Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 03/02/2020 (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	Croley's Method ^{1*}		SFWMD Empirical Method ²		Sub-sampling of Neutral ENSO Years ³		Sub-sampling of AMO Warm + Neutral ENSO Years ⁴	
	Value (ft)	Condition	Value (ft) Condition		Value (ft)	Condition	Value (ft)	Condition
Current (Mar- Aug)	N/A	N/A	1.34	1.34 Normal		Normal	2.17	Very Wet
Multi Seasonal (Mar- Oct)	N/A	N/A	2.78	Wet	2.85	Wet	4.24	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:

- **-939 cfs** 14-day running average for Lake Okeechobee Net Inflow through 03/02/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-1.61** for Palmer Index on 2/29/2020. 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 03/02/2020

Lake Okeechobee Stage: 12.64 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	← 12.64
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 3/2/2020 (ENSO Neutral Condition):

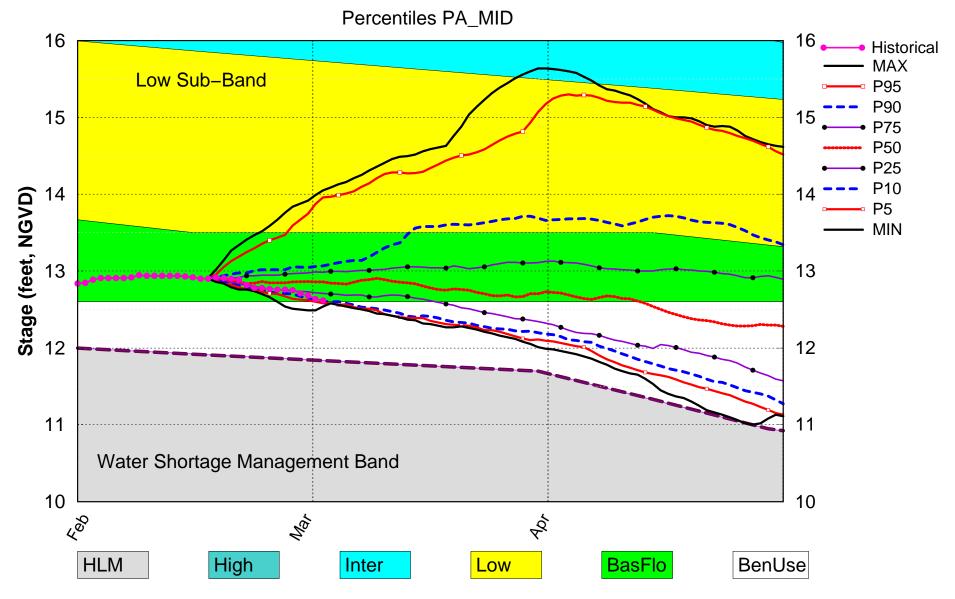
Status for week ending 3/2/2020:

Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Beneficial Use subband	Н
	Palmer Index for LOK Tributary Conditions	-1.61 (Dry)	M
	CDC Precipitation Outlook	1 month: Below Normal	Н
LOK	CPC Precipitation Outlook	3 months: Normal	П
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.49 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	2.85 ft (Normal)	M
	ENSO Forecast (positive)	(Normal)	
	WCA 1: 3 Station Average (Site 1-7, Site 1-8T & Site 1-9)	Above Line 1 (16.63 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.76 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Above Line 1 (9.20 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

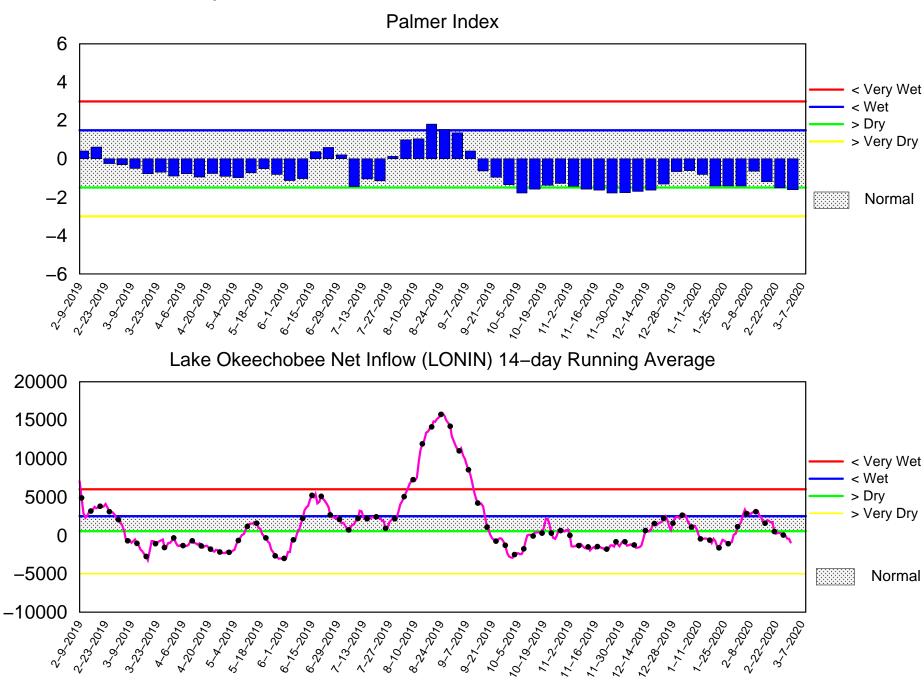
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM Feb 2020 Mid-Month Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of March 2 2020

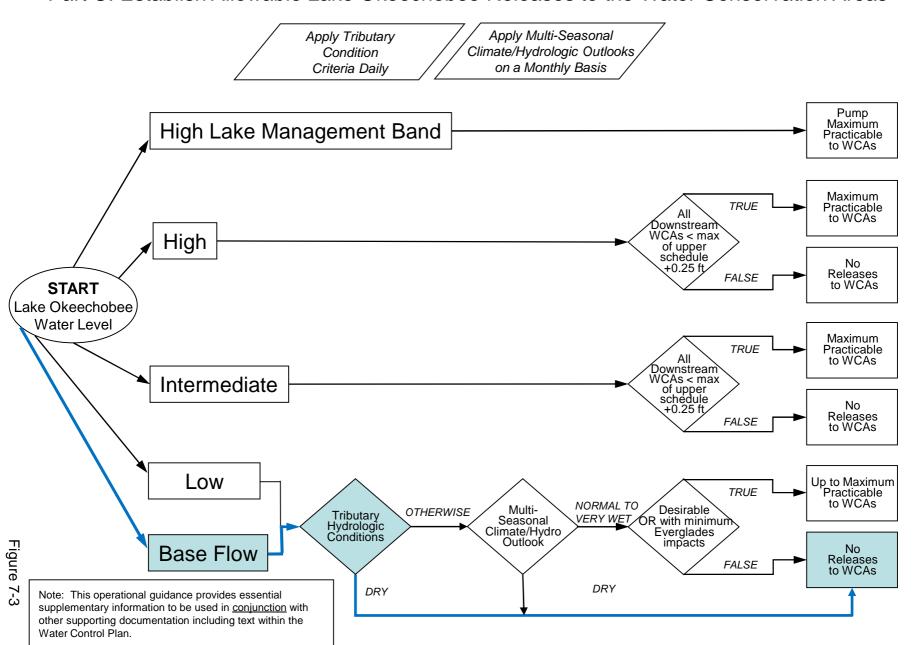


Mon Mar 02 12:09:10 EST 2020

Flow (cfs)

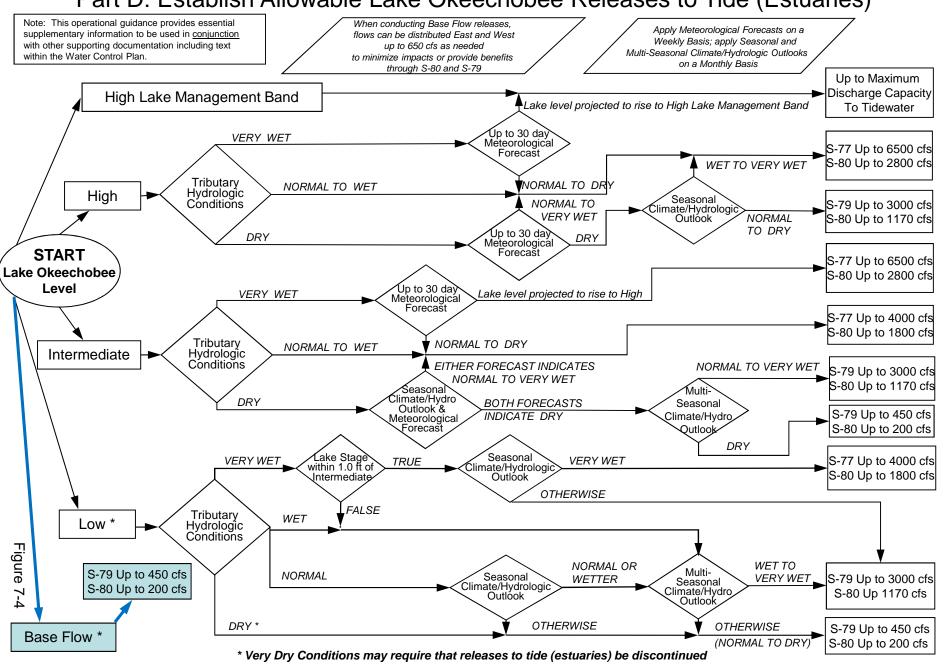
2008 LORS

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

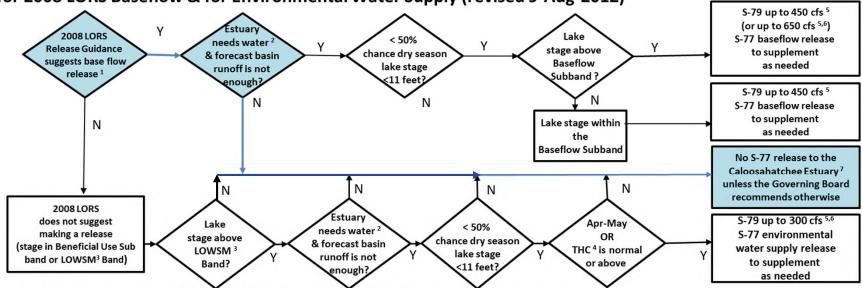


2008 LORS

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.

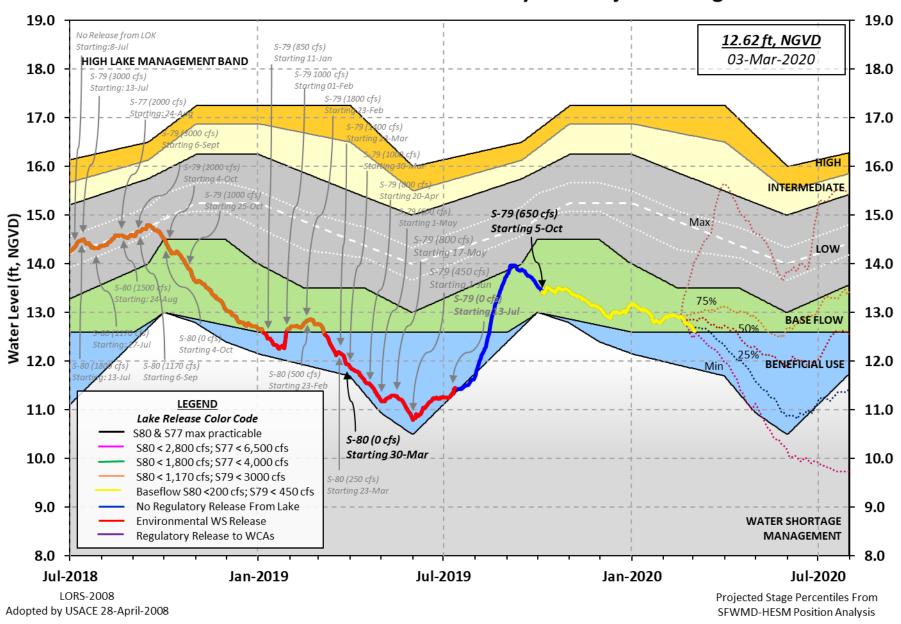
 $^{^4 \}text{Tributary Hydrologic Condition (THC)} is based on classification of Lake Okee chobee Net Inflow and Palmer Index. \\$

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



	gulatio	on Elevatio	n Last	Year 2YRS Ago	
	_	(ft-NGVD		GVD) (ft-NGVD)	
*Okeechobee Lake					icial Elv)
				Short Mngmt= 11.8	5
Currently in Ope	erationa	al Management Ba	ind		
Simulated Averag Difference from			13.30 -0.66		
01MAR (1965-2007 Difference from			_	4.52 .88	
Today Lake Okeed	hobee 6	elevation is det	ermined f	rom the 4 Int & 4	Edge statio
	th (Bas	sed on 2008 Chan		tion Survey) Rout tion Survey) Rout	
Interior and 4 E	dge Oke	eechobee Lake Av	verage (Av	g-Daily values):	
L001 L005 L0			52 S308	S133	
12.53 12.64 12	2.68 1	2.65 12.77 12.	/8 12.5	9 12.45	
*Combination Okee	chobee	Avg-Daily Lake	Average	= 12.64	
				(*See Note)	
keechobee Inflows			214	Fisheshing Co.	20
S65E	646	S65EX1	214	Fisheating Cr	28
S65E S154	646	S65EX1 S191	0	S135 Pumps	0
S65E S154 S84	646 0 0	S65EX1 S191 S133 Pumps	0	S135 Pumps S2 Pumps	0
S65E S154 S84 S84X	646 0 0 0	S65EX1 S191 S133 Pumps S127 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps	0 0 0
S65E S154 S84 S84X S71	646 0 0 0 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
S65E S154 S84 S84X S71	646 0 0 0	S65EX1 S191 S133 Pumps S127 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps	0 0 0
S65E S154 S84 S84X S71	646 0 0 0 0 0 0 888	S65EX1 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 otal Inflows:	646 0 0 0 0 0 0 888	S65EX1 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 Otal Inflows:	646 0 0 0 0 0 888	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Tkeechobee Outflow S135 Culverts S127 Culverts S129 Culverts	646 0 0 0 0 0 888 ws (cfs)	S65EX1 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 otal Inflows: keechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts	646 0 0 0 0 0 888 ws (cfs) 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0 1030 1340	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
S65E S154 S84 S84X S71 S72 Total Inflows: Tkeechobee Outflow S135 Culverts S127 Culverts S129 Culverts	646 0 0 0 0 888 vs (cfs) 0 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352	0 0 0 0 0 1030 1340 40	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
S65E S154 S84 S84X S71 S72 otal Inflows: keechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts otal Outflows:	646 0 0 0 0 888 vs (cfs) 0 0 0 0 3389	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352 L8 Canal Pt	0 0 0 0 0 1030 1340 40 124	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0
S65E S154 S84 S84X S71 S72 otal Inflows: keechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts	646 0 0 0 0 888 vs (cfs) 0 0 0 3389 flow is	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352 L8 Canal Pt	0 0 0 0 0 1030 1340 40 124	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0
S65E S154 S84 S84X S71 S72 otal Inflows: keechobee Outflow S135 Culverts S127 Culverts S129 Culverts S131 Culverts otal Outflows: ***S77 structure	646 0 0 0 888 WS (cfs) 0 0 0 3389 flow is	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps): S354 S351 S352 L8 Canal Pt s being used to r is being used	0 0 0 0 0 1030 1340 40 124	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0

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

Evaporation - Precipitation: = 0.12" = 0.01'

Evaporation - Precipitation using Lake Area of 730 square miles is equal to 2282 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -7663 cfs or -15200 AC-FT

Headwater Tailwater ----- Gate Positions ------Elevation Elevation Disch #1 #2 #3 #4 #5 #6 #7 #8 (ft-msl) (ft-msl) (cfs) (ft) (ft) (ft) (ft) (ft) (ft) (ft) (I) see note at bottom North East Shore S133 Pumps: 13.09 12.56 0 0 0 0 0 (cfs) S193: 19.34 12.56 0.0 0.0 -NR-S191: 0 S135 Pumps: 12.97 12.46 0 0 0 0 (cfs) S135 Culverts: 0 0.0 0.0 North West Shore 646 S65E: 12.32 0.0 0.0 0.5 0.5 0.0 0.5 21.09 21.09 S65EX1: 12.32 214 S127 Pumps: 13.37 12.57 0 0 0 0 0 0 (cfs) S127 Culvert: 0 0.0 S129 Pumps: 12.90 12.72 0 0 0 0 (cfs) S129 Culvert: 0 0.0 S131 Pumps: 12.98 12.69 0 0 0 (cfs) S131 Culvert: 0 Fisheating Creek nr Palmdale 29.12 28 nr Lakeport C5: -NR-0 -NR- -NR- -NR-South Shore S4 Pumps: 12.19 12.69 0 0 0 a (cfs) S169: 12.74 12.19 104 0.0 0.0 0.0 12.57 99 S310: S3 Pumps: 11.17 12.67 0 0 0 (cfs) 12.67 11.17 1030 3.0 3.0 S354: S2 Pumps: 11.19 -NR-0 0 0 0 0 (cfs) S351: -NR-11.19 1340 2.7 2.7 2.5 S352: 12.69 10.69 40 0.0 0.0 C10A: -NR-12.75 8.0 8.0 8.0 0.0 0.0 L8 Canal PT 12.59 124 S351 and S352 Temporary Pumps/S354 Spillway S351: 11.19 -NR-1340 -NR--NR--NR--NR--NR-S352: 10.69 12.69 40 -NR--NR--NR--NR-S354: 11.17 12.67 1030 -NR--NR--NR-Caloosahatchee River (S77, S78, S79)

0.0 0.0

6.5

13

12.54

10.94

10.98

10.93

S47B:

S47D:

```
S77:
   Spillway and Sector Preferred Flow:
              12.49
                       10.84
                                 782 0.0 2.5 2.5 0.0
   Flow Due to Lockages+:
                                   4
 S78:
   Spillway and Sector Flow:
                                  693
                                        2.0 0.0 0.0 1.0
              10.85
                       3.01
   Flow Due to Lockages+:
                                   16
   Spillway and Sector Flow:
                                  876
                                        0.5 1.0 1.0 0.0 0.0 0.0 0.0 0.0
               3.10
                         0.82
   Flow Due to Lockages+:
                                  15
   Percent of flow from S77
                                   89%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              12.58
                        12.56
                                   70 3.0 3.0 3.0 3.0
   Flow Due to Lockages+:
                                   0
 S153:
              19.03
                        12.33
                                   0
                                        0.0 0.0
 S80:
   Spillway and Sector Flow:
              12.62
                                    0
                                        0.0 0.0 0.0 0.0 0.0 0.0 0.0
                        0.34
   Flow Due to Lockages+:
                                   26
   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:	14.31	14.31	14.77	79	2
S78:	6.76	6.76	6.85	105	2
S79:	1.07	1.07	1.36	128	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:	38.68	38.68	39.03	69	4
S80:	0.10	0.10	0.20	4	1
Okeechobee Average	26.50	4.08	4.14		

(Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	0.00	0.00	0.36

Okeechobee Lake Elevations	01 MAR 2020	12.64 Differ	ence from 01MAR20
01MAR20 -1 Day =	29 FEB 2020	12.68	0.04
01MAR20 -2 Days =	28 FEB 2020	12.71	0.07
01MAR20 -3 Days =	27 FEB 2020	12.75	0.11
01MAR20 -4 Days =	26 FEB 2020	12.76	0.12
01MAR20 -5 Days =	25 FEB 2020	12.76	0.12
01MAR20 -6 Days =	24 FEB 2020	12.77	0.13
01MAR20 -7 Days =	23 FEB 2020	12.78	0.14
01MAR20 -30 Days =	31 JAN 2020	12.85	0.21
01MAR20 -1 Year =	01 MAR 2019	12.76	0.12
01MAR20 -2 Year =	01 MAR 2018	14.84	2.20

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

				Lake (Okeed	hobee	Net Inflo	ow (LONIN)	
			Aver	age Flow	V OV	er the	previous	14 days	Avg-Daily Flow
01MAR20	-	Гoday	=	01	MAR	2020	-950	MON	-4278
01MAR20	-1	Day	=	29	FEB	2020	-504	SUN	-2070
01MAR20	-2	Days	=	28	FEB	2020	-443	SAT	-4648
01MAR20	-3	Days	=	27	FEB	2020	-39	FRI	395
01MAR20	-4	Days	=	26	FEB	2020	3	THU	657
01MAR20	-5	Days	=	25	FEB	2020	173	WED	-81
01MAR20	-6	Days	=	24	FEB	2020	302	TUE	1804
01MAR20	-7	Days	=	23	FEB	2020	315	MON	3257
01MAR20	-8	Days	=	22	FEB	2020	245	SUN	-5238
01MAR20	-9	Days	=	21	FEB	2020	580	SAT	-10754
01MAR20	-10	Days	=	20	FEB	2020	1785	FRI	129
01MAR20	-11	Days	=	19	FEB	2020	1985	THU	475
01MAR20	-12	Days	=	18	FEB	2020	2063	WED	421
01MAR20	-13	Days	=	17	FEB	2020	2144	TUE	6631

					Se	55E			
				Average	Flov	v over	previous	14 days	Avg-Daily Flow
01MAR20		Today	/=	01	MAR	2020	801	MON	745
01MAR20	-1	Day	=	29	FEB	2020	826	SUN	740
01MAR20	-2	Days	=	28	FEB	2020	839	SAT	950
01MAR20	-3	Days	=	27	FEB	2020	830	FRI	752
01MAR20	-4	Days	=	26	FEB	2020	826	THU	793
01MAR20	-5	Days	=	25	FEB	2020	816	WED	762
01MAR20	-6	Days	=	24	FEB	2020	811	TUE	-NR-
01MAR20	-7	Days	=	23	FEB	2020	818	MON	624
01MAR20	-8	Days	=	22	FEB	2020	828	SUN	685
01MAR20	-9	Days	=	21	FEB	2020	836	SAT	683
01MAR20	-10	Days	=	20	FEB	2020	839	FRI	856
01MAR20	-11	Days	=	19	FEB	2020	827	THU	908
01MAR20	-12	Days	=	18	FEB	2020	786	WED	958
01MAR20	-13	Days	=	17	FEB	2020	735	TUE	954

		S65EX1		
		Average Flow over	previous 14 days	Avg-Daily Flow
01MAR20	Today=	01 MAR 2020	210 MON	214
01MAR20	-1 Day =	29 FEB 2020	197 SUN	213
01MAR20	-2 Days =	28 FEB 2020	182 SAT	214

01MAR20 -3	Days =	27 FEB	2020	174	FRI		213
01MAR20 -4	Days =	26 FEB	2020	168	THU		210
01MAR20 -5	Days =	25 FEB	2020	177	WED		209
01MAR20 -6	Days =	24 FEB	2020	183	TUE		436
01MAR20 -7	Days =	23 FEB	2020	161	MON		307
01MAR20 -8	Days =	22 FEB	2020	154	SUN		345
01MAR20 -9	Days =	21 FEB	2020	139	SAT		359
01MAR20 -10	Days =	20 FEB	2020	143	FRI		0
01MAR20 -11	Days =	19 FEB	2020	156	THU		112
01MAR20 -12	Days =	18 FEB	2020	182	WED	ĺ	111
01MAR20 -13	Days =	17 FEB	2020	212	TUE	ĺ	0

Lake Okeechobee Outlets Last 14 Days

S-77 Discharge Discharge Discharge CALL DAY) CALL-DAY) CALL-DAY) CALL-DAY CALL-DA	Lake okecei	lobec outle	.03 Last 14	Days		
Discharge		S-77	Below S-77	S-78	S-79	
CALL DAY CALL DAY CALL DAY CALL DAY						
DATE (AC-FT) (AC-FT) (AC-FT) (AC-FT) 01 MAR 2020 1563 1504 1436 1761 29 FEB 2020 1445 1355 781 1488 28 FEB 2020 758 576 790 394 27 FEB 2020 1444 101 402 714 26 FEB 2020 546 896 614 910 25 FEB 2020 1588 1463 792 1076 24 FEB 2020 1588 1607 1316 1539 23 FEB 2020 1639 1603 1324 2401 22 FEB 2020 1585 1104 1013 1734 21 FEB 2020 159 113 318 634 20 FEB 2020 151 551 330 560 19 FEB 2020 151 551 330 560 19 FEB 2020 116 367 414 1086 18 FEB 2020 116 367 414 1086 18 FEB 2020 104 1355 1325 1779			_			
01 MAR 2020 1563 1504 1436 1761 29 FEB 2020 1445 1355 781 1488 8 FEB 2020 758 576 790 394 27 FEB 2020 1444 101 402 714 26 FEB 2020 546 896 614 910 25 FEB 2020 1588 1607 1316 1539 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 151 551 330 560 19 FEB 2020 116 367 414 1086 18 FEB 2020 1004 1355 1325 1779	DATE					
29 FEB 2020 1445 1355 781 1488 28 FEB 2020 758 576 790 394 27 FEB 2020 144 101 402 714 26 FEB 2020 546 896 614 910 25 FEB 2020 1578 1463 792 1076 24 FEB 2020 1588 1607 1316 1539 25 FEB 2020 1588 1607 1316 1539 27 FEB 2020 1285 1104 1013 1734 27 FEB 2020 1285 1104 1013 1734 28 FEB 2020 159 113 318 634 29 FEB 2020 151 551 330 560 20 FEB 2020 116 367 414 1086 20 FEB 2020 116 367 414 1086 20 FEB 2020 116 367 414 1086 21 FEB 2020 1004 1355 1325 1779				, ,		
28 FEB 2020 758 576 790 394 27 FEB 2020 1444 101 402 714 26 FEB 2020 546 896 614 910 25 FEB 2020 1378 1463 792 1076 24 FEB 2020 1588 1607 1316 1539 23 FEB 2020 1639 1603 1324 2401 21 FEB 2020 1285 1104 1013 1734 21 FEB 2020 151 551 330 560 29 FEB 2020 151 551 330 560 19 FEB 2020 116 367 414 1086 18 FEB 2020 116 367 414 1086 18 FEB 2020 1004 1355 1325 1779						
27 FEB 2020 144 101 402 714 26 FEB 2020 546 896 614 910 25 FEB 2020 1578 1463 792 1076 24 FEB 2020 1588 1607 1316 1539 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 1004 1355 1325 1779						
26 FEB 2020 546 896 614 910 25 FEB 2020 1378 1463 792 1076 24 FEB 2020 1588 1607 1316 1539 25 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 116 367 414 1086 18 FEB 2020 1004 1355 1325 1779						
25 FEB 2020 1378 1463 792 1076 24 FEB 2020 1588 1607 1316 1539 23 FEB 2020 1639 1603 1324 2401 21 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						
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24	FEB	2020	1141	-13	26
23	FEB	2020	925	204	16
22	FEB	2020	1144	155	15
21	FEB	2020	1038	-339	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

*** 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.

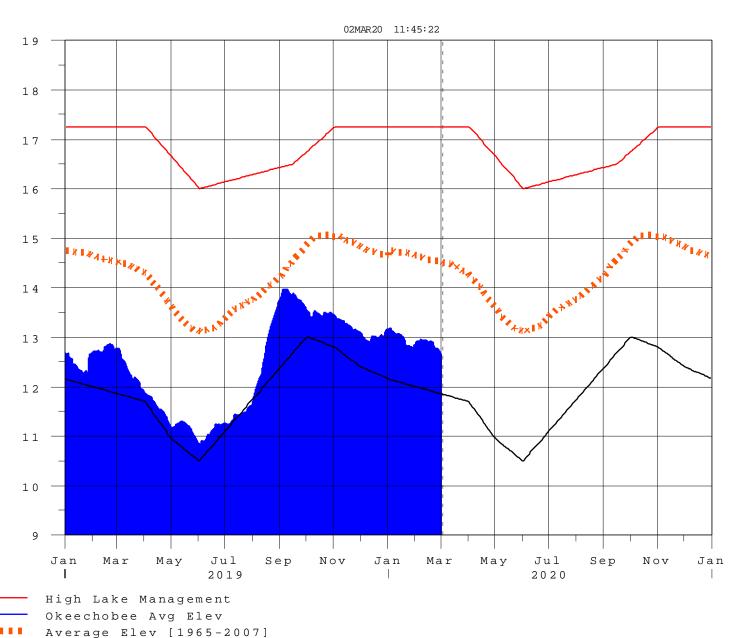
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 02MAR2020 @ 23:39 ** Preliminary Data - Subject to Revision **





Water Shortage Management

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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