Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 07/20/2020 (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 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		roley's ethod ^{1*}	En	FWMD npirical ethod ²	Neuti	ampling of ral ENSO ears ³	Sub-sampling of AMO Warm + Neutral ENSO Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Jul-Dec)	N/A	N/A	2.35	Very Wet	2.47	Very Wet	3.77	Very Wet
Multi Seasonal (Jul-Apr)	N/A			2.86 Wet		Wet	3.96	Wet

^{*}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:

5560 cfs 14-day running average for Lake Okeechobee Net Inflow through 07/20/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Wet.

-2.12 for Palmer Drought Index on 07/18/2020.

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

The wetter of the two conditions above is Wet.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 07/20/2020:

Lake Okeechobee Stage: 12.69 feet

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	16.23	
	High sub-band	15.79	
Operational Band	Intermediate sub-band	15.34	
	Low sub-band	13.46	
Base Flow sub-ba	nd	12.60	← 12.69 ft
Beneficial Use sub	o-band	11.49	
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.

Adaptive Protocol's Release Guidance: Caloosahatchee Estuary

The SFWMD's Lake Okeechobee Adaptive Protocol's Release Guidance suggests no S-77 release to the Caloosahatchee Estuary unless the Governing Board recommends otherwise.

LORS2008 Implementation on 07/20/2020 (ENSO Neutral Condition):

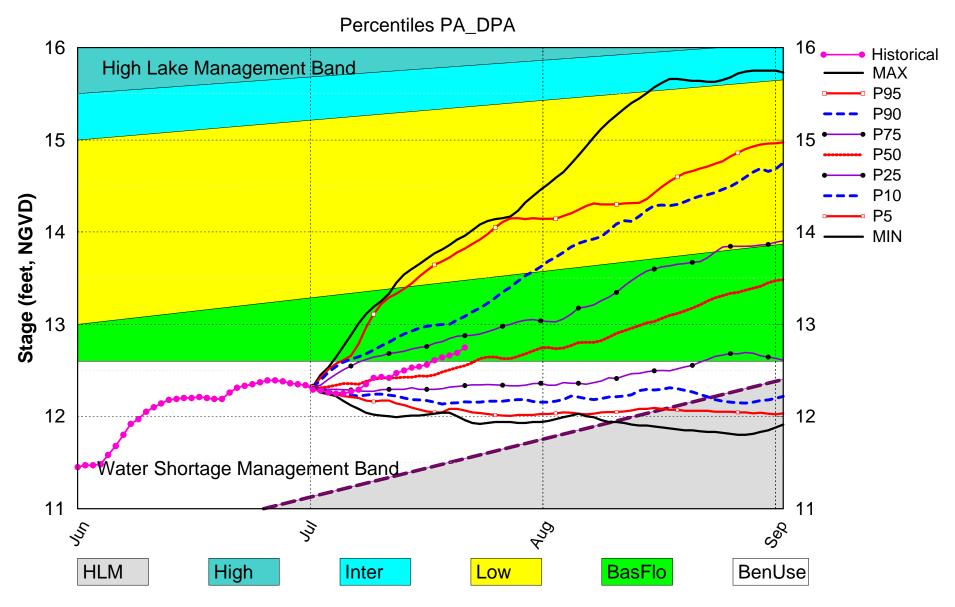
Status for week ending 7/20/2020:

Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme	
LOK	Projected LOK Stage for the next two months	Base Flow sub band	M	
	Palmer Index for LOK Tributary Conditions	-2.12 (Extremely Dry)	Н	
	CPC Precipitation Outlook	1 month: Above Normal	L	
	CFC Frecipitation Outlook	3 months: Above Normal	L	
	LOK Seasonal Net Inflow Outlook	2.47 ft		
	ENSO Forecast (positive)	Normal to Extremely Wet	_	
	LOK Multi-Seasonal Net Inflow Outlook	2.54 ft	M	
	ENSO Forecast (positive)	Normal	IVI	
	WCA 1: 3 Station Average (Site 1-7, 1-8T and 1-9)	Above Line 1 (16.22 ft)	L	
WCAs	WCA 2A: Site 2-17	Above Line 1 (11.96 ft)	L	
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.42 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	

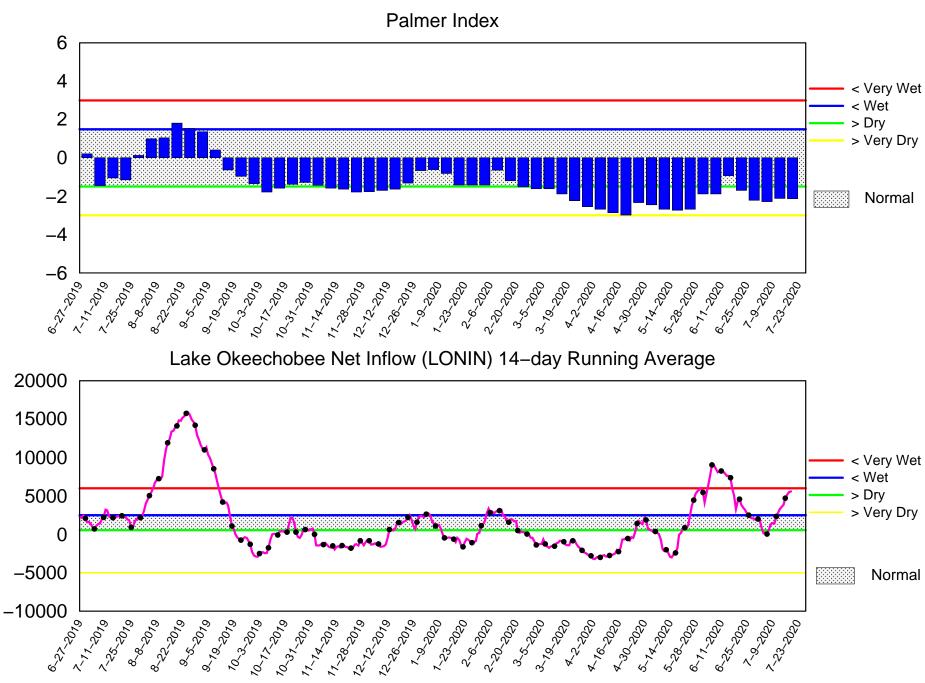
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM July 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of July 20 2020

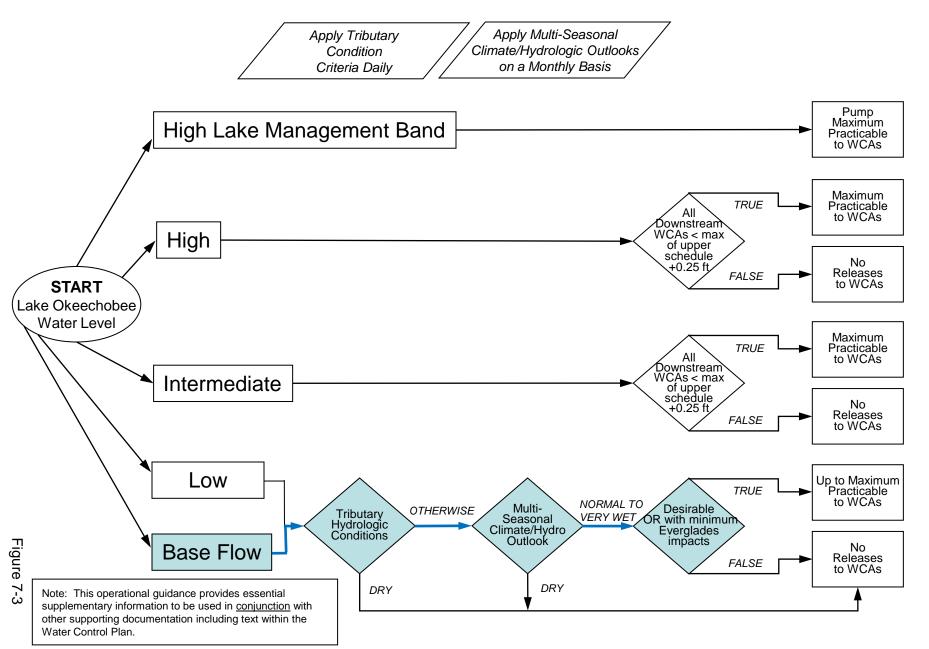


Mon Jul 20 21:43:57 EDT 2020

Flow (cfs)

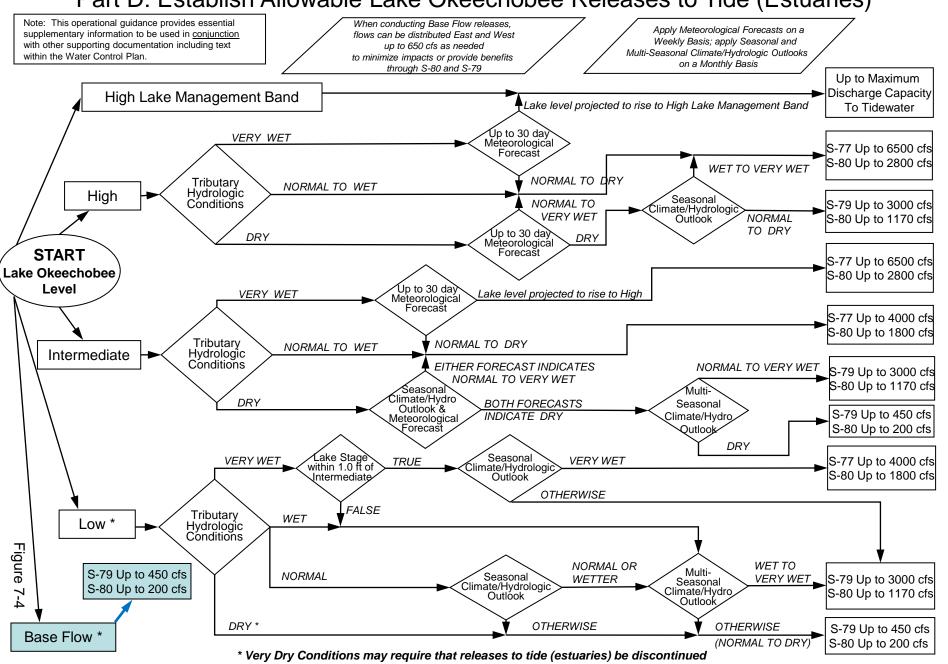
2008 LORS

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

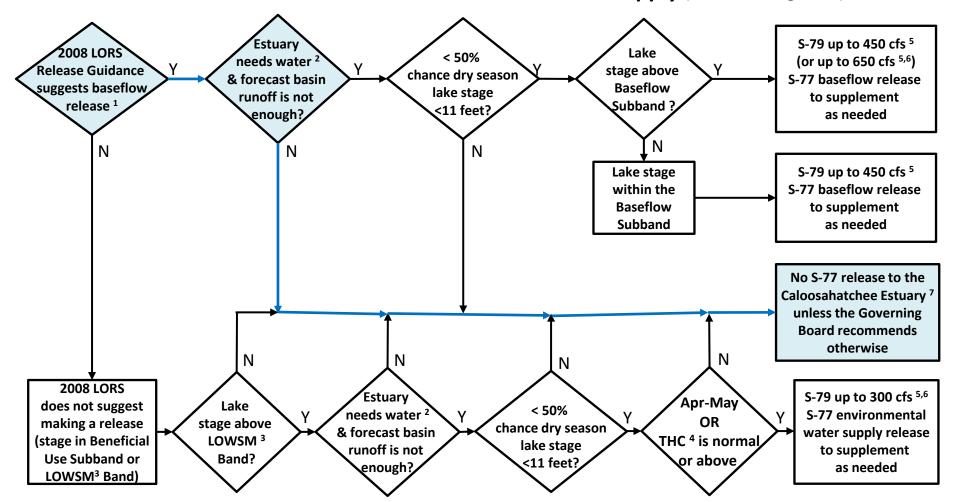


2008 LORS

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



Flowchart to Guide Recommendations for Lake Okeechobee Releases to the Caloosahatchee Estuary for 2008 LORS Baseflow & for Environmental Water Supply (revised 9-Aug-2012)



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

⁷Should this condition be reached, the Governing Board will be briefed at their next regularly scheduled meeting as part of the State of the Water Resources agenda item.

²Estuary "needs" water when the 30-day moving average salinity at I-75 bridge is projected to exceed 5 practical salinity units (psu) within 2 weeks.

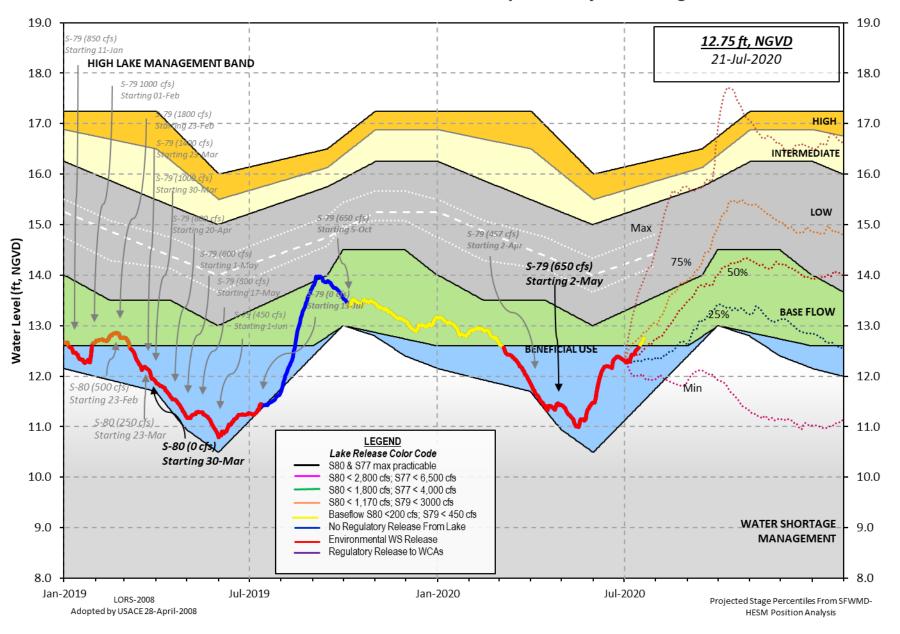
³LOWSM = Lake Okeechobee Water Shortage Management.

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

⁵Can release less than the "up to" limit if lower release is sufficient to reach or sustain desired estuary salinity; cfs = cubic feet per second.

⁶After reviewing conditions in Water Conservation Areas (WCAs), Stormwater Treatment Areas (STAs), ENP, St. Lucie Estuary and Lake Okeechobee.

Lake Okeechobee Water Level History and Projected Stages



Data Ending 2400 hours 19 JUL 2020

		······			
Okeechobee Lake Re	egulation	Elevation (ft-NGVD)		ear 2YRS Ago VD) (ft-NGVD)	
*Okeechobee Lake	e Elevati	, ,	•		ficial Elv)
Bottom of High L	ake Mngm	t= 16.23 Top o			
Currently in Ope				S	
Simulated Averag			12.54		
Difference from	Average	LORS2008	0.15		
19JUL (1965-2007 Difference from			rage 13 -0.9	.64 95	
Today Lake Okeed	chobee el	evation is dete	ermined fr	om the 4 Int &	4 Edge stations
++Navigation Dep ++Navigation Dep Bridge Clearance	oth (Base	d on 2008 Chanr			
4 Interior and 4 E	dge Okee	chobee Lake Ave	erage (Avg	-Daily values):	
1004 1005 16	206 174	0 64 635		64.33	
	906 LZ4	0 S4 S352 66 12.74 12.7		S133 12.60	
12.65 12.80 12	2.6/ 12.	00 12.74 12.7	70 -NK-	12.00	
*Combination Okac					
"COMPINALION UKEE	chohee	Avg-Daily Lake	Average =	12.69	
"COMDINACION OREE	echobee	Avg-Daily Lake	Average =		
	echobee	Avg-Daily Lake	Average =	12.69 (*See Note)	
		Avg-Daily Lake	Average =		
Okeechobee Inflows				(*See Note)	31
Okeechobee Inflows	s (cfs):	Avg-Daily Lake S65EX1 S191	Average = 855 152	(*See Note) Fisheating Cr	31 0
Okeechobee Inflows S65E 1	s (cfs):	S65EX1	855	(*See Note)	
Okeechobee Inflows S65E 1 S154	s (cfs): 1805 0	S65EX1 S191	855 152	(*See Note) Fisheating Cr S135 Pumps	0
Okeechobee Inflows S65E 1 S154 S84	s (cfs): 1805 0 578	S65EX1 S191 S133 Pumps	855 152 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps	0 0
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72	s (cfs): 1805 0 578 206	S65EX1 S191 S133 Pumps S127 Pumps	855 152 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72	s (cfs): 1805 0 578 206 160	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	855 152 0 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72 Total Inflows: 3	s (cfs): 1805 0 578 206 160 106 3893	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	855 152 0 0 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72 Total Inflows: 3 Okeechobee Outflow S135 Culverts	s (cfs): 1805 0 578 206 160 106 3893 vs (cfs):	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	855 152 0 0 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72 Total Inflows: 3 Okeechobee Outflow S135 Culverts S127 Culverts	s (cfs): 1805 0 578 206 160 106 3893 vs (cfs): 1	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	855 152 0 0 0 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72 Total Inflows: 3 Okeechobee Outflow S135 Culverts S127 Culverts S129 Culverts	s (cfs): 1805 0 578 206 160 106 3893 vs (cfs): 1 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	855 152 0 0 0 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72 Total Inflows: 3 Okeechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts	s (cfs): 1805 0 578 206 160 106 3893 vs (cfs): 1 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps S354 S354 S351 S352 L8 Canal Pt	855 152 0 0 0 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0 113 -NR-
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72 Total Inflows: 3 Okeechobee Outflow S135 Culverts S127 Culverts S129 Culverts	s (cfs): 1805 0 578 206 160 106 3893 vs (cfs): 1 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps S354 S354 S351 S352 L8 Canal Pt	855 152 0 0 0 0	(*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0 113 -NR-
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72 Total Inflows: 3 Okeechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts	s (cfs): 1805 0 578 206 160 106 3893 vs (cfs): 1 0 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps S354 S351 S352 L8 Canal Pt Due To Missing	855 152 0 0 0 0 -53 S 577 or S	(*See Note) Fisheating Cr \$135 Pumps \$2 Pumps \$3 Pumps \$4 Pumps \$C5 \$77 \$308 308 Discharge D tal Outflow.	0 0 0 0 0 113 -NR-
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72 Total Inflows: 3 Okeechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: M ****S77 structure ****S308 below flows	s (cfs): 1805 0 578 206 160 106 3893 vs (cfs): 1 0 0 0 No Report	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps S354 S351 S352 L8 Canal Pt Due To Missing being used to dis being used to	855 152 0 0 0 0 -53 S 577 or S	(*See Note) Fisheating Cr \$135 Pumps \$2 Pumps \$3 Pumps \$4 Pumps \$C5 \$77 \$308 308 Discharge D tal Outflow.	0 0 0 0 0 113 -NR-
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72 Total Inflows: 3 Okeechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: N ****S77 structure ****S308 below flow Okeechobee Pan Eva	s (cfs): 1805 0 578 206 160 106 3893 Ws (cfs): 1 0 0 No Report flow is bw meter	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps S354 S351 S352 L8 Canal Pt Due To Missing being used to d is being used to	855 152 0 0 0 0 0 -53 S S77 or S	(*See Note) Fisheating Cr \$135 Pumps \$2 Pumps \$3 Pumps \$4 Pumps \$C5 \$77 \$308 308 Discharge D tal Outflow.	0 0 0 0 0 113 -NR-
Okeechobee Inflows S65E 1 S154 S84 S84X S71 S72 Total Inflows: 3 Okeechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: N ****S77 structure ****S308 below flo	s (cfs): 1805 0 578 206 160 106 3893 vs (cfs): 1 0 0 No Report flow is bw meter	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps S354 S351 S352 L8 Canal Pt Due To Missing being used to dis being used to dispense to d	855 152 0 0 0 0 0 -53 g S77 or S	Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308 308 Discharge D tal Outflow.	0 0 0 0 0 113 -NR-

Evaporation - Precipitation: = -0.36" = -0.03'

Evaporation - Precipitation using Lake Area of 730 square miles is equal to 7091 cfs into the lake.

Lake Okeechobee (Change in Storage) Flow is 5748 cfs or 11400 AC-FT

	Headwater	Tailwater				- Gat	e Pos	sitio	1s		
	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				` ,	` ,	` ,	` ,	•
North East S	Shore	`	,								
S133 Pumps	: 13.45	12.66	0	0	0	0	0	0	(cf	5)	
S193:				_	_				` -	,	
S191:	18.93	12.67	152	0.0	0.0	0.0					
S135 Pumps		12.64	0	0	0	0	0		(cf	5)	
S135 Culve			1	0.1					•	,	
5255 00210			_								
North West S	Shore										
S65E:	20.84	12.62	1805	1.1	0.5	0.5	1.0	0.5	1.0		
S65EX1:	20.84	12.62	855								
S127 Pumps	: 13.33	12.70	0	0	0	0	0	0	(cf	5)	
S127 Culve	ert:		0	0.0							
S129 Pumps	: 12.85	12.72	0	0	0	0			(cf	5)	
S129 Culve			0	0.0					,	•	
S131 Pumps	: 12.96	13.03	0	0	0				(cf	s)	
S131 Culve			0						`	•	
Fisheating	g Creek										
nr Palmo		29.18	31								
nr Lakep											
C5:		-NR-	0	-NR	NR	NF	₹-				
South Shore											
S4 Pumps:	12.55	12.73	0	0	0	0			(cf	s)	
S169:	12.72	12.67	146	5.0	5.0	5.0			`	,	
S310:	12.78		136								
S3 Pumps:	10.34	12.71	0	0	0	0			(cf	s)	
S354:	12.71	10.34	0	0.0	0.0				`	,	
S2 Pumps:	9.95	-NR -	0	0	0	0	0		(cf	5)	
S351:	-NR-	9.95	0	0.0	0.0	0.0			`	,	
S352:	12.79	9.15	0	0.0							
C10A:	-NR-	12.83		8.0	8.0	8.	.0	0.6	0.0		
L8 Canal F		12.61	-53		0.0						
Lo canar i		12.01	33								
	S35	1 and S352	Tempora	ry Pum	ps/S3	54 Sp	oillwa	 Эу			
C2E1 •	0 05	ND	α	ND N	מוא מו	MD	ND	ND			
S351:	9.95	-NR-	0	-NR N -NR N				- INIK -			
S352:	9.15	12.79	0								
S354:	10.34	12.71	0	-NRN	ıĸNK 	NK-	• 				
Caloosahatch			5/9)	0 0	0 0						
S47B:	12.97	11.30	_	0.0	0.0						
S47D:	11.30	11.31	4	4.6							

```
S77:
   Spillway and Sector Preferred Flow:
              12.90
                       11.18
                                 111 0.0 0.0 0.5 0.0
   Flow Due to Lockages+:
                                   2
 S78:
   Spillway and Sector Flow:
                      2.74
                                  407
                                        1.0 0.0 0.0 0.0
              11.21
   Flow Due to Lockages+:
                                   10
   Spillway and Sector Flow:
                        0.57
                                  957
                                        0.0 1.0 1.3 1.0 0.0 0.0 0.0 0.0
               3.02
   Flow Due to Lockages+:
                                  11
   Percent of flow from S77
                                  12%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
               -NR-
                        12.58
                                 -270 3.0 3.0 3.0 3.0
   Flow Due to Lockages+:
                                 -NR-
 S153:
              19.08
                        12.43
                                   0
                                        0.0 0.0
 S80:
   Spillway and Sector Flow:
              12.78
                                    0
                                        0.0 0.0 0.0 0.0 0.0 0.0 0.0
                       1.82
   Flow Due to Lockages+:
                                   15
   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
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:	35.13	35.13	35.18	96	4
S78:	18.63	18.85	19.28	61	2
S79:	2.53	2.59	3.88	30	6
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:	0.03	0.17	1.73	2	1
S80:	0.16	1.63	2.49	123	1
Okeechobee Average	17.58	2.72	2.84		

(Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	0.56	0.87	1.49

Okeechobee Lake Elevations	19 JUL 2020	12.69 Difference	from 19JUL20
19JUL20 -1 Day =	18 JUL 2020	12.66	-0.03
19JUL20 -2 Days =	17 JUL 2020	12.64	-0.05
19JUL20 -3 Days =	16 JUL 2020	12.61	-0.08
19JUL20 -4 Days =	15 JUL 2020	12.56	-0.13
19JUL20 -5 Days =	14 JUL 2020	12.54	-0.15
19JUL20 -6 Days =	13 JUL 2020	12.53	-0.16
19JUL20 -7 Days =	12 JUL 2020	12.50	-0.19
19JUL20 -30 Days =	19 JUN 2020	12.26	-0.43
19JUL20 -1 Year =	19 JUL 2019	11.43	-1.26
19JUL20 -2 Year =	19 JUL 2018	14.43	1.74

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

	Lake Okeechobee I	Net Inflow (LONIN)	
Aver	age Flow over the	previous 14 days	Avg-Daily Flow
19JUL20 Today =	19 JUL 2020	5690 MON	5859
19JUL20 -1 Day =	18 JUL 2020	5586 SUN	4042
19JUL20 -2 Days =	17 JUL 2020	5382 SAT	6017
19JUL20 -3 Days =	16 JUL 2020	4871 FRI	9979
19JUL20 -4 Days =	15 JUL 2020	3946 THU	4150
19JUL20 -5 Days =	14 JUL 2020	3644 WED	2035
19JUL20 -6 Days =	13 JUL 2020	2861 TUE	5899
19JUL20 -7 Days =	12 JUL 2020	2345 MON	6140
19JUL20 -8 Days =	11 JUL 2020	1803 SUN	10199
19JUL20 -9 Days =	10 JUL 2020	791 SAT	-1582
19JUL20 -10 Days =	09 JUL 2020	807 FRI	2523
19JUL20 -11 Days =	08 JUL 2020	674 THU	14058
19JUL20 -12 Days =	07 JUL 2020	-442 WED	-NR-
19JUL20 -13 Days =	06 JUL 2020	-94 TUE	4653

					Se	55E					
				Average	Flov	v over	previous	14 days	A	vg-Daily I	Flow
19JUL20		Today	/=	19	JUL	2020	1501	MON		2026	
19JUL20	-1	Day	=	18	JUL	2020	1423	SUN		1924	
19JUL20	-2	Days	=	17	JUL	2020	1351	SAT		1758	
19JUL20	-3	Days	=	16	JUL	2020	1291	FRI		1676	
19JUL20	-4	Days	=	15	JUL	2020	1235	THU		1728	
19JUL20	-5	Days	=	14	JUL	2020	1175	WED		1270	
19JUL20	-6	Days	=	13	JUL	2020	1149	TUE		1583	
19JUL20	-7	Days	=	12	JUL	2020	1107	MON		1486	
19JUL20	-8	Days	=	11	JUL	2020	1070	SUN		1419	
19JUL20	-9	Days	=	10	JUL	2020	1047	SAT		1396	
19JUL20	-10	Days	=	09	JUL	2020	1033	FRI		1277	
19JUL20	-11	Days	=	98	JUL	2020	1024	THU		1256	
19JUL20	-12	Days	=	07	JUL	2020	1024	WED		1112	
19JUL20	-13	Days	=	06	JUL	2020	1041	TUE		1109	
		-									

			S65EX1				
		Average	Flow over	previous	14 days		Avg-Daily Flow
19JUL20	Today=	19	JUL 2020	586	MON	- 1	855
19JUL20	-1 Day =	18	JUL 2020	556	SUN		812
19JUL20	-2 Days =	17	JUL 2020	530	SAT	- 1	729

19JUL20	-3 Days	=	16	JUL	2020	515	FRI		764
19JUL20	-4 Days	=	15	JUL	2020	495	THU		609
19JUL20	-5 Days	=	14	JUL	2020	488	WED		816
19JUL20	-6 Days	=	13	JUL	2020	452	TUE		488
19JUL20	-7 Days	=	12	JUL	2020	446	MON		382
19JUL20	-8 Days	=	11	JUL	2020	441	SUN		429
19JUL20	-9 Days	=	10	JUL	2020	430	SAT	Ì	431
19JUL20 -	10 Days	=	09	JUL	2020	425	FRI		465
19JUL20 -	11 Days	=	08	JUL	2020	413	THU		430
19JUL20 -	12 Days	=	07	JUL	2020	410	WED	Ì	520
19JUL20 -	13 Days	=	06	JUL	2020	408	TUE		471
	-								

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)	
19 JUL 2020 222	783	821	1922	
18 JUL 2020 418	976	1277	2277	
17 JUL 2020 412	995	1218	2205	
16 JUL 2020 400	928	1075	1880	
15 JUL 2020 418	931	609	1545	
14 JUL 2020 143	1133	595	1871	
13 JUL 2020 4	987	614	1762	
12 JUL 2020 476	815	514	1562	
11 JUL 2020 733	990	308	1243	
10 JUL 2020 765	869	395	1490	
09 JUL 2020 718	1014	657	1786	
08 JUL 2020 679	890	666	1732	
07 JUL 2020 599	824	664	1736	
06 JUL 2020 852	966	663	1617	
00 301 2020 032	500	005	1017	
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)
19 JUL 2020 269	0	0	0	-105
18 JUL 2020 236	0	ø	ø	-199
17 JUL 2020 305	0	0	0	125
16 JUL 2020 145	ø	ø	0	1
15 JUL 2020 70	ø	ø	ø	15
14 JUL 2020 26	0	ø	0	-24
13 JUL 2020 -237	ø	ø	ø	-185
12 JUL 2020 -194	ø	0	ø	-94
11 JUL 2020 -25	0	0	0	-110
10 JUL 2020 101	0	0	0	-101
09 JUL 2020 -111	0	392	0	-171
08 JUL 2020 -226	0	407	0	-214
07 JUL 2020 -94	0	429	0	-77
06 JUL 2020 64	0	0	0	-90
00 302 2020 04	Ü	Ü	Ü	30
S-308	Below S-30	8 S-80		
Discharge	Discharge		e	
(ALL DAY)	(ALL-DAY)			
DATE (AC-FT)	(AC-FT)	(AC-FT)	,	
19 JUL 2020 -NR-	-535	30		
18 JUL 2020 -NR-	-548	27		
17 JUL 2020 -NR-	-330	37		
16 JUL 2020 -NR-	-545	33		
15 JUL 2020 -394	-388	24		
14 JUL 2020 -888	-572	45		
_ : 5555_	3, =	.5		

13	JUL	2020	-82	-637	17
12	JUL	2020	-25	-580	37
11	JUL	2020	-160	-563	37
10	JUL	2020	-412	-575	20
09	JUL	2020	-772	-565	37
80	JUL	2020	-NR -	-1013	34
07	JUL	2020	-NR -	-926	20
06	JUL	2020	605	-660	27

*** 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.

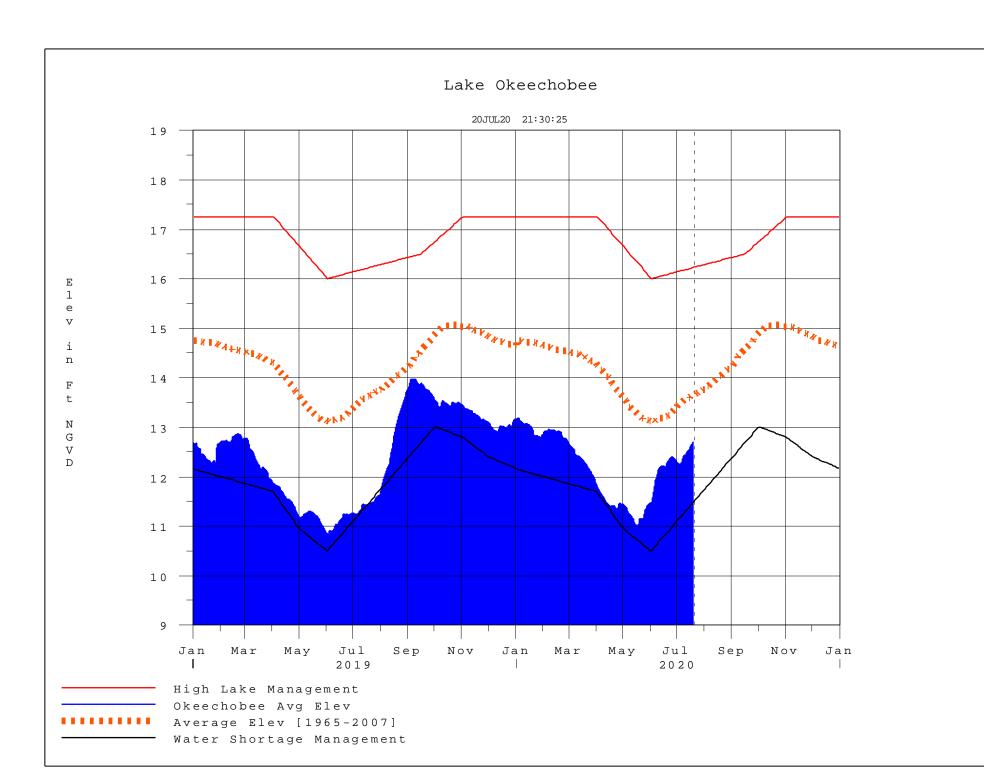
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 20JUL2020 @ 23:39 ** 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

• 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

^{*} 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

^{**}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