Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 03/16/2020 (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 subsampling 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		oley's ethod ^{1*}	Em	SFWMD Sub-sampling of Neutral ENSO Method ² 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	1.27	Normal	1.30	Normal	2.01	Very Wet	
Multi Seasonal (Mar- Oct)	N/A	N/A	2.71	Wet	2.66	Wet	4.08	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:

- **-863 cfs** 14-day running average for Lake Okeechobee Net Inflow through 03/15/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-1.88** for Palmer Drought Index on 3/14/2020. 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 03/15/2020

Lake Okeechobee Stage: 12.36 feet

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manag	ement Band	17.25	
	High sub-band	16.57	
Operational Band	Intermediate sub-band	15.63	
	Low sub-band	13.50	
Base Flow sub-ba	ind	12.60	
Beneficial Use sul	o-band	11.78	← 12.36 ft
Water Shortage M	lanagement Band		

Part C and Part D of LORS2008:

With Lake Okeechobee stage below the Base-Flow Sub-Band, Part C **nor** Part D of the 2008 LORS suggest releases to the WCAs or Estuaries required to manage lake stages.

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.

LORS2008 Implementation on 3/16/2020 (ENSO Neutral Condition):

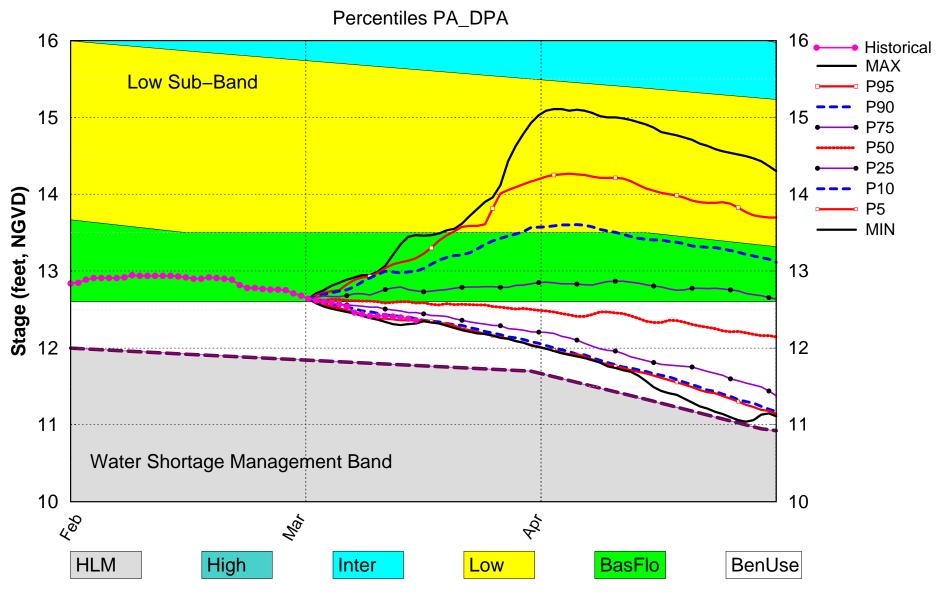
Status for week ending 3/16/2020:

Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Beneficial Use sub band	Н
	Palmer Index for LOK Tributary Conditions	-1.88 (Dry)	M
	CPC Procinitation Outland	1 month: Below Normal	Н
LOK	CPC Precipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.30 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	2.66 ft (Normal)	M
	ENSO Forecast (positive)	(Normal)	
	WCA 1: 3 Station Average (Site 1-7, Site 1-8T & Site 1-9)	Above Line 1 (16.49 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.60 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Line 1- Line 2 (8.98 ft)	М
	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

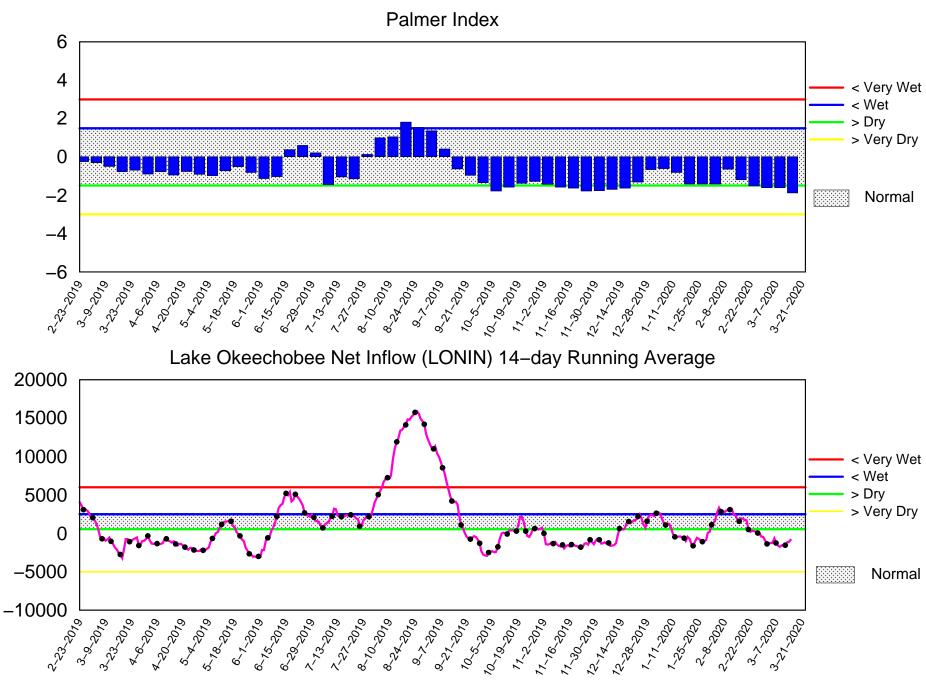
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM Mar 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

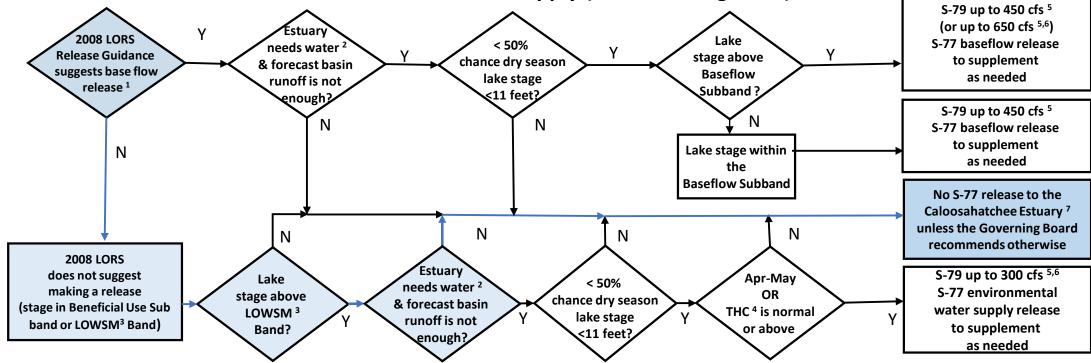
Tributary Basin Condition Indicators as of March 16 2020



Mon Mar 16 12:52:47 EDT 2020

Flow (cfs)

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.

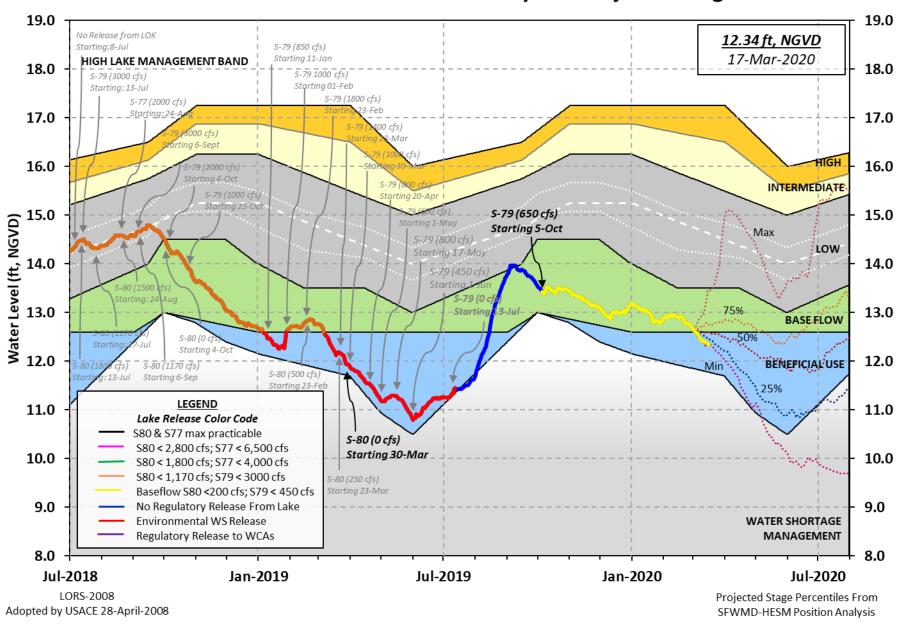
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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.

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 15 MAR 2020

okecenobee Eake I	Regulatio			ear 2YRS Ago (VD) (ft-NGVD)		
	Lake Mng	•	12. of Water S	24 14.37 (0	fficial El	v)
Simulated Avera Difference from		2008 [1965-2000] E LORS2008	13.20 -0.84			
15MAR (1965-200 Difference from		od of Record Ave Prage	rage 14 -2.	.42 06		
Today Lake Okee	chobee e	elevation is dete	ermined fr	om the 4 Int 8	4 Edge st	atior
	pth (Bas	ed on 2007 Chanr ed on 2008 Chanr 44'				.30' .50'
4 Interior and 4	Edge Oke	echobee Lake Ave	erage (Avg	g-Daily values)	:	
L001 L005 L 12.34 12.40 1		240 S4 S352 2.34 12.41 12.4		S133 12.28		
			_			
*Combination Oke	echobee	Avg-Daily Lake	Average =	: 12.36 (*See Note)		
Okeechobee Inflow	ıs (cfs):					
S65E	661	S65EX1	215	Fisheating (
S65E S154	661 0	S65EX1 S191	0	S135 Pumps	0	
S65E S154 S84	661 0 0	S65EX1 S191 S133 Pumps	0 0	S135 Pumps S2 Pumps	0 0	
S65E S154 S84 S84X	661 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	661 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	
S154 S84 S84X	661 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 S72 Total Inflows:	661 0 0 0 0 0 0 880	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: Okeechobee Outflo	661 0 0 0 0 880 0 880	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 Total Inflows: Okeechobee Outflo	661 0 0 0 0 0 880 0 ws (cfs) 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0 500 868	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0	
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts	661 0 0 0 0 880 0 sws (cfs) 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0 500 868 286	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts	661 0 0 0 0 0 880 0 ws (cfs) 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 0 0 0 0 500 868	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0	
S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure	661 0 0 0 880 0 0 880 0 0 0 3041	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : : : : S354 S351 S352 L8 Canal Pt	0 0 0 0 500 868 286 145	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 Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure ****S308 structure Okeechobee Pan Ev	661 0 0 0 880 0 ws (cfs) 0 0 3041 e flow is	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt : being used to on (inches):	0 0 0 0 0 500 868 286 145 compute To	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 Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows: ****S77 structure ****S308 structure Okeechobee Pan Events S77	661 0 0 0 880 0 ws (cfs) 0 0 3041 e flow is re flow i	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : S354 S351 S352 L8 Canal Pt s being used to as being used to	0 0 0 0 0 500 868 286 145 compute To	S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5 S77 S308	0 0 0 0 0	

Evaporation - Precipitation: = -NR-" = -NR-" Evaporation - Precipitation using Lake Area of 730 square miles is equal to -NR-Lake Okeechobee (Change in Storage) Flow is -3832 cfs or -7600 AC-FT

							_				
		Tailwater					te Pos		_		
		Elevation				#3	#4	#5	#6	#7	#8
	(ft-msl)	(ft-msl)					(ft)	(ft)	(ft)	(ft)	(ft)
		(I) see n	ote at	bott	om					
North East S	hore										
S133 Pumps	: 12.81	12.32	0	0	0	0	0	0	(cf:	s)	
S193:									•	,	
S191:	18.84	12.32	0	0.0	a a	-NR-					
S135 Pumps		12.26	0	0		0	0		(cf	د ۱	
S135 Fullys		12.20	_	-	_	U	U		(01:	>)	
2132 Cuive	rts:		0	0.0	0.0						
North West S	hone										
		12 02	CC1	ΩГ	0 0	0 0	ΩГ	ο -	0 0		
S65E:	21.06	12.02	661	0.5	0.0	0.0	0.5	0.5	0.0		
S65EX1:	21.06	12.02	215		_	_	_	_	, ,		
S127 Pumps		12.28	0	0	0	0	0	0	(cf	5)	
S127 Culve	rt:		0	0.0							
S129 Pumps		12.25	0	0	0	0			(cf	s)	
S129 Culve	rt:		0	0.0							
S131 Pumps		12.56	0	0	0				(cf	s)	
S131 Culve	rt:		0								
Fisheating	Creek										
nr Palmd	ale	28.19	3								
nr Lakep	ort										
C5:		-NR-	0	- NR	RNF	R – NF	₹_				
			·				•				
South Shore											
S4 Pumps:	12.34	12.31	0	0	0	0			(cf	- \	
S169:		12.31		5.0					(С1.	٠,	
	12.32	12.32	124	5.0	5.0	5.0					
S310:	12.34		142	_	_	_			, ,		
S3 Pumps:	11.19	12.32	0	0	0	0			(cf:	5)	
S354:	12.32	11.19	500	1.2	1.4						
S2 Pumps:	11.16	-NR -	0	0	0	0	0		(cf:	5)	
S351:	-NR-	11.16	868	1.8	1.8	2.0					
S352:	12.48	10.82	286	0.4	0.7						
C10A:	-NR-	12.50		8.0	8.6	8	.0	0.0	0.0		
L8 Canal P		12.27	145								
	•		5								
	535	1 and S352	Tempora	rv Dim	ns/\$3	254 S					
	333	1 and 3332	. reliipor a	iry run	ip3/32	اد جدر	JIIIW	ау			
S351:	11.16	-NR-	868	-NRN	IR – – NF	R – – NR -	NR	- NR -			
S352:	10.82	12.48	286	-NRN							
S352:				-NRN							
3334;	11.19	12.32	500	- MK IV	1N NF	√INK·	•				
Caloosahatch	ee River (S77 S78	579)								
S47B:			2,2,	0 0							
34/D.											
S47D:	12.44 10.77	10.77 10.78	-48	0.0 6.5	0.0						

```
S77:
   Spillway and Sector Preferred Flow:
              12.28
                       10.67
                                1048 0.0 3.5 3.5 0.0
                                   2
   Flow Due to Lockages+:
 S78:
   Spillway and Sector Flow:
                      2.89
                                 736
                                        1.0 0.0 0.0 1.5
              10.67
   Flow Due to Lockages+:
                                  22
   Spillway and Sector Flow:
               2.99
                                 936
                                        0.3 1.0 1.5 1.0 0.0 0.0 0.0 0.0
                        1.16
   Flow Due to Lockages+:
                                  10
   Percent of flow from S77
                                 112%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              12.28
                        12.26
                                 192 3.0 3.0 3.0 3.0
   Flow Due to Lockages+:
                                   0
 S153:
              18.95
                        12.07
                                  16
                                        0.5 0.0
 S80:
   Spillway and Sector Flow:
              12.24
                       -0.26
                                   0
                                        0.0 0.0 0.0 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                  25
   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:	14.54	14.54	14.77	159	5
S78:	6.86	6.86	6.94	111	2
S79:	1.08	1.08	1.09	110	1
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	38.68	86	5
S80:	0.11	0.11	0.11	78	1
Okeechobee Average	26.61	4.09	4.11		

(Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	- NR -	0.00	0.07

Okeechobee L	ake Elevations	15 MAR 2020	12.36 Difference	from 15MAR20
15MAR20	-1 Day =	14 MAR 2020	12.38	0.02
15MAR20	-2 Days =	13 MAR 2020	12.40	0.04
15MAR20	-3 Days =	12 MAR 2020	12.41	0.05
15MAR20	-4 Days =	11 MAR 2020	12.42	0.06
15MAR20	-5 Days =	10 MAR 2020	12.42	0.06
15MAR20	-6 Days =	09 MAR 2020	12.42	0.06
15MAR20	-7 Days =	08 MAR 2020	12.44	0.08
15MAR20 -	30 Days =	14 FEB 2020	12.92	0.56
15MAR20	-1 Year =	15 MAR 2019	12.24	-0.12
15MAR20	-2 Year =	15 MAR 2018	14.37	2.01

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

				Lake (Okee	chobee	Net Inflo	ow (LONIN)	
		-	٩ver	age Flow	N OV	er the	previous	14 days	Avg-Daily Flow
15MAR20		Today	=	15	MAR	2020	-863	MON	-793
15MAR20	-1	Day	=	14	MAR	2020	-1112	SUN	-995
15MAR20	-2	Days	=	13	MAR	2020	-1188	SAT	835
15MAR20	-3	Days	=	12	MAR	2020	-1580	FRI	-181
15MAR20	-4	Days	=	11	MAR	2020	-1539	THU	1722
15MAR20	-5	Days	=	10	MAR	2020	-1615	WED	2296
15MAR20	-6	Days	=	09	MAR	2020	-1785	TUE	-856
15MAR20	-7	Days	=	08	MAR	2020	-1595	MON	-1511
15MAR20	-8	Days	=	07	MAR	2020	-1254	SUN	-13154
15MAR20	-9	Days	=	06	MAR	2020	-689	SAT	-2787
15MAR20	-10	Days	=	05	MAR	2020	-1258	FRI	134
15MAR20	-11	Days	=	04	MAR	2020	-1258	THU	2576
15MAR20	-12	Days	=	03	MAR	2020	-1408	WED	517
15MAR20	-13	Days	=	02	MAR	2020	-1415	TUE	111
									-

					Se	55E			
				Average	Flow	over	previous	14 days	Avg-Daily Flow
15MAR20		Today	/=	15	MAR	2020	686	MON	761
15MAR20	-1	Day	=	14	MAR	2020	685	SUN	760
15MAR20	-2	Days	=	13	MAR	2020	684	SAT	644
15MAR20	-3	Days	=	12	MAR	2020	706	FRI	724
15MAR20	-4	Days	=	11	MAR	2020	708	THU	632
15MAR20	-5	Days	=	10	MAR	2020	719	WED	506
15MAR20	-6	Days	=	09	MAR	2020	739	TUE	504
15MAR20	-7	Days	=	98	MAR	2020	757	MON	503
15MAR20	-8	Days	=	07	MAR	2020	766	SUN	696
15MAR20	-9	Days	=	06	MAR	2020	765	SAT	750
15MAR20	-10	Days	=	05	MAR	2020	760	FRI	759
15MAR20	-11	Days	=	04	MAR	2020	768	THU	706
15MAR20	-12	Days	=	03	MAR	2020	783	WED	916
15MAR20	-13	Days	=	02	MAR	2020	786	TUE	746

		S65EX1		
		Average Flow over	previous 14 days	Avg-Daily Flow
15MAR20	Today=	15 MAR 2020	283 MON	215
15MAR20	-1 Day =	14 MAR 2020	283 SUN	215
15MAR20	-2 Days =	13 MAR 2020	282 SAT	215

15MAR20 -3 Days =	12 MAR 2020	282 FRI	348
15MAR20 -4 Days =	11 MAR 2020	273 THU	301
15MAR20 -5 Days =	10 MAR 2020	266 WED	425
15MAR20 -6 Days =	09 MAR 2020	251 TUE	423
15MAR20 -7 Days =	08 MAR 2020	252 MON	422
15MAR20 -8 Days =	07 MAR 2020	244 SUN	281
15MAR20 -9 Days =	06 MAR 2020	248 SAT	266
15MAR20 -10 Days =	05 MAR 2020	255 FRI	210
15MAR20 -11 Days =	04 MAR 2020	240 THU	211
15MAR20 -12 Days =	03 MAR 2020	233 WED	212
15MAR20 -13 Days =	02 MAR 2020	225 TUE	213

Lake Okeechobee Outlets Last 14 Days

	C 77	Dala C 77	C 70	c 70	
	S-77	Below S-77	S-78	S-79	
	Discharge	Discharge	Discharge	Discharge	
DATE	(ALL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)	
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
15 MAR 2020		2238	1505	1892	
14 MAR 2020		2042	1100	1193	
13 MAR 2020		1600	633	346	
12 MAR 2020		1678	780	670	
11 MAR 2020		1744	955	971	
10 MAR 2020		1804	1155	1463	
09 MAR 2020	_	2258	1644	2141	
08 MAR 2020	-	1945	1439	1972	
07 MAR 2020		1274	718	1452	
06 MAR 2020		1149	596	505	
05 MAR 2020		1337	598	305	
04 MAR 2020		1352	621	415	
03 MAR 2020		1297	635	971	
02 MAR 2020	1625	1605	990	1468	
	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)
15 MAR 2020		1721	568	795	288
14 MAR 2020		1827	535	837	270
13 MAR 2020		1669	610	775	241
12 MAR 2020		753	171	508	272
11 MAR 2020		470	0	573	312
10 MAR 2020		1254	402	750	320
09 MAR 2020		1775	793	894	181
08 MAR 2020		1449	688	525	151
07 MAR 2020		1794	767	789	283
06 MAR 2020		1986	812	1069	344
05 MAR 2020		2893	909	2112	394
04 MAR 2020		3209	880	2058	352
03 MAR 2020		3129	805	1989	276
02 MAR 2020		2411	350	1773	227
02 MAIN 2020	540	2411	900	1//3	227
	S-308	Below S-30	8 S-80		
	Discharge	Discharge	Discharg	e	
	(ALL DAY)	(ALL-DAY)	(ALL-DAY)	
DATE	(AC-FT)	(AC-FT)	(AC-FT)		
15 MAR 2020		31	51		
14 MAR 2020	692	276	50		
13 MAR 2020	624	158	40		
12 MAR 2020	1019	76	54		
11 MAR 2020	624	209	40		
10 MAR 2020	209	276	42		

09	MAR	2020	1136	262	- NR -
98	MAR	2020	1428	112	41
07	MAR	2020	828	48	23
06	MAR	2020	836	-152	42
05	MAR	2020	273	-88	- NR -
04	MAR	2020	1004	-57	39
03	MAR	2020	814	-31	60
02	MAR	2020	1176	-66	52

*** 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.

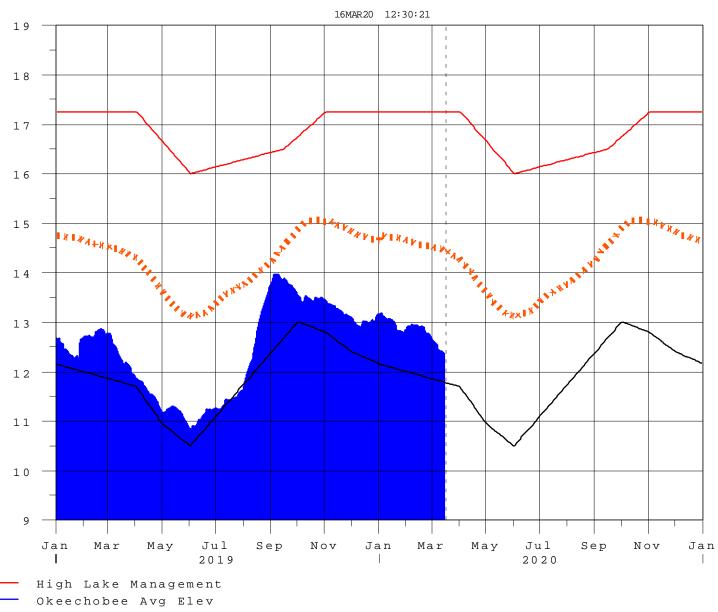
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations

++ 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 16MAR2020 @ 23:38 ** Preliminary Data - Subject to Revision **





Okeechobee Avg Elev
Average Elev [1965-2007]
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

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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