Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 02/24/2020 (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*}	Em	FWMD npirical ethod ²	Neutr	ampling of al ENSO ears ³	NSO AMO Warm		
	Value (ft)	Condition	tion Condition		Value (ft)	Condition	Value (ft)	Condition	
Current (Jan- Jun)	N/A	N/A	0.93	93 Normal 1.13		Normal	1.72	Wet	
Multi Seasonal (Jan- Jun)	N/A	N/A	2.91	Wet 3.01 W		Wet	4.44	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:

Around 326 cfs 14-day running average for Lake Okeechobee Net Inflow through 2/24/2020.

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

-1.51 for Palmer Index on 2/22/2020.

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

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 02/24/2020

Lake Okeechobee Stage: 12.78 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	16.66	
Operational Band	Intermediate sub-band	15.81	
	Low sub-band	13.50	
Base Flow sub-ba	nd	12.60	← 12.78
Beneficial Use sub	o-band	11.88	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCA's

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 2/24/2020 (ENSO Neutral Condition):

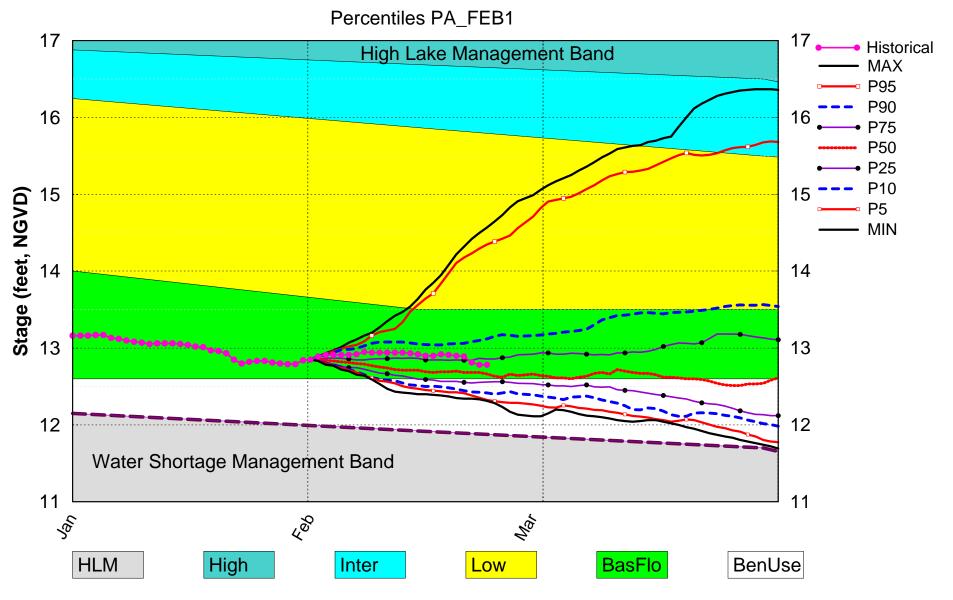
Status for week ending 2/24/2020:

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	-1.51 (Dry)	M
	CDC Propinitation Outlank	1 month: Above Normal	L
LOK	CPC Precipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.13 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	3.01 ft (Normal)	M
	ENSO Forecast (positive)	(Normal)	
	WCA 1: 3 Station Average (Site 1-7, Site 1-8T & Site 1-9)	Above Line 1 (16.72 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.82 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Above Line 1 (9.25 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

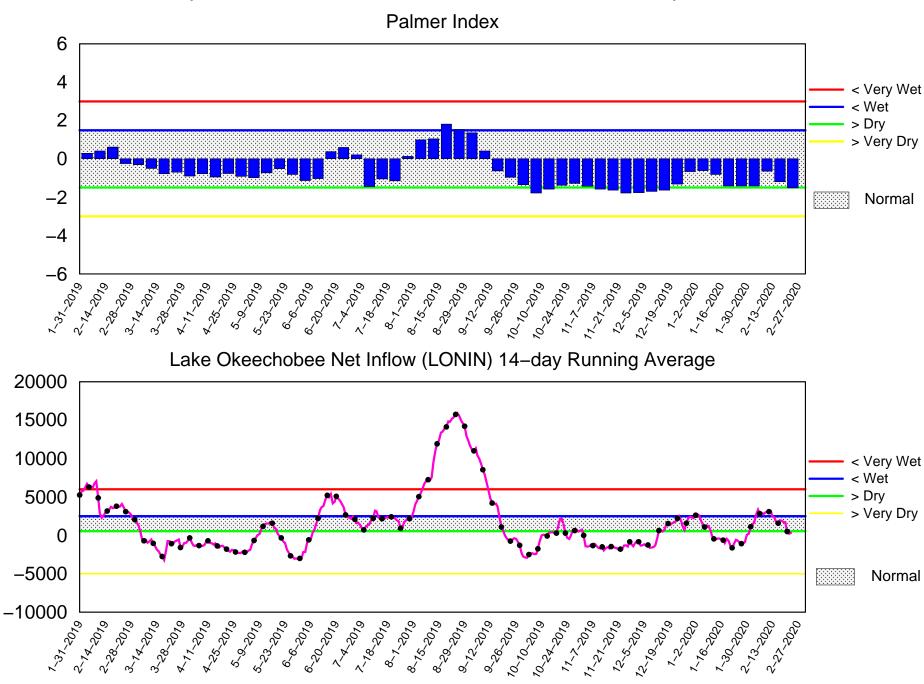
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM Feb 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of February 24 2020

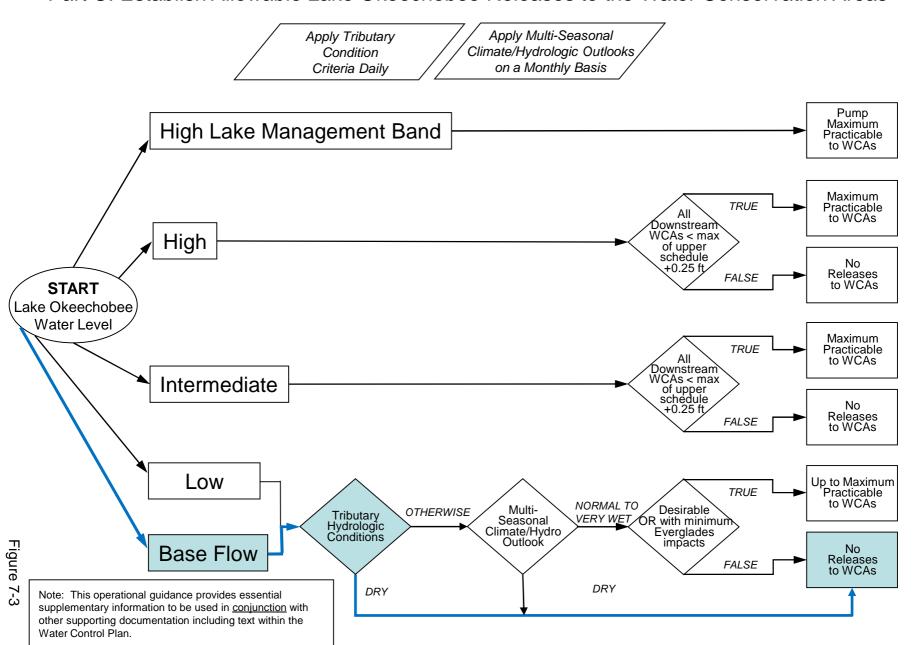


Mon Feb 24 12:02:39 EST 2020

Flow (cfs)

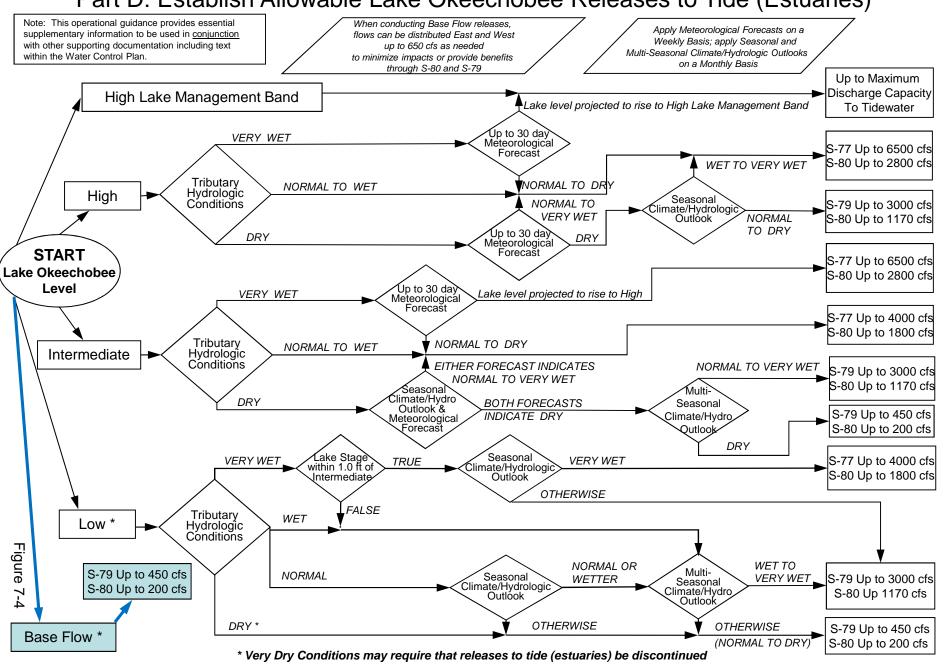
2008 LORS

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

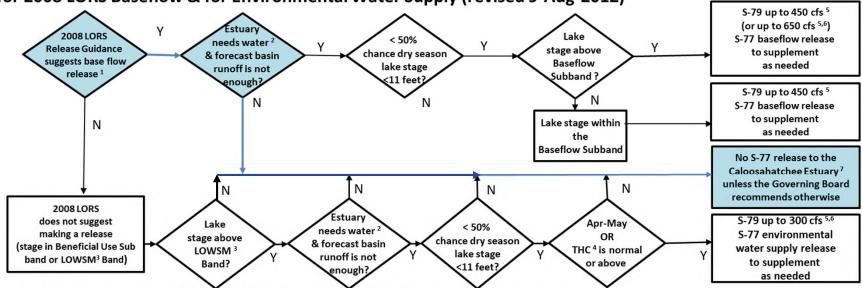


2008 LORS

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.

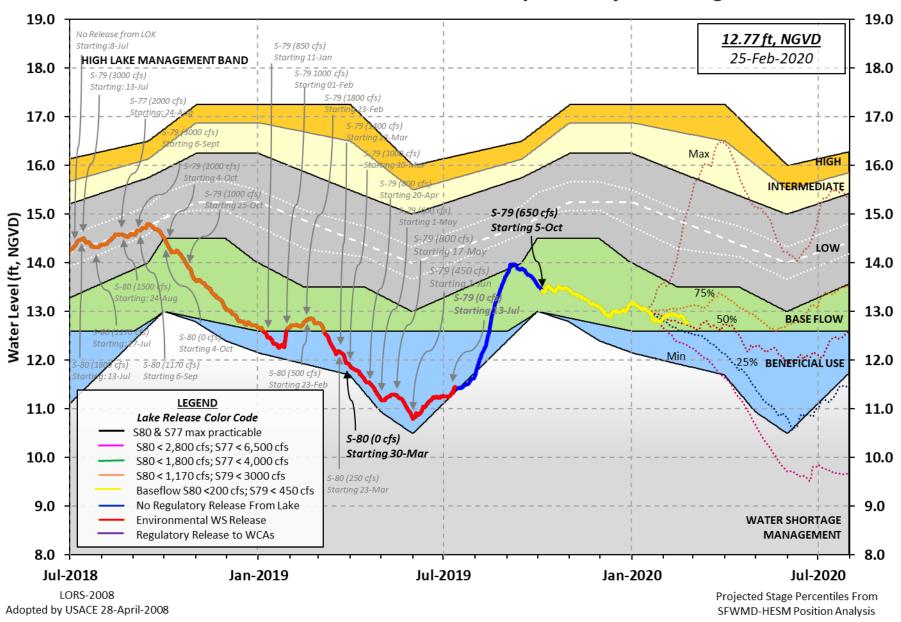
 $^{^4 \}text{Tributary Hydrologic Condition (THC)} is based on classification of Lake Okee chobee Net Inflow and Palmer Index. \\$

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



Data Ending 2400 hours 23 FEB 2020

ORCCCHODEC LUKE N	Regulatio			ear 2YRS Ago (VD) (ft-NGVD)	
*Okeechobee Lak Bottom of High Currently in Op	Lake Mng	ion 12.78 mt= 17.25 Top	12. of Water S	, ,	Ficial Elv) 88
Simulated Avera Difference from			13.35 -0.57		
23FEB (1965-200 Difference from			rage 14 -1.	55 77	
Today Lake Okee	chobee e	levation is det	ermined fr	om the 4 Int & 4	Edge statio
	pth (Bas	ed on 2008 Chan		ion Survey) Rout ion Survey) Rout	
4 Interior and 4	Edge Oke	echobee Lake Av	erage (Avg	-Daily values):	
		40 S4 S35 .77 12.91 12.		S133 12.63	
*Combination Oke	echobee	Avg-Daily Lake	Average =	12.78 (*See Note)	
Okeechobee Inflow	ıs (cfs):				
S65E	ıs (cfs): 489	S65EX1	307	Fisheating Cr	48
		S191	307 0	S135 Pumps	48 0
S65E S154 S84	489 0 0	S191 S133 Pumps	0 0	S135 Pumps S2 Pumps	0 0
S65E S154 S84 S84X	489 0 0 0	S191 S133 Pumps S127 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps	0 0 0
S65E S154 S84 S84X S71	489 0 0 0 0	S191 S133 Pumps S127 Pumps S129 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
S154 S84 S84X	489 0 0 0	S191 S133 Pumps S127 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps	0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows:	489 0 0 0 0 0 0 844	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo	489 0 0 0 0 0 0 844	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts	489 0 0 0 0 844 0ws (cfs)	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : : : S354 S351	0 0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts	489 0 0 0 0 844 ows (cfs) 0 0	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : : : S354 S351 S352	0 0 0 0 0 1195 1048	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts	489 0 0 0 0 844 ows (cfs) 0 0	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : : : S354 S351	0 0 0 0 0 1195 1048	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts	489 0 0 0 0 844 ows (cfs) 0 0	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : : : S354 S351 S352	0 0 0 0 0 1195 1048	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows:	489 0 0 0 844 ows (cfs) 0 0 0 3171 of flow is	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt being used to	0 0 0 0 1195 1048 0 -NR-	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure ****S308 below fl	489 0 0 0 844 ows (cfs) 0 0 3171 e flow is ow meter	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt being used to is being used n (inches):	0 0 0 0 1195 1048 0 -NR-	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure ****S308 below fl	489 0 0 0 0 844 0ws (cfs) 0 0 0 3171 e flow is ow meter vaporatio 0.10	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt being used to is being used n (inches): S308	0 0 0 0 0 1195 1048 0 -NR- compute To	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0

Evaporation - Precipitation: = 0.12" = 0.01'
Evaporation - Precipitation using Lake Area of 730 square miles is equal to 2429 cfs out of the lake.
Lake Okeechobee (Change in Storage) Flow is 0 cfs or 0

0 AC-FT

Headwater Tailwater Flevation Elevation Elevation Elevation Elevation Elevation Cfs 1		Headwater	Tailwater				- Gat	e Pos	sition	15		
(ft-ms1) (cfs) (ft) (ft) (ft) (ft) (ft) (ft) (ft) (I) see note at bottom North East Shore S133 Pumps: 13.18 12.70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>												
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S133 Pumps: 13.18 12.70 0 0 0 0 0 0 0 0 0	Nonth East C	hono	(I) See i	iote at	DOCE	.OIII					
S193:			12 70	0	0	0	0	0	0	/ o.f.	- \	
Signormal		: 13.18	12.70	0	О	0	0	О	О	(CT	>)	
S135 Pumps: 13.17			40 74	•								
North West Shore								_		, ,		
North West Shore S65E:	•		12.65		_	_	0	0		(ct:	s)	
S65EX1: 12.50	S135 Culve	rts:		0	0.0	0.0						
S65EX1: 12.50												
S65EX1:		hore										
S127 Pumps: 13.40					0.0	0.0	0.0	0.0	0.0	0.0		
S127 Culvert: 0 0.0 S129 Pumps: 12.96 12.79 0 0 0 (cfs) S129 Culvert: 0 0.0 0 (cfs) S131 Pumps: 13.21 12.85 0 0 0 (cfs) S131 Culvert: 0 0 0 (cfs) Fisheating Creek nr Palmdale nr Lakeport 29.65 48 49 48 48 48												
S129 Pumps: 12.96 12.79 0 0 0 0 (cfs) S129 Culvert: 0 0 0 0 (cfs) S131 Pumps: 13.21 12.85 0 0 0 (cfs) Fisheating Creek nr Palmdale nr Lakeport 29.65 48 12.74 0 -NRNRNRNR- South Shore S4 Pumps: 12.15 12.78 0 0 0 (cfs) S169: 12.81 12.20 45 1.0 1.0 1.0 S310: 12.74 52 12.79 0 0 0 (cfs) S354: 12.79 10.55 11.95 3.0 3.0 0 0 (cfs) S351: -NR- 11.14 -NR- 0 0 0 0 (cfs) S351 12.88 10.80 0 0.0 0 0 0 Class of the part of the pa	-		12.75	0		0	0	0	0	(cf	s)	
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S129 Culvert: 0 0.0 S131 Pumps: 13.21 12.85 0 0 0 0 (cfs) S131 Culvert: 0 Fisheating Creek				_		_	_					
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Fisheating Creek nr Palmdale												
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C10A:NR 12.91	S351:	-NR-	11.14	1048	2.0	2.2	2.1					
S351 and S352 Temporary Pumps/S354 Spillway S351: 11.14 -NR- 1048 -NRNRNRNRNR- S352: 10.80 12.88 0 -NRNRNR- S354: 10.55 12.79 1195 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.71 11.19 0.0 0.0	S352:	12.88	10.80	0	0.0	0.0						
S351 and S352 Temporary Pumps/S354 Spillway S351: 11.14 -NR- 1048 -NRNRNRNRNR- S352: 10.80 12.88 0 -NRNRNR- S354: 10.55 12.79 1195 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.71 11.19 0.0 0.0	C10A:	-NR -	12.91		8.0	8.0	8.	.0	0.0	0.0		
S351: 11.14 -NR- 1048 -NRNRNRNRNR- S352: 10.80 12.88 0 -NRNRNR- S354: 10.55 12.79 1195 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.71 11.19 0.0 0.0	L8 Canal P	T		-NR-								
S351: 11.14 -NR- 1048 -NRNRNRNRNR- S352: 10.80 12.88 0 -NRNRNR- S354: 10.55 12.79 1195 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.71 11.19 0.0 0.0												
S351: 11.14 -NR- 1048 -NRNRNRNRNR- S352: 10.80 12.88 0 -NRNRNR- S354: 10.55 12.79 1195 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.71 11.19 0.0 0.0												
S352: 10.80 12.88 0 -NRNRNR- S354: 10.55 12.79 1195 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.71 11.19 0.0 0.0		S35:	1 and S352	Tempora	ary Pum	ıps/S3	54 Sp	oillwa	ay			
S352: 10.80 12.88 0 -NRNRNR- S354: 10.55 12.79 1195 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.71 11.19 0.0 0.0	C2F1 -	11 14	MD	1040	ND N	יוא חו	, AID	ND	ND			
S354: 10.55 12.79 1195 -NRNRNR- Caloosahatchee River (S77, S78, S79) S47B: 12.71 11.19 0.0 0.0									- NK -			
Caloosahatchee River (S77, S78, S79) S47B: 12.71 11.19 0.0 0.0												
S47B: 12.71 11.19 0.0 0.0	5354:	10.55	12.79	1195	-NKN	IKNR	: NK -	-				
S47B: 12.71 11.19 0.0 0.0												
S47B: 12.71 11.19 0.0 0.0	Caloosahatch	ee River (S77, S78,	S79)								
S47D: 11.20 11.19 7 6.5	S47B:	12.71	11.19		0.0	0.0						
	S47D:	11.20	11.19	7	6.5							

```
S77:
   Spillway and Sector Preferred Flow:
              12.59
                        11.08
                                 824 0.0 2.5 2.5 0.0
                                   2
   Flow Due to Lockages+:
 S78:
   Spillway and Sector Flow:
                                  653
                                        1.0 0.0 0.0 1.0
              11.10
                       2.71
   Flow Due to Lockages+:
                                  14
   Spillway and Sector Flow:
                                 1195
                                        0.0 0.5 1.0 1.0 0.0 1.0 1.0 0.0
               2.86
                        1.22
   Flow Due to Lockages+:
                                  14
   Percent of flow from S77
                                   69%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              12.68
                        12.67
                                 103 3.0 3.0 3.0 3.0
   Flow Due to Lockages+:
                                    0
 S153:
              18.70
                        12.49
                                   0
                                        0.0 0.0
 S80:
   Spillway and Sector Flow:
              12.74
                                    0
                                        0.0 0.0 0.0 0.0 0.0 0.0 0.0
                        1.99
   Flow Due to Lockages+:
                                    8
   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:	13.85	13.86	13.86	82	2
S78:	6.67	6.74	6.75	328	2
S79:	0.78	0.83	0.86	124	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:	38.33	38.35	38.35	288	2
S80:	20.03	20.60	20.60	79	0
Okeechobee Average	26.09	4.02	4.02		

(Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	0.00	0.02	0.02

	22 FFD 2020	12 70 D: CC	
Okeechobee Lake Elevations	23 FEB 2020	12.78 Differenc	e from 23FEB20
23FEB20 -1 Day =	22 FEB 2020	12.78	0.00
23FEB20 -2 Days =	21 FEB 2020	12.82	0.04
23FEB20 -3 Days =	20 FEB 2020	12.89	0.11
23FEB20 -4 Days =	19 FEB 2020	12.90	0.12
23FEB20 -5 Days =	18 FEB 2020	12.91	0.13
23FEB20 -6 Days =	17 FEB 2020	12.92	0.14
23FEB20 -7 Days =	16 FEB 2020	12.90	0.12
23FEB20 -30 Days =	24 JAN 2020	12.83	0.05
23FEB20 -1 Year =	23 FEB 2019	12.85	0.07
23FEB20 - 2 Year =	23 FEB 2018	14.96	2.18

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

	Lak	e Okeec	hobee Net	Inflo	w (LONIN)	
	Average F	low ove	r the pre	vious 1	14 days	Avg-Daily Flow
23FEB20 Today	/ =	23 FEB	2020	2015	MON	-NR-
23FEB20 -1 Day	=	22 FEB	2020	2044	SUN	-NR-
23FEB20 -2 Days	5 =	21 FEB	2020	1786	SAT	-NR-
23FEB20 -3 Days	5 =	20 FEB	2020	2178	FRI	-NR-
23FEB20 -4 Days	5 =	19 FEB	2020	2241	THU	-NR-
23FEB20 -5 Days	5 =	18 FEB	2020	2189	WED	-NR-
23FEB20 -6 Days	5 =	17 FEB	2020	2144	TUE	6631
23FEB20 -7 Days	5 =	16 FEB	2020	1836	MON	1967
23FEB20 -8 Days	5 =	15 FEB	2020	1984	SUN	-1214
23FEB20 -9 Days	5 =	14 FEB	2020	2627	SAT	1001
23FEB20 -10 Days	5 =	13 FEB	2020	2732	FRI	986
23FEB20 -11 Days	5 =	12 FEB	2020	3463	THU	3043
23FEB20 -12 Days	5 =	11 FEB	2020	3379	WED	1726
23FEB20 -13 Days	5 =	10 FEB	2020	3335	TUE	1978

					Se	55E			
				Average	Flow	v over	previous	14 days	Avg-Daily Flow
23FEB20		Today	/=	23	FEB	2020	815	MON	597
23FEB20	-1	Day	=	22	FEB	2020	827	SUN	688
23FEB20	-2	Days	=	21	FEB	2020	835	SAT	693
23FEB20	-3	Days	=	20	FEB	2020	838	FRI	855
23FEB20	-4	Days	=	19	FEB	2020	826	THU	896
23FEB20	-5	Days	=	18	FEB	2020	786	WED	953
23FEB20	-6	Days	=	17	FEB	2020	735	TUE	954
23FEB20	-7	Days	=	16	FEB	2020	699	MON	1080
23FEB20	-8	Days	=	15	FEB	2020	650	SUN	902
23FEB20	-9	Days	=	14	FEB	2020	602	SAT	-NR-
23FEB20	-10	Days	=	13	FEB	2020	590	FRI	710
23FEB20	-11	Days	=	12	FEB	2020	549	THU	670
23FEB20	-12	Days	=	11	FEB	2020	512	WED	705
23FEB20	-13	Days	=	10	FEB	2020	477	TUE	892

			S65EX1			
		Average	Flow over	previous	14 days	Avg-Daily Flow
23FEB20	Today=	23	FEB 2020	161	MON	307
23FEB20	-1 Day =	22	FEB 2020	154	SUN	345
23FEB20	-2 Days =	21	FEB 2020	139	SAT	359

23FEB20 -3 [Days =	20 FEB	2020	143	FRI	0
23FEB20 -4 [Days =	19 FEB	2020	156	THU	112
23FEB20 -5 [Days =	18 FEB	2020	182	WED	111
23FEB20 -6 [Days =	17 FEB	2020	212	TUE	0
23FEB20 -7 [Days =	16 FEB	2020	243	MON	35
23FEB20 -8 [Days =	15 FEB	2020	272	SUN	0
23FEB20 -9 [Days =	14 FEB	2020	308	SAT	105
23FEB20 -10 [Days =	13 FEB	2020	335	FRI	129
23FEB20 -11 [Days =	12 FEB	2020	365	THU	328
23FEB20 -12 [Days =	11 FEB	2020	380	WED	300
23FEB20 -13 [Days =	10 FEB	2020	402	TUE	121

Lake Okeechobee Outlets Last 14 Days

Lake okceenobee outlets last 14 bays				
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)	
23 FEB 2020 1639	1603	1324	2401	
22 FEB 2020 1285	1104	1013	1734	
21 FEB 2020 159	113	318	634	
20 FEB 2020 151	551	330	560	
19 FEB 2020 116	367	414	1086	
18 FEB 2020 471	737	629	2046	
17 FEB 2020 1004	1355	1325	1779	
16 FEB 2020 1631	1680	998	1990	
15 FEB 2020 1699	1742	639	1465	
14 FEB 2020 1193	1329	708	288	
13 FEB 2020 867	1206	700	576	
12 FEB 2020 867	1082	923	1051	
11 FEB 2020 987	1265	922	1297	
10 FEB 2020 1716	1476	1337	1703	
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)
23 FEB 2020 102	2078	0	1053	-NR -
22 FEB 2020 18	1591	0	1073	-NR -
21 FEB 2020 78	2063	0	1245	-NR -
20 FEB 2020 -26	1994	0	1289	-NR -
19 FEB 2020 79	2389	0	1465	-NR -
18 FEB 2020 69	1777	0	1329	-NR -
17 FEB 2020 6	2186	0	1045	203
16 FEB 2020 24	496	0	936	180
15 FEB 2020 166	1125	0	1176	123
14 FEB 2020 42	1430	63	1452	324
13 FEB 2020 18	2059	168	1598	384
12 FEB 2020 64	1751	0	1606	311
11 FEB 2020 33	551	0	1386	308
10 FEB 2020 2	0	0	1323	251
S-308	Below S-30		_	
Discharge	Discharge			
(ALL DAY)	(ALL-DAY))	
DATE (AC-FT)	(AC-FT)	(AC-FT)		
23 FEB 2020 925	204	16		
22 FEB 2020 1144	155	15		
21 FEB 2020 1038	-339 16	20		
20 FEB 2020 376	16	32		
19 FEB 2020 540	-10	42		
18 FEB 2020 929	-84	48		

17	FEB	2020	567	-116	24
16	FEB	2020	551	-83	17
15	FEB	2020	1027	-176	31
14	FEB	2020	1359	-124	44
13	FEB	2020	593	-6	44
12	FEB	2020	1316	-NR -	58
11	FEB	2020	910	11	32
10	FEB	2020	433	84	28

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

(I) - Flows preceeded by "I" signify an instantaneous

flow computed from the single value reported for the day

* On 11 May 1999, Lake Okeechobee Elevation was switched from Instantaneous 2400 value to an average-daily lake average.

On 14 Mar 2001, due to the isolation of various gages within the standard 10 stations, the average of the interior 4 station gages was used as the Lake Okeechobee Elevation.

On 05 November 2010, Lake Okeechobee Elevation was switched to a 9 gage mix of interior and edge gages to obtain a more reliable representation of the lake level.

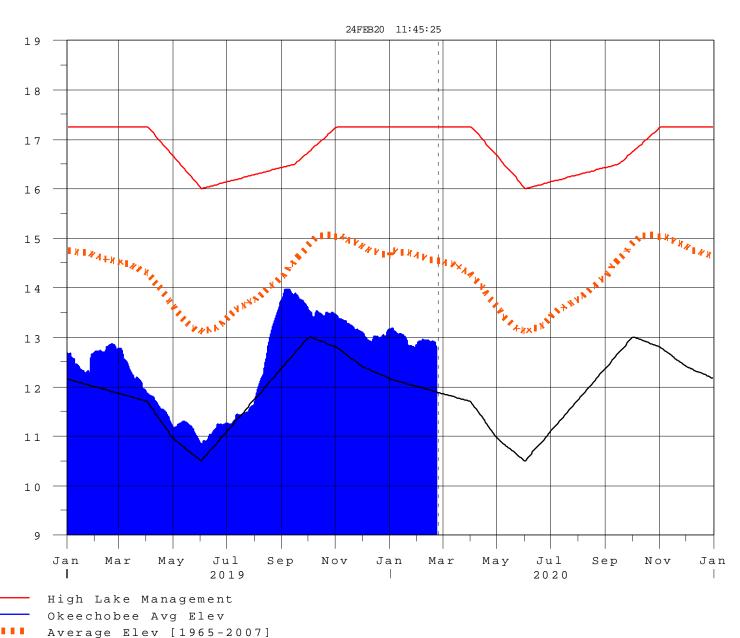
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 24FEB2020 @ 23:38 ** Preliminary Data - Subject to Revision **





Water Shortage Management

E 1 e

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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

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