			579)								
S47B:	14.28	11.08		0.0	0.0						
S47D:	11.07	11.07	12	3.0							

```
S77:
   Spillway and Sector Preferred Flow:
              14.26
                       10.96
                                    0 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                    4
 S78:
   Spillway and Sector Flow:
                                  400
                                        1.0 0.0 0.0 0.5
              10.98
                       2.83
   Flow Due to Lockages+:
                                   5
   Spillway and Sector Flow:
                         0.98
                                 1873
                                         0.0 3.0 3.0 3.0 0.0 0.0 0.0 0.0
               3.02
   Flow Due to Lockages+:
                                    7
   Percent of flow from S77
                                    0%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              14.44
                        13.98
                                    0 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                    1
 S153:
              18.72
                        13.77
                                   52
                                        0.0 0.0
 S80:
   Spillway and Sector Flow:
              14.04
                                  107
                                         0.0 0.0 0.0 0.0 0.0 0.0 0.0
                         0.98
   Flow Due to Lockages+:
                                   18
   Percent of flow from S308
                                    0%
                              (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
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:	0.00	2.13	2.33	294	2
S78:	0.00	0.11	0.36	290	2
S79:	0.11	0.28	1.04	202	2
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:	0.13	2.00	2.03	150	6
S80:	0.06	0.06	0.50	188	3
Okeechobee Average	0.06	0.32	0.34		

#### (Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	0.35	1.39	1.84

Okeechobee Lake Elevations	30 AUG 2020	14.29 Difference from 30AUG2
30AUG20 -1 Day =	29 AUG 2020	14.22 -0.07
30AUG20 -2 Days =	28 AUG 2020	14.19 -0.10
30AUG20 -3 Days =	27 AUG 2020	14.16 -0.13
30AUG20 -4 Days =	26 AUG 2020	14.15 -0.14
30AUG20 -5 Days =	25 AUG 2020	14.14 -0.15
30AUG20 -6 Days =	24 AUG 2020	14.13 -0.16
30AUG20 -7 Days =	23 AUG 2020	14.12 -0.17
30AUG20 -30 Days =	31 JUL 2020	13.25 -1.04
30AUG20 -1 Year =	30 AUG 2019	13.71 -0.58
30AUG20 -2 Year =	30 AUG 2018	14.60 0.31

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

Lake Okeechobee Net Inflow (LONIN)  Average Flow over the previous 14 days   Avg-Daily Flow  30AUG20    Today =		1.0	lea Oleanahahaa	Not Inflow (LONIN)	
30AUG20       Today =       30 AUG 2020       7296 MON       14823         30AUG20       -1 Day =       29 AUG 2020       6280 SUN       6514         30AUG20       -2 Days =       28 AUG 2020       6160 SAT       6649         30AUG20       -3 Days =       27 AUG 2020       5892 FRI       2667         30AUG20       -4 Days =       26 AUG 2020       6044 THU       2733         30AUG20       -5 Days =       25 AUG 2020       6342 WED       2307         30AUG20       -6 Days =       24 AUG 2020       6782 TUE       2510         30AUG20       -7 Days =       23 AUG 2020       7057 MON       4586         30AUG20       -8 Days =       22 AUG 2020       7637 SUN       10923				` '.	
30AUG20       -1 Day       =       29 AUG 2020       6280 SUN       6514         30AUG20       -2 Days       =       28 AUG 2020       6160 SAT       6649         30AUG20       -3 Days       =       27 AUG 2020       5892 FRI       2667         30AUG20       -4 Days       =       26 AUG 2020       6044 THU       2733         30AUG20       -5 Days       =       25 AUG 2020       6342 WED       2307         30AUG20       -6 Days       =       24 AUG 2020       6782 TUE       2510         30AUG20       -7 Days       =       23 AUG 2020       7057 MON       4586         30AUG20       -8 Days       =       22 AUG 2020       7637 SUN       10923		Average	Flow over the	previous 14 days	Avg-Daily Flow
30AUG20 -2 Days = 28 AUG 2020 6160 SAT 6649 30AUG20 -3 Days = 27 AUG 2020 5892 FRI 2667 30AUG20 -4 Days = 26 AUG 2020 6044 THU 2733 30AUG20 -5 Days = 25 AUG 2020 6342 WED 2307 30AUG20 -6 Days = 24 AUG 2020 6782 TUE 2510 30AUG20 -7 Days = 23 AUG 2020 7057 MON 4586 30AUG20 -8 Days = 22 AUG 2020 7637 SUN 10923	30AUG20	Today =	30 AUG 2020	7296 MON	14823
30AUG20 -3 Days = 27 AUG 2020 5892 FRI 2667 30AUG20 -4 Days = 26 AUG 2020 6044 THU 2733 30AUG20 -5 Days = 25 AUG 2020 6342 WED 2307 30AUG20 -6 Days = 24 AUG 2020 6782 TUE 2510 30AUG20 -7 Days = 23 AUG 2020 7057 MON 4586 30AUG20 -8 Days = 22 AUG 2020 7637 SUN 10923	30AUG20 -1	. Day =	29 AUG 2020	6280 SUN	6514
30AUG20 -4 Days = 26 AUG 2020 6044 THU 2733 30AUG20 -5 Days = 25 AUG 2020 6342 WED 2307 30AUG20 -6 Days = 24 AUG 2020 6782 TUE 2510 30AUG20 -7 Days = 23 AUG 2020 7057 MON 4586 30AUG20 -8 Days = 22 AUG 2020 7637 SUN 10923	30AUG20 -2	Days =	28 AUG 2020	6160 SAT	6649
30AUG20       -5 Days       =       25 AUG 2020       6342 WED       2307         30AUG20       -6 Days       =       24 AUG 2020       6782 TUE       2510         30AUG20       -7 Days       =       23 AUG 2020       7057 MON       4586         30AUG20       -8 Days       =       22 AUG 2020       7637 SUN       10923	30AUG20 -3	Days =	27 AUG 2020	5892 FRI	2667
30AUG20 -6 Days =       24 AUG 2020       6782 TUE       2510         30AUG20 -7 Days =       23 AUG 2020       7057 MON       4586         30AUG20 -8 Days =       22 AUG 2020       7637 SUN       10923	30AUG20 -4	Days =	26 AUG 2020	6044 THU	2733
30AUG20 -7 Days = 23 AUG 2020 7057 MON 4586 30AUG20 -8 Days = 22 AUG 2020 7637 SUN 10923	30AUG20 -5	Days =	25 AUG 2020	6342 WED	2307
30AUG20 -8 Days = 22 AUG 2020 7637 SUN 10923	30AUG20 -6	Days =	24 AUG 2020	6782 TUE	2510
	30AUG20 -7	Days =	23 AUG 2020	7057 MON	4586
i de la companya de	30AUG20 -8	Days =	22 AUG 2020	7637 SUN	10923
30AUG20 -9 Days = 21 AUG 2020 8671 SAT   15111	30AUG20 -9	Days =	21 AUG 2020	8671 SAT	15111
30AUG20 -10 Days = 20 AUG 2020 8183 FRI 6631	30AUG20 -10	) Days =	20 AUG 2020	8183 FRI	6631
30AUG20 -11 Days = 19 AUG 2020 8595 THU 11228	30AUG20 -11	. Days =	19 AUG 2020	8595 THU	11228
30AUG20 -12 Days = 18 AUG 2020 8549 WED 8964	30AUG20 -12	Days =	18 AUG 2020	8549 WED	8964
30AUG20 -13 Days = 17 AUG 2020 8211 TUE 6500	30AUG20 -13	Days =	17 AUG 2020	8211 TUE	6500
		-			

			S65E			
		Average Fl	ow over	previous	14 days	Avg-Daily Flow
30AUG20	Today=	30 AU	G 2020	2414	MON	3151
30AUG20 -1	Day =	29 AU	G 2020	2376	SUN	2726
30AUG20 -2	Days =	28 AU	G 2020	2368	SAT	2808
30AUG20 -3	Days =	27 AU	G 2020	2385	FRI	2612
30AUG20 -4	Days =	26 AU	G 2020	2431	THU	2204
30AUG20 -5	Days =	25 AU	G 2020	2523	WED	2084
30AUG20 -6	Days =	24 AU	G 2020	2649	TUE	1951
30AUG20 -7	Days =	23 AU	G 2020	2818	MON	2075
30AUG20 -8	Days =	22 AU	G 2020	2987	SUN	2194
30AUG20 -9	Days =	21 AU	G 2020	3146	SAT	2191
30AUG20 -10	Days =	20 AU	G 2020	3304	FRI	2331
30AUG20 -11	Days =	19 AU	G 2020	3437	THU	2409
30AUG20 -12	Days =	18 AU	G 2020	3560	WED	2426
30AUG20 -13	Days =	17 AU	G 2020	3679	TUE	2641

			S65EX1			
		Average	Flow over	previous	14 days	Avg-Daily Flow
30AUG20	Today=	30	AUG 2020	1077	MON	1503
30AUG20	-1 Day =	29	AUG 2020	1072	SUN	1359
30AUG20	-2 Days =	28	AUG 2020	1062	SAT	1400

30AUG20	-3	Days	=	27	AUG	2020	1053	FRI		1048
30AUG20	-4	Days	=	26	AUG	2020	1077	THU		970
30AUG20	-5	Days	=	25	AUG	2020	1106	WED		963
30AUG20	-6	Days	=	24	AUG	2020	1148	TUE	- 1	962
30AUG20	-7	Days	=	23	AUG	2020	1209	MON	- 1	958
30AUG20	-8	Days	=	22	AUG	2020	1276	SUN	ĺ	969
30AUG20	-9	Days	=	21	AUG	2020	1343	SAT	ĺ	959
30AUG20	-10	Days	=	20	AUG	2020	1406	FRI	ĺ	970
30AUG20	-11	Days	=	19	AUG	2020	1469	THU	ĺ	966
30AUG20	-12	Days	=	18	AUG	2020	1525	WED	į	912
30AUG20	-13	Days	=	17	AUG	2020	1575	TUE	į	1141
		-							•	

Lake Okeechobee Outlets Last 14 Days

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)	
30 AUG 2020 9	403	807	3756	
29 AUG 2020 4	154	13	4071	
28 AUG 2020 6	350	380	3434	
27 AUG 2020 221	873	1123	5123	
26 AUG 2020 1095	1318	1084	7133	
25 AUG 2020 1426	276	1564	7208	
24 AUG 2020 1428	678	1573	9750	
23 AUG 2020 -NR-	496	2877	11892	
22 AUG 2020 1315	665	3965	15330	
21 AUG 2020 1313	572	2650	10032	
20 AUG 2020 1225	552	1150	4060	
19 AUG 2020 1268		591	2836	
	1309 1123	791	1162	
	405	811	1925	
17 AUG 2020 292	405	011	1925	
S-310	S-351	S-352	S-354	L8 Canal Pt
Discharge	Discharge	Discharge	Discharge	Discharge
(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
DATE (AC-FT)	`(AC-FT)´	`(AC-FT)	`(AC-FT)´	`(AC-FT)´
30 AUG 2020 -276	` o´	` 0 ´	` o´	-312
29 AUG 2020 -13	0	0	220	-233
28 AUG 2020 76	0	0	287	-259
27 AUG 2020 74	0	0	781	-235
26 AUG 2020 45	0	0	0	-306
25 AUG 2020 18	ø	Ø	ø	-670
24 AUG 2020 6	0	0	ø	-1064
23 AUG 2020 16	ø	Ø	ø	-1135
22 AUG 2020 -0	ø	Ø	ø	-1261
21 AUG 2020 -26	0	0	ø	-1177
20 AUG 2020 6	0	0	0	-840
19 AUG 2020 23	0	0	0	-944
18 AUG 2020 38	0	0	0	-205
17 AUG 2020 139	0	0	0	-583
17 AUG 2020 139	ð	O	0	-363
S-308	Below S-30	8 S-80		
Discharge	Discharge		e	
(ALL DAY)	(ALL-DAY)	_		
DATE (AC-FT)	(AC-FT)	(AC-FT)	,	
30 AUG 2020 1	81	232		
29 AUG 2020 2	-120	368		
28 AUG 2020 1	-44	888		
27 AUG 2020 1	-79	-NR-		
26 AUG 2020 3	89	26		
25 AUG 2020 1	182	617		
25 AUG 2020 I	102	017		

24	AUG	2020	0	236	966
23	AUG	2020	2	78	468
22	AUG	2020	2	-72	1291
21	AUG	2020	417	-306	792
20	AUG	2020	175	-274	26
19	AUG	2020	-3088	-245	15
18	AUG	2020	-3881	-437	26
17	AUG	2020	-4079	-286	41

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

\_\_\_\_

(I) - Flows preceded 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.

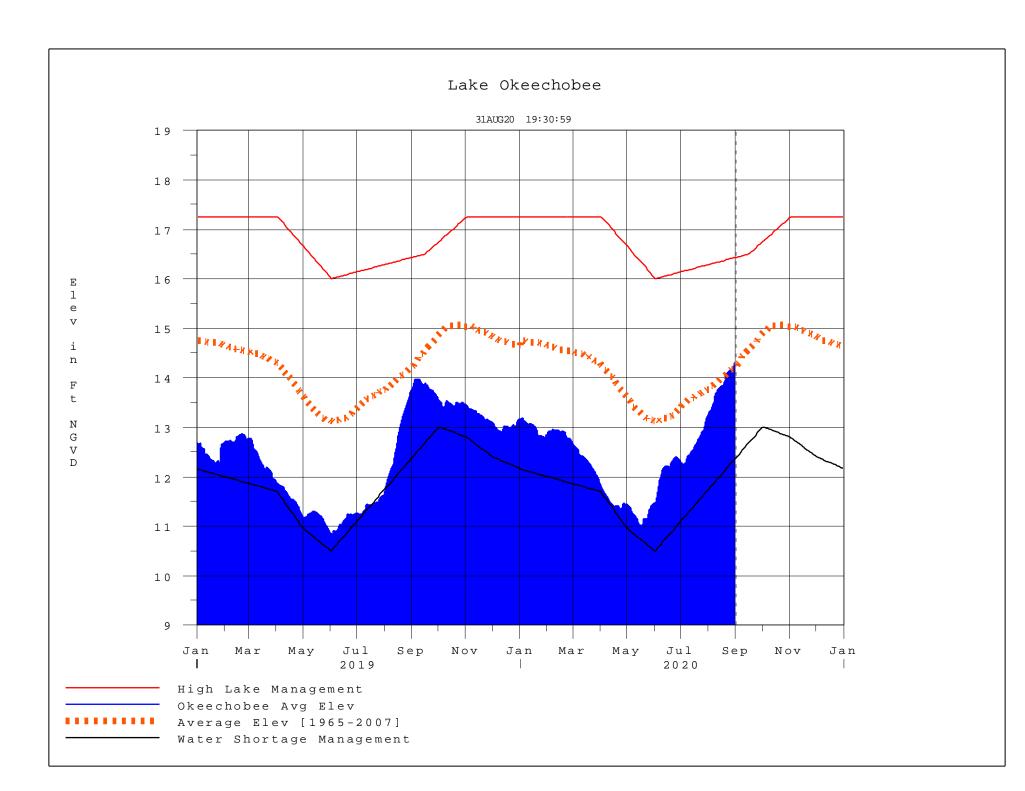
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 31AUG2020 @ 19:44 \*\* 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

• 6-15 Day Precipitation Outlook Categories

Table ?? in the Lake Okeechobee Water Control Plan

• Classification of Lake Okeechobee Net Inflow for Seasonal

#### Outlook

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	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

<sup>\*</sup> 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
	2000	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

<sup>\*\*</sup>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

<sup>\*\*</sup>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	

<sup>\*</sup> Corresponds to Table 7-6 in the Lake Okeechobee Water Control Plan

**Under Construction**