Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 02/10/2020 (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*}	SFWMD Empirical Method ²		Neutr	ampling of al 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 (Jan- Jun)	N/A			Normal	1.16	Normal	1.93	Wet	
Multi Seasonal (Jan- Jun)	N/A	N/A	2.94	Wet	3.07	Wet	4.65	Very 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:

2932 cfs 14-day running average for Lake Okeechobee Net Inflow through 2/10/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Wet.

-0.64 for Palmer Index on 2/8/2020.

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

The wetter of the two conditions above is **Wet**.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 02/10/2020

Lake Okeechobee Stage: 12.94 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	17.25	
	High sub-band	16.78	
Operational Band	Intermediate sub-band	16.04	
	Low sub-band	13.57	
Base Flow sub-ba	nd	12.60	← 12.94
Beneficial Use sub	o-band	12.02	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCA's

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 Tidewater

Release Guidance Flow Chart Outcome: S-79 Up to 450 cfs & S-80 Up to 200 cfs.

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.

Back to Lake Okeechobee Operations Main Page

Back to U.S. Army Corps of Engineers LORSS Homepage

LORS2008 Implementation on 2/10/2020 (ENSO Neutral Condition):

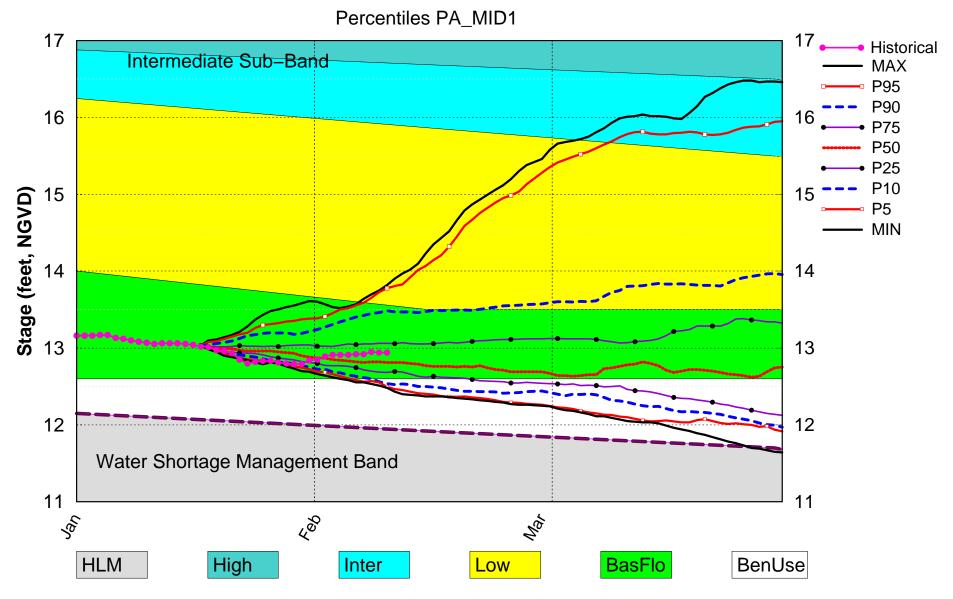
Status for week ending 2/10/2020:

Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Base-Flow Sub-Band	M
	Palmer Index for LOK Tributary Conditions	-0.64 (Normal to Extremely Wet)	L
	CDC Precipitation Outlook	1 month: Above Normal	L
LOK	CPC Precipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.16 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	3.07 ft	M
	ENSO Forecast (positive)	(Normal)	
	WCA 1: 3 Station Average (Site 1-7, Site 1-8T & Site 1-9)	Above Line 1 (16.69 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.92 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Base-Flow Sub-Band -0.64 Normal to Extremely Wet) 1 month: Above Normal 3 months: Normal 1.16 ft Normal to Extremely Wet) 3.07 ft (Normal) Above Line 1 (16.69 ft) Above Line 1 (9.45 ft) fear-Round Irrigation Rule in effect fear-Round Irrigation Rule in effect fear-Round Irrigation Rule in effect	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

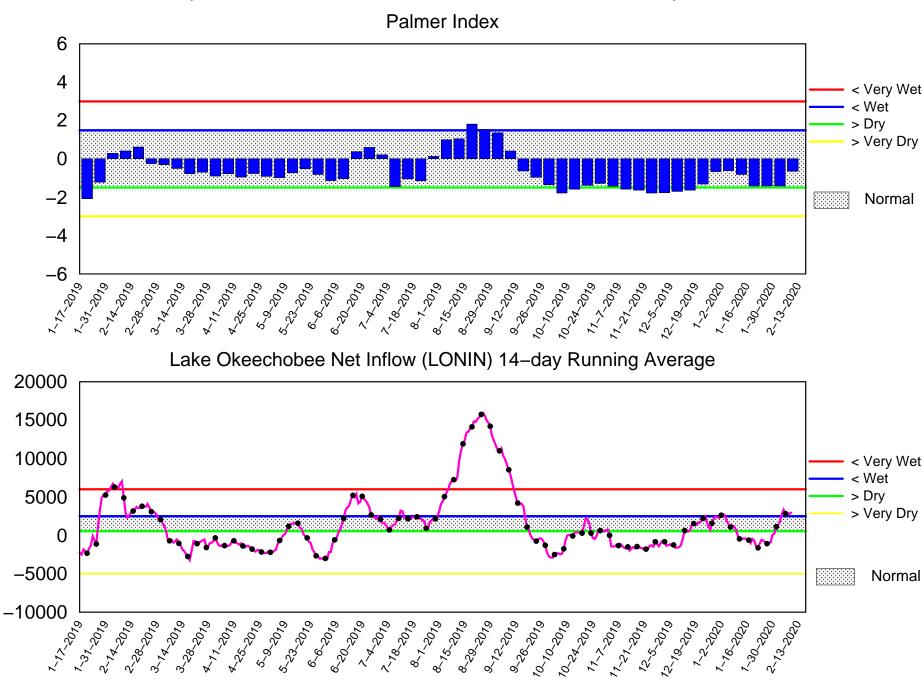
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM Jan 2020 Mid-Month Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of February 10 2020

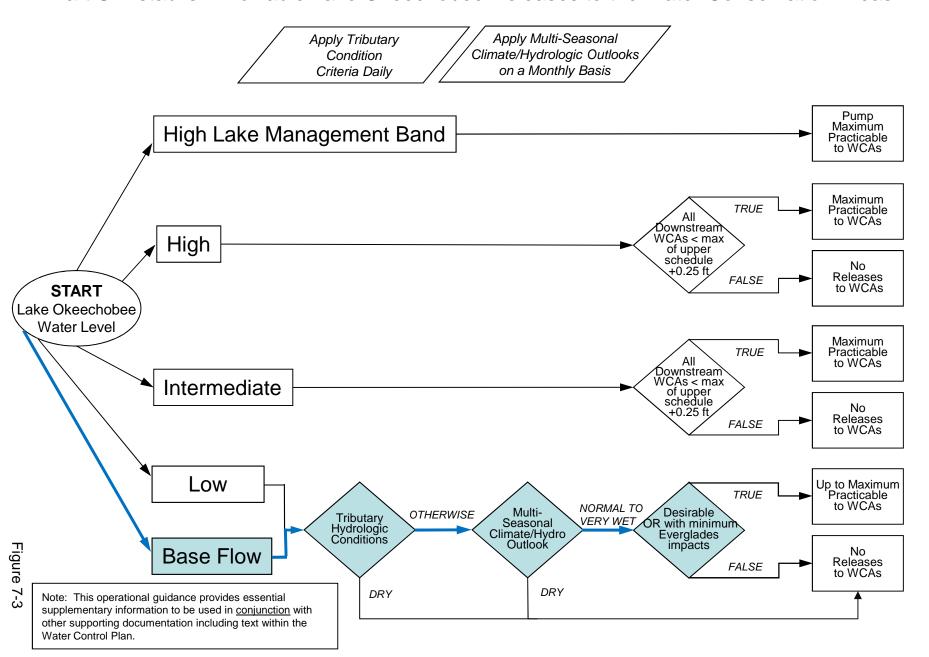


Mon Feb 10 12:17:54 EST 2020

Flow (cfs)

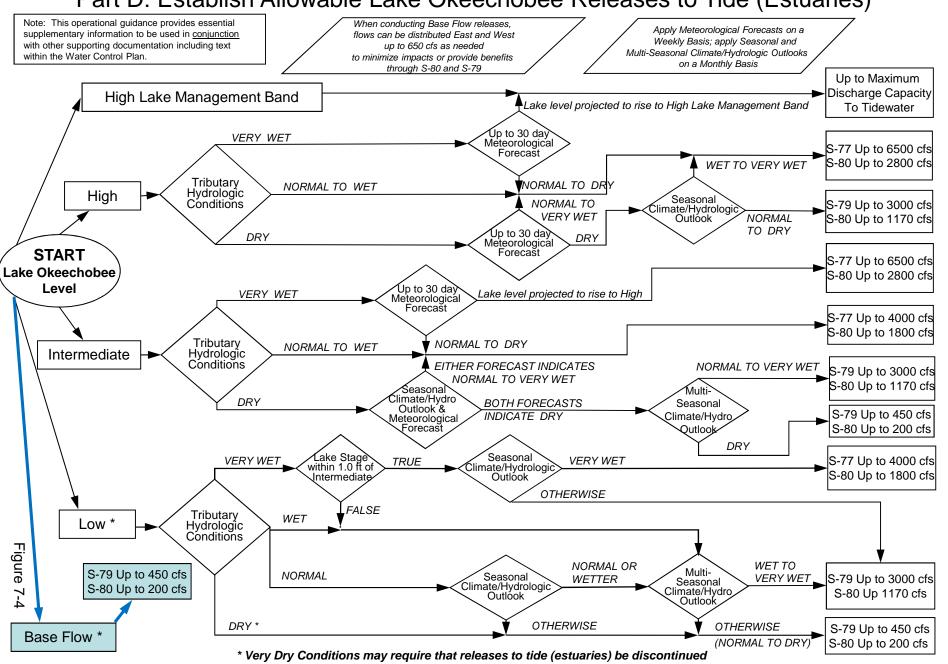
2008 LORS

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

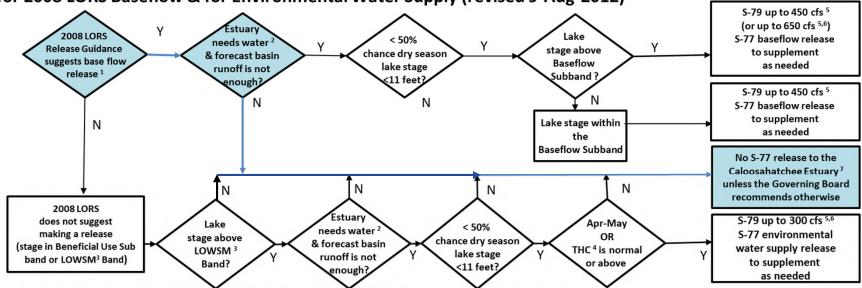


2008 LORS

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.

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.

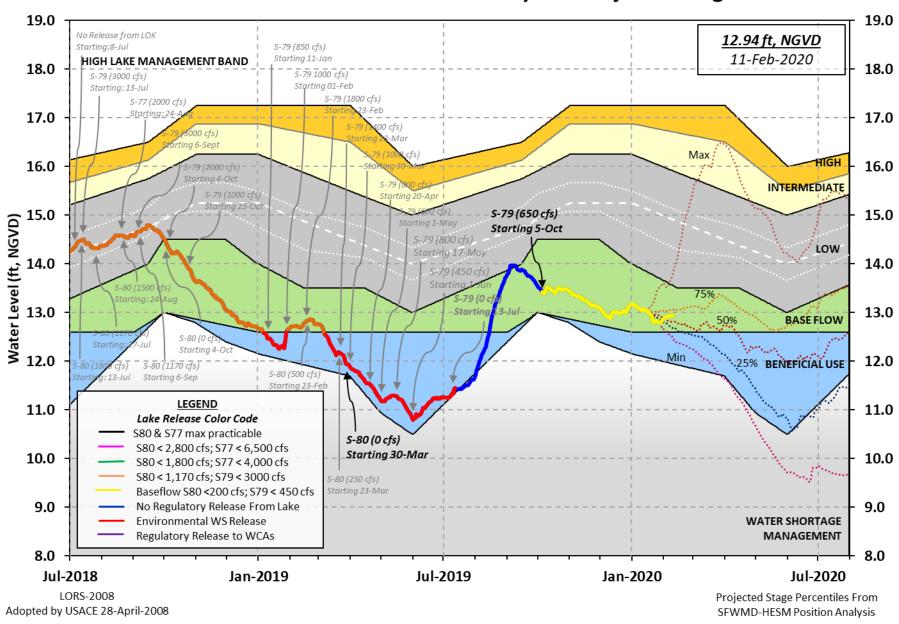
 $^{^4 \}text{Tributary Hydrologic Condition (THC)} is based on classification of Lake Okee chobee Net Inflow and Palmer Index. \\$

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.

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.

Lake Okeechobee Water Level History and Projected Stages



Okeechobee Lake I	Regulatio			Year 2YRS Ago		
*0keechobee Lal	ko Elovat			GVD) (ft-NGVD .70 15.22 () Official Elv	. \
		gmt= 17.25 Top ()
		al Management Bar		51101 c 1111giiic- 1	1.55	
C'analatat Assau	LOBG	2000 [4065 2000]	42.45			
Difference from		2008 [1965-2000] E LORS2008	13.45 -0.51			
09FEB (1965-200 Difference from		od of Record Avei erage	-	4.60 .66		
		· ·				
Today Lake Oke	echobee 6	elevation is dete	ermined f	rom the 4 Int	& 4 Edge sta	tio
		sed on 2007 Chani				88'
		sed on 2008 Chani	nel Condi	tion Survey) R	oute 2 ÷ 5.	08'
Bridge Clearand	ce = 50.	/ 2				
Interior and 4	Edge Oke	eechobee Lake Ave	erage (Av	g-Daily values):	
L001 L005 I	L006 L7	Z40 S4 S352	2 S308	S133		
12.85 13.02	12.97 12	2.93 13.10 13.0	00 12.8	5 12.79		
*Combination Oke	eechobee	Avg-Daily Lake	Average	= 12.94		
*Combination Oke	eechobee	Avg-Daily Lake	Average	= 12.94 (*See Note)		
*Combination Oke	eechobee	Avg-Daily Lake	Average			
Okeechobee Inflo	ws (cfs):	:		(*See Note)		
Okeechobee Inflow	ws (cfs): 664	: S65EX1	206	(*See Note) Fisheating		
Okeechobee Inflow S65E S154	ws (cfs): 664 0	: S65EX1 S191	206 45	(*See Note) Fisheating S135 Pumps	0	
Okeechobee Inflo S65E S154 S84	ws (cfs): 664 0 437	: S65EX1 S191 S133 Pumps	206 45 0	(*See Note) Fisheating S135 Pumps S2 Pumps	0	
Okeechobee Inflo S65E S154 S84 S84X	ws (cfs): 664 0 437 0	: S65EX1 S191 S133 Pumps S127 Pumps	206 45 0	(*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps	0 0 0	
Okeechobee Inflor S65E S154 S84 S84X S71	ws (cfs): 664 0 437 0 80	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	206 45 0 0	(*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0	
Okeechobee Inflor S65E S154 S84 S84X S71	ws (cfs): 664 0 437 0	: S65EX1 S191 S133 Pumps S127 Pumps	206 45 0	(*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps	0 0 0	
Okeechobee Inflor S65E S154 S84 S84X S71 S72 Fotal Inflows:	ws (cfs): 664 0 437 0 80 0 1461	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	206 45 0 0	(*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0	
Okeechobee Inflor S65E S154 S84 S84X S71 S72 Total Inflows:	ws (cfs); 664 0 437 0 80 0 1461	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	206 45 0 0 0	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0	
Okeechobee Inflor S65E S154 S84 S84X S71 S72 Total Inflows:	ws (cfs) 664 0 437 0 80 0 1461 Dws (cfs)	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	206 45 0 0 0	(*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
Okeechobee Inflor S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflor S135 Culverts S127 Culverts	ws (cfs) 664 0 437 0 80 0 1461 Dws (cfs)	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	206 45 0 0 0 0	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0	
Okeechobee Inflor S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflor S135 Culverts S127 Culverts S129 Culverts	ws (cfs) 664 0 437 0 80 0 1461 Dws (cfs) 0	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352	206 45 0 0 0 0	(*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
Okeechobee Inflores S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflores S135 Culverts S127 Culverts S129 Culverts S131 Culverts	ws (cfs) 664 0 437 0 80 0 1461 Dws (cfs)	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	206 45 0 0 0 0	(*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
Okeechobee Inflores S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflores S127 Culverts S129 Culverts S131 Culverts S131 Culverts	ws (cfs) 664 0 437 0 80 0 1461 Dws (cfs) 0 0 0	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352 L8 Canal Pt	206 45 0 0 0 0 817 0 0 106	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
okeechobee Inflores S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflores S127 Culverts S129 Culverts S129 Culverts S131 Culverts S1	WS (cfs) 664 0 437 0 80 0 1461 DWS (cfs) 0 0 0 2279	: S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352	206 45 0 0 0 0 817 0 106	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
Okeechobee Inflores S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflores S135 Culverts S127 Culverts S129 Culverts S131 Culverts S131 Culverts S131 Culverts S131 Culverts S131 S75	ws (cfs) 664 0 437 0 80 0 1461 ows (cfs) 0 0 2279 e flow is	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352 L8 Canal Pt s being used to dis being used to	206 45 0 0 0 0 817 0 106	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
Okeechobee Inflores S65E S154 S84 S84X S71 S72 Fotal Inflows: Okeechobee Outflores S127 Culverts S129 Culverts S131 Culverts S13	ws (cfs) 664 0 437 0 80 0 1461 ows (cfs) 0 0 2279 e flow is	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352 L8 Canal Pt s being used to dis being used to	206 45 0 0 0 0 817 0 106	Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	

Lake Average Precipitation using NEXRAD: = 0.00" = 0.00'

Evaporation - Precipitation: = 0.15" = 0.01'
Evaporation - Precipitation using Lake Area of 730 square miles is equal to 2944 cfs out of the lake.
Lake Okeechobee (Change in Storage) Flow is 0 cfs or 0

0 AC-FT

	Headwater	Tailwater	ı			- Gat	e Pos	sitio	15		
		Elevation			#2	#3	#4	#5	#6	#7	#8
		(ft-msl)				_		_	_		_
	(10-11131)		I) see r				(10)	(10)	(10)	(10)	(10)
North East S	hono	(i) see i	iote at	. DOLL	OIII					
		12 01	0	0	0	0	0	0	/ o.f.	- \	
S133 Pumps	: 13.32	12.81	0	0	0	0	0	0	(cf	>)	
S193:											
S191:	19.49	12.80	45	0.0		0.0	_		, ,		
S135 Pumps		12.75	0	0	0	0	0		(cf	5)	
S135 Culve	rts:		0	0.0	0.0						
North West S	hore										
S65E:	20.88	12.82	664	0.0	0.5	0.5	0.0	0.5	0.0		
S65EX1:		12.82	206								
S127 Pumps		12.95	0	0	0	0	0	0	(cf	5)	
S127 Culve		12.75	0	0.0	Ū	Ū	Ū	Ŭ	(0).	- /	
Jiz/ Cuive			Ū	0.0							
S129 Pumps	: 13.02	13.00	0	0	0	0			(cf	5)	
S129 Culve		13.00	0	0.0	Ū	Ŭ			(0)	,	
3129 Cuive	1		U	0.0							
S131 Pumps	• 13 15	13.04	0	0	0				(cf	٠,١	
S131 Culve		13.04	0	J	Ū				(01.	- /	
JIJI CUIVC			Ū								
Fisheating	Creek										
nr Palmd		29.21	29								
nr Lakep		23.21	23								
C5:	OI C	-NR-	0	ND	kNR	NE	•				
C 3.		-1414-	Ū	-1411	(IVII	INI	ι –				
South Shore											
S4 Pumps:	12.36	13.05	0	0	0	0			(cf	-)	
S169:	13.08	12.36	0	0.0		0.0			(01.)	
S310:	13.00	12.50	-10	0.0	0.0	0.0					
		12.07		0	0	0			/ o.f.	- \	
S3 Pumps:	11.19	12.97	0	0	0	0			(cf	>)	
S354:	12.97	11.19	817	0.2		•	_		, ,		
S2 Pumps:	10.09	-NR-	0	0	0	0	0		(cf	5)	
S351:	-NR -	10.09	0	0.0		0.0					
S352:	12.99	10.06	0	0.0	0.0						
C10A:	-NR -	13.02		8.0	8.0	8.	0 (0.6	0.0		
L8 Canal P	T	12.85	106								
	S35:	1 and S352	Tempora	ary Pum	ıps/S3	54 Sp	oillwa	эу			
S351:	10.09	-NR-	0	-NRN	IR – – NR	NR-	- NR	-NR-			
S352:	10.06	12.99	0	-NR N							
S354:	11.19	12.97	817	-NRN							
Coloosabatat	00 Divers /	C77 C70	C70)								
Caloosahatch			3/9)	0.0	0 0						
S47B:	12.98	10.59	_	0.0	0.0						
S47D:	10.55	10.55	-9	6.6							

```
S77:
   Spillway and Sector Preferred Flow:
              12.87
                        10.45
                                 401 0.0 3.0 0.0 0.0
                                   5
   Flow Due to Lockages+:
 S78:
   Spillway and Sector Flow:
                                  448
                                        1.5 0.0 0.0 0.0
              10.47
                       2.68
   Flow Due to Lockages+:
                                 -NR-
   Spillway and Sector Flow:
                         0.40
                                 1346
                                        1.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0
               2.84
   Flow Due to Lockages+:
                                  12
   Percent of flow from S77
                                   30%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              12.83
                        12.78
                                 951 3.0 3.0 3.0 3.0
   Flow Due to Lockages+:
                                    0
 S153:
              19.06
                        12.61
                                   0
                                        0.0 0.0
 S80:
   Spillway and Sector Flow:
              12.91
                                    0
                                        0.0 0.0 0.0 0.0 0.0 0.0 0.0
                        1.16
   Flow Due to Lockages+:
                                   28
   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:	12.51	12.51	13.13	27	3
S78:	6.33	6.33	6.86	69	5
S79:	0.10	0.11	0.20	38	3
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:	38.13	38.20	38.56	80	2
S80:	18.60	18.69	19.11	110	9
Okeechobee Average	25.32	3.90	3.98		

(Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	0.00	0.00	0.47

Okeechobee Lake Elevations	09 FEB 2020	12.94 Difference from 09	FEB20
09FEB20 -1 Day =	08 FEB 2020	12.94 0.00	
09FEB20 -2 Days =	07 FEB 2020	12.95 0.01	
09FEB20 -3 Days =	06 FEB 2020	12.92 -0.02	
09FEB20 -4 Days =	05 FEB 2020	12.92 -0.02	
09FEB20 -5 Days =	04 FEB 2020	12.91 -0.03	
09FEB20 -6 Days =	03 FEB 2020	12.91 -0.03	
09FEB20 -7 Days =	02 FEB 2020	12.91 -0.03	
09FEB20 -30 Days =	10 JAN 2020	13.05 0.11	
09FEB20 -1 Year =	09 FEB 2019	12.70 -0.24	
09FEB20 -2 Year =	09 FEB 2018	15.22 2.28	

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

			Li	ake (keed	hobee	Net Infl	ow (LONIN)	
		A	verage	Flow	v ove	er the	previous	14 days	Avg-Daily Flow
09FEB20	To	oday :	=	09	FEB	2020	3231	MON	2275
09FEB20	-1 [рау :	=	98	FEB	2020	2952	SUN	-538
09FEB20	-2 [Days :	=	07	FEB	2020	3133	SAT	6109
09FEB20	-3 D	ays :	=	06	FEB	2020	3023	FRI	962
09FEB20	-4 D	ays :	=	05	FEB	2020	3452	THU	3532
09FEB20	-5 D	ays :	=	04	FEB	2020	2796	WED	1560
09FEB20	-6 D	ays :	=	03	FEB	2020	1800	TUE	2322
09FEB20	-7 D	ays :	=	02	FEB	2020	1396	MON	4030
09FEB20	-8 [ays :	=	01	FEB	2020	1146	SUN	7796
09FEB20	-9 D	ays :	=	31	JAN	2020	205	SAT	2474
09FEB20	-10 D	ays :	=	30	JAN	2020	61	FRI	11213
09FEB20	-11 D	ays :	=	29	JAN	2020	-886	THU	1871
09FEB20	-12 D	ays :	=	28	JAN	2020	-1016	WED	1106
09FEB20	-13 C	ays :	=	27	JAN	2020	-1083	TUE	524

					Se	55E			
				Average	Flow	v over	previous	14 days	Avg-Daily Flow
09FEB20		Today	y =	09	FEB	2020	425	MON	764
09FEB20	-1	Day	=	98	FEB	2020	380	SUN	785
09FEB20	-2	Days	=	07	FEB	2020	340	SAT	731
09FEB20	-3	Days	=	06	FEB	2020	296	FRI	699
09FEB20	-4	Days	=	05	FEB	2020	260	THU	363
09FEB20	-5	Days	=	04	FEB	2020	252	WED	296
09FEB20	-6	Days	=	03	FEB	2020	245	TUE	490
09FEB20	-7	Days	=	02	FEB	2020	228	MON	437
09FEB20	-8	Days	=	01	FEB	2020	217	SUN	286
09FEB20	-9	Days	=	31	JAN	2020	221	SAT	436
09FEB20	-10	Days	=	30	JAN	2020	225	FRI	132
09FEB20	-11	Days	=	29	JAN	2020	252	THU	151
09FEB20	-12	Days	=	28	JAN	2020	258	WED	214
09FEB20	-13	Days	=	27	JAN	2020	264	TUE	162

			S65EX1				
		Average	Flow over	previous	14 days		Avg-Daily Flow
09FEB20	Today=	09	FEB 2020	439	MON		206
09FEB20	-1 Day =	08	FEB 2020	469	SUN		140
09FEB20	-2 Days =	07	FEB 2020	504	SAT	- 1	414

09FEB20	-3	Days	=	06	FEB	2020	511	FRI	188
09FEB20	-4	Days	=	05	FEB	2020	543	THU	465
09FEB20	-5	Days	=	04	FEB	2020	536	WED	537
09FEB20	-6	Days	=	03	FEB	2020	522	TUE	439
09FEB20	-7	Days	=	02	FEB	2020	535	MON	441
09FEB20	-8	Days	=	01	FEB	2020	548	SUN	499
09FEB20	-9	Days	=	31	JAN	2020	534	SAT	488
09FEB20	-10	Days	=	30	JAN	2020	514	FRI	541
09FEB20	-11	Days	=	29	JAN	2020	491	THU	546
09FEB20	-12	Days	=	28	JAN	2020	470	WED	604
09FEB20	-13	Days	=	27	JAN	2020	445	TUE	632

Lake Okeechobee Outlets Last 14 Days

	S-77	Below S-77	S-78	S-79	
	Discharge	Discharge			
	(ALL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)	
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
09 FEB 2020		931	-NR-	2681	
08 FEB 2020		175	-NR-	3344	
07 FEB 2020		-66	-NR-	1601	
06 FEB 2020		563	-NR-	1713	
05 FEB 2020		733	1282	1547	
04 FEB 2020		1076	1083	1161	
03 FEB 2020		753	1037	2226	
02 FEB 2020		522	1958	2402	
01 FEB 2020		704	1933	4571	
31 JAN 2020		707 707	1273	1647	
30 JAN 2020		534	382	936	
29 JAN 2020		1186	696	1104	
28 JAN 2020		1763	1197	1111	
27 JAN 2020		1755	1213	1577	
27 JAN 2026	1027	1755	1213	13//	
	S-310	S-351	S-352	S-354	L8 Canal Pt
	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)
09 FEB 2020		(AC-11)	(AC-11)	1487	210
08 FEB 2020	_	0	Ø	1154	117
07 FEB 2020		0	0	0	120
06 FEB 2020		78	0	910	139
05 FEB 2020		307	0	527	239
04 FEB 2020		0	0	529	83
03 FEB 2020		1018	324	674	-149
02 FEB 2020		0	0	0	-79
01 FEB 2020		0	264	0	-171
31 JAN 2020		0	0	0	-84
30 JAN 2020		1029	495	813	-4
29 JAN 2020		938	552	1120	173
28 JAN 2020		812	221	1059	61
27 JAN 2020		249	19	1041	60
27 JAN 2026	00	243	19	1041	00
	S-308	Below S-30	8 S-80		
	Discharge	Discharge		0	
	(ALL DAY)	(ALL-DAY)			
DATE			(AC-FT))	
	(AC-FT) 1890	(AC-FT) -232	(AC-F1) 57		
09 FEB 2020 08 FEB 2020			48		
08 FEB 2020 07 FEB 2020		-411 -474	48 42		
06 FEB 2020		-474 -174	42		
05 FEB 2020					
05 FEB 2020 04 FEB 2020		-26	33		
04 FEB 2020	1801	-180	39		

03	FEB	2020	1828	-204	59
02	FEB	2020	299	-416	24
01	FEB	2020	-582	-284	31
31	JAN	2020	1201	-216	-NR-
30	JAN	2020	384	-343	38
29	JAN	2020	1684	21	51
28	JAN	2020	2041	-29	38
27	JAN	2020	1492	-99	48

*** 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.

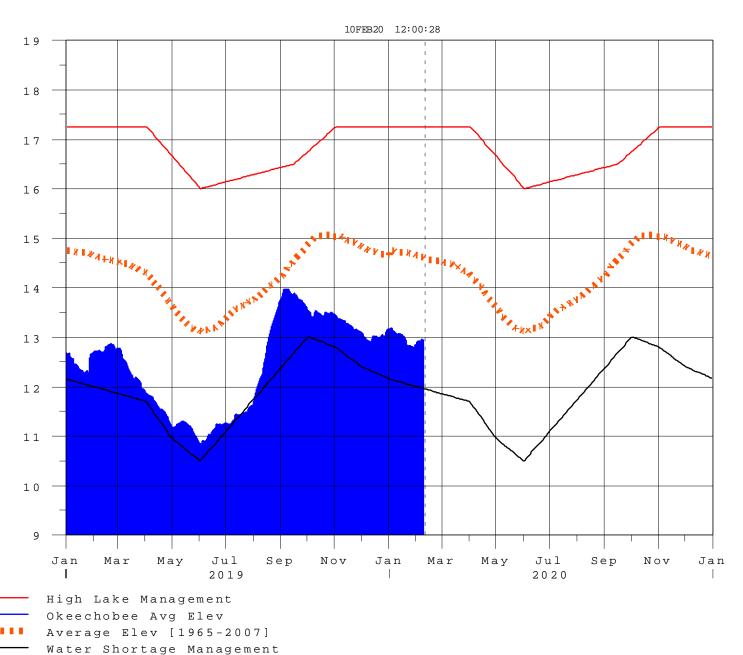
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 10FEB2020 @ 23:39 ** Preliminary Data - Subject to Revision **





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G V D

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

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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 Net Inflow	
[million acre-feet]	[feet]		
		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