# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 03/09/2020 (ENSO Neutral Condition)

#### **Lake Okeechobee Net Inflow Outlook:**

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method<sup>1</sup>, the SFWMD empirical method<sup>2</sup>, a sub-sampling of Neutral years<sup>3</sup> and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with La Nina ENSO years<sup>4</sup>. 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 <sup>1*</sup>	SFWMD Empirical Method <sup>2</sup>		Neutr	ampling of al ENSO ears <sup>3</sup>	Sub-sampling of AMO Warm + Neutral ENSO Years <sup>4</sup>	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Mar- Aug)	N/A	N/A	1.24	Normal	1.35	Normal	2.03	Very Wet
Multi Seasonal (Mar- Oct)	N/A	N/A N/A		Wet	2.71	Wet	4.10	Wet

<sup>\*</sup>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:

- **-1595 cfs** 14-day running average for Lake Okeechobee Net Inflow through 03/08/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-1.60** for Palmer Index on 3/07/2020. 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 03/08/2020

Lake Okeechobee Stage: 12.44 feet

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	17.25	
0 11 1	High sub-band	16.60	
Operational Band	Intermediate sub-band	15.69	
	Low sub-band	13.50	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	11.81	← 12.44
Water Shortage M	lanagement Band		

#### Part C and Part D of LORS2008:

With Lake Okeechobee stage below the Base-Flow Sub-Band, neither 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 3/9/2020 (ENSO Neutral Condition):

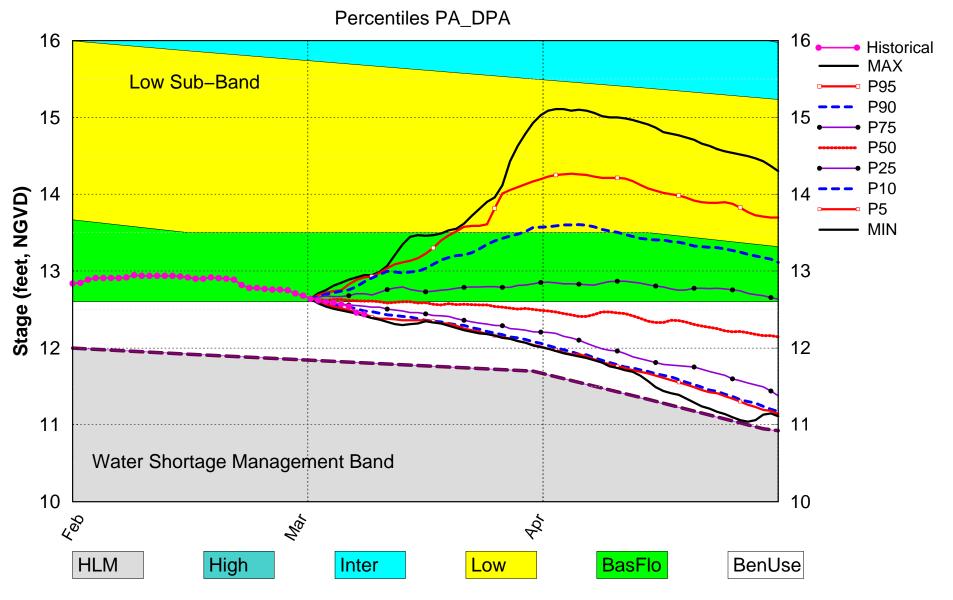
#### Status for week ending 3/9/2020:

**Water Supply Risk Evaluation** 

water ou	pply 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	-1.60 (Dry)	M	
	CPC Precipitation Outlook	1 month: Below Normal	Н	
LOK	CPC Precipitation Outlook	3 months: Normal	L	
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.35 ft (Normal to Extremely Wet)	L	
	LOK Multi-Seasonal Net Inflow Outlook	2.71 ft (Normal)	M	
	ENSO Forecast (positive)	(140111al)		
	WCA 1: 3 Station Average (Site 1-7, Site 1-8T & Site 1-9)	Above Line 1 (16.52 ft)	L	
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.67 ft)	L	
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Above Line 1 (9.08 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	

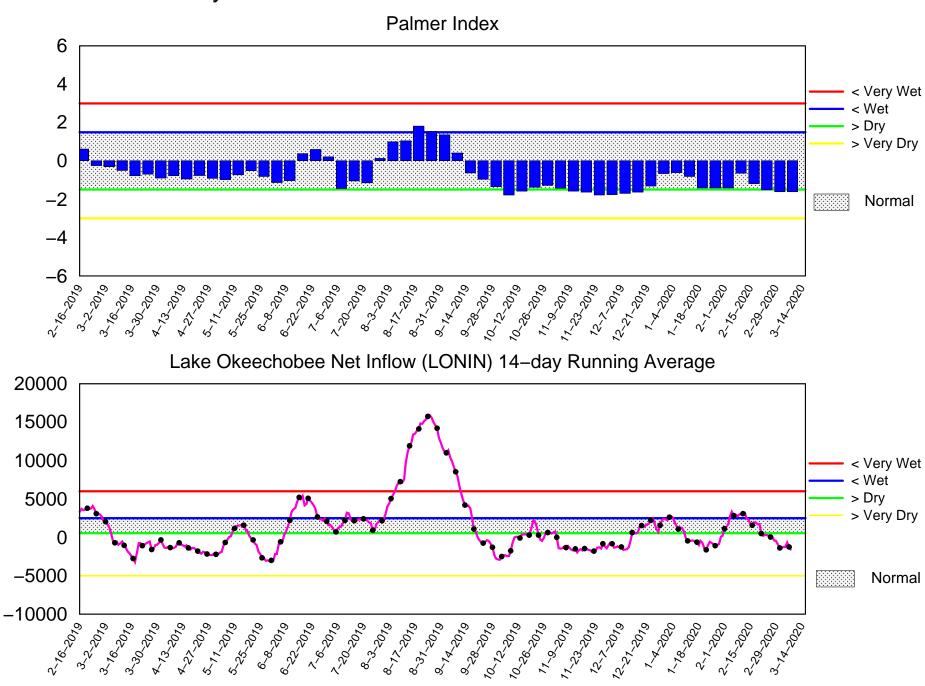
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

# Lake Okeechobee SFWMM Mar 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

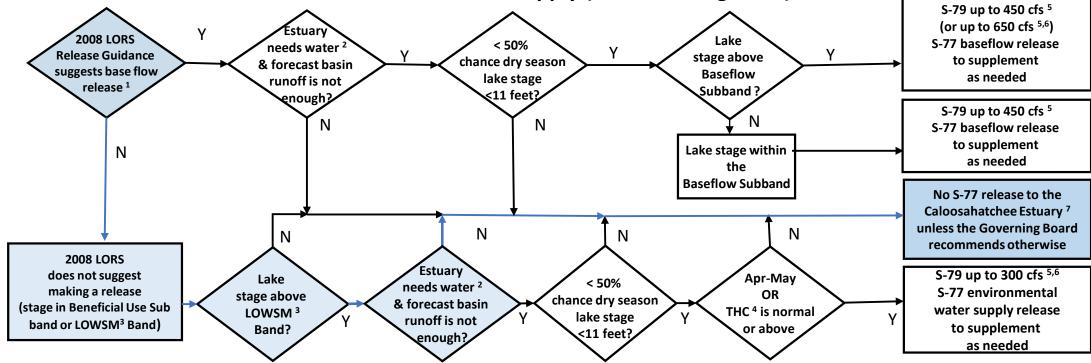
## Tributary Basin Condition Indicators as of March 9 2020



Mon Mar 09 16:11:13 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)



<sup>&</sup>lt;sup>1</sup>The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands.

<sup>&</sup>lt;sup>2</sup>Estuary "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.

<sup>&</sup>lt;sup>3</sup>LOWSM = Lake Okeechobee Water Shortage Management.

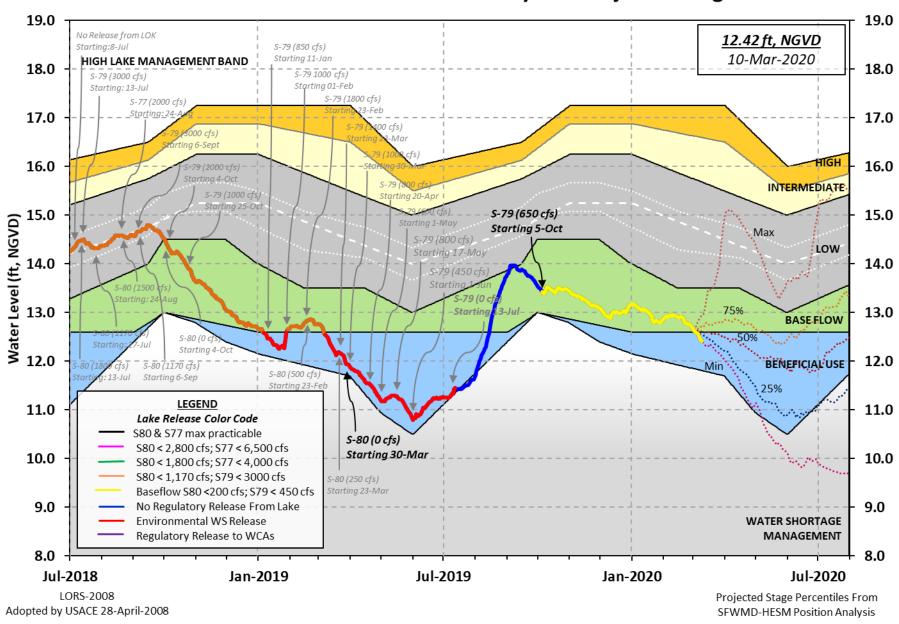
<sup>&</sup>lt;sup>4</sup>Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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

<sup>&</sup>lt;sup>6</sup>After reviewing conditions in Water Conservation Areas (WCAs), Stormwater Treatment Areas (STAs), ENP, St. Lucie Estuary and Lake Okeechobee.

<sup>&</sup>lt;sup>7</sup>Should 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 08 MAR 2020

Data Ending 2400	hours 0 	8 MAR 2020 	<del> </del>		
Okeechobee Lake R	egulation			r 2YRS Ago ) (ft-NGVD)	
*Okeechobee Lak Bottom of High Currently in Op	Lake Mngm	on 12.44 t= 17.25 Top of	12.53 Water Sho	14.58 (Off	
Simulated Avera Difference from			13.26 -0.82		
08MAR (1965-200 Difference from			nge 14.4 -2.05		
Today Lake Okee	chobee el	evation is deter	rmined from	the 4 Int & 4	Edge stations
++Navigation De ++Navigation De Bridge Clearance	pth (Base	d on 2008 Channe	el Conditio	n Survey) Rout n Survey) Rout	e 1 ÷ 6.38' e 2 ÷ 4.58'
4 Interior and 4	Edge Okee	chobee Lake Aver	age (Avg-D	aily values):	
L001 L005 L0	006 LZ4 2.49 12.	0 S4 S352 46 12.71 12.48		133 2.23	
*Combination Oke	echobee	Avg-Daily Lake A		12.44 *See Note)	
Okeechobee Inflow	s (cfs):				
S65E	437	S65EX1		Fisheating Cr	13
S154	0	S191		S135 Pumps	0
S84	0	S133 Pumps		S2 Pumps	0
S84X	0	S127 Pumps S129 Pumps		S3 Pumps	0
S71 S72	0 0	S131 Pumps		S4 Pumps C5	0 0
Total Inflows:	873	3131 Fumps	ð	CJ	ð
Okeechobee Outfloo	ws (cfs):				
S135 Culverts	0	S354	374	S77	- NR -
S127 Culverts	0	S351	731	S308	57
S129 Culverts	0	S352	347		
S131 Culverts	0	L8 Canal Pt	76		
Total Outflows:	No Report	Due To Missing	577 or 530	8 Discharge Da	ta
****S77 structure ****S308 below flo					
Okeechobee Pan Ev	-	•	0.4-		
S77 Average Pan Eva	-NR- p x 0.75	S308 Pan Coefficient	0.17 = -NR-" =	-NR-'	

Evaporation - Precipitation: = -NR-" = -NR-" Evaporation - Precipitation using Lake Area of 730 square miles is equal to -NR-Lake Okeechobee (Change in Storage) Flow is -3933 cfs or -7800 AC-FT

							_				
		Tailwater							ıs		
		Elevation				#3	#4	#5	#6	#7	#8
	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
		(	I) see i	note at	bott	om					
North East S	hore										
S133 Pumps	: 12.95	12.34	0	0	0	0	0	0	(cfs	5)	
S193:			•	-	_			_	(	,	
S191:	19.17	12.34	0	0.0	0 0	-NR-					
		12.27	0	0.0	0.0		0		( ~ £ .	- \	
S135 Pumps		12.27	-		-	0	0		(cfs	>)	
S135 Culve	rts:		0	0.0	0.0						
North West S	hore										
S65E:	20.95	12.22	437	0.0	0.0	0.5	0.5	0.0	0.0		
S65EX1:	20.95	12.22	422								
S127 Pumps	: 13.20	12.34	0	0	0	0	0	0	(cfs	5)	
S127 Culve			0	0.0					`	,	
JIL/ CUIVE			·	0.0							
S129 Pumps	: 12.74	12.49	0	0	0	0			(cfs	- )	
S129 Culve		12.49			Ð	U			(013	)	
SIZ9 Cuive	rt:		0	0.0							
			_		_				, ,		
S131 Pumps		12.55	0	0	0				(cfs	5)	
S131 Culve	rt:		0								
Fisheating	Creek										
nr Palmd	ale	28.62	13								
nr Lakep	ort										
C5:		-NR-	0	- NR	R – NF	R – NF	₹ –				
<b>c</b> 5.		1411	Ū				`				
South Shore											
S4 Pumps:	12.16	12.53	a	a	0	0			(cfs	- \	
•			177	0		_			(013	>)	
S169:	12.59	12.18	177	1.0	1.0	1.0					
S310:	12.46		180								
S3 Pumps:	11.03	12.53	0	0	0	0			(cfs	5)	
S354:	12.53	11.03	374	1.1	1.0						
S2 Pumps:	10.92	-NR -	0	0	0	0	0		(cfs	5)	
S351:	-NR-	10.92	731	1.3	1.4	1.4					
S352:	12.43	10.90	347	1.1	1.1						
C10A:											
	- NR -	12 53		8 0		9 8	a	a a	a a		
	-NR-	12.53	76	8.0	8.6	8	.0 6	0.0	0.0		
L8 Canal P		12.53 12.37	76	8.0		8	.0 (	0.0	0.0		
			76	8.0		8	.0 (	0.0	0.0		
	Τ	12.37			8.6				0.0		
	Τ				8.6				0.0		
L8 Canal P	T S35	12.37 1 and S352	Tempora	ary Pum	8.6 nps/S3	354 S <sub>ļ</sub>	oillwa	ay	0.0		
L8 Canal P	S35	12.37 1 and S352 -NR-	Tempora	ary Pum	8.6 nps/S3	354 Sp	oillwa	ay	0.0		
L8 Canal P	T S35	12.37 1 and S352	Tempora	ary Pum	8.6 nps/S3	354 Sp	oillwa	ay	0.0		
L8 Canal P	S35	12.37 1 and S352 -NR-	Tempora	ary Pum	8.6 nps/S3 IRNF	354 Sp RNR- RNR-	oillwa NR	ay	0.0		
L8 Canal P  S351: S352:	S35 10.92 10.90	12.37  1 and S352  -NR- 12.43	731 347	ary Pum -NRN -NRN	8.6 nps/S3 IRNF	354 Sp RNR- RNR-	oillwa NR	ay	0.0		
L8 Canal P  S351: S352:	S35 10.92 10.90	12.37  1 and S352  -NR- 12.43	731 347	ary Pum -NRN -NRN	8.6 nps/S3 IRNF	354 Sp RNR- RNR-	oillwa NR	ay	0.0		
S351: S352: S354:	S35 10.92 10.90 11.03	12.37 1 and S352 -NR- 12.43 12.53	731 347 374	ary Pum -NRN -NRN	8.6 nps/S3 IRNF	354 Sp RNR- RNR-	oillwa NR	ay	0.0		
S351: S352: S354: Caloosahatch	S35 10.92 10.90 11.03 ee River (	12.37  1 and S352  -NR- 12.43 12.53  S77, S78,	731 347 374	ary Pum -NRN -NRN	8.6 nps/S3 IRNF IRNF	354 Sp RNR- RNR-	oillwa NR	ay	0.0		
S351: S352: S354:	S35 10.92 10.90 11.03	12.37 1 and S352 -NR- 12.43 12.53	731 347 374	ary Pum -NRN -NRN	8.6 nps/S3 IRNF IRNF	354 Sp RNR- RNR-	oillwa NR	ay	0.0		

```
S77:
   Spillway and Sector Preferred Flow:
              12.38
                       10.82
                                836 0.0 3.0 3.0 0.0
   Flow Due to Lockages+:
                                 -NR-
 S78:
   Spillway and Sector Flow:
                      2.83
                                  701
                                        1.0 0.0 0.0 1.5
              10.84
   Flow Due to Lockages+:
                                   12
   Spillway and Sector Flow:
               2.92
                       -0.14
                                  976
                                        0.0 1.0 1.0 1.0 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                  12
   Percent of flow from S77
                                   86%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              12.28
                        12.31
                                   57 3.0 3.0 3.0 3.0
   Flow Due to Lockages+:
                                   0
 S153:
              18.81
                        12.11
                                   0
                                        0.0 0.0
 S80:
   Spillway and Sector Flow:
              12.35
                                    0
                                        0.0 0.0 0.0 0.0 0.0 0.0 0.0
                       1.71
   Flow Due to Lockages+:
                                   21
   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) ****
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- + 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	14.31	133	2
S78:	6.78	6.80	6.80	10	1
S79:	1.07	1.07	1.07	27	4
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	125	4
S80:	0.11	0.12	0.12	103	8
Okeechobee Average	26.50	4.08	4.08		

#### (Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	0.00	0.00	0.00

Okeechobee	Lake	e Elev	vations	98	MAR	2020	12.44	Difference from	08MAR20
08MAR20	-1	Day	=	07	MAR	2020	12.46	0.02	2
08MAR20	-2	Days	=	06	MAR	2020	12.54	0.10	9
08MAR20	-3	Days	=	05	MAR	2020	12.57	0.13	3
08MAR20	-4	Days	=	04	MAR	2020	12.59	0.1	5
08MAR20	-5	Days	=	03	MAR	2020	12.60	0.16	5
08MAR20	-6	Days	=	02	MAR	2020	12.62	0.18	3
08MAR20	-7	Days	=	01	MAR	2020	12.64	0.20	9
08MAR20	-30	Days	=	07	FEB	2020	12.95	0.53	1
08MAR20	-1	Year	=	98	MAR	2019	12.53	0.09	9
08MAR20	-2	Year	=	08	MAR	2018	14.58	2.14	4

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

Lake Okeechobee Net Inflow (LONIN)									
	Average Flow	over the previou	s 14 days	Avg-Daily Flow					
08MAR20 Toda	y = 08 M	MAR 2020 -159	5 MON	-1511					
08MAR20 -1 Day	= 07 M	MAR 2020 -125	4 SUN	-13154					
08MAR20 -2 Day	s = 06 M	1AR 2020 -68	9 SAT	-2787					
08MAR20 -3 Day	s = 05 M	MAR 2020 -125	8 FRI	134					
08MAR20 -4 Day	s = 04 M	MAR 2020 -125	8 THU	2576					
08MAR20 -5 Day	s = 03 M	MAR 2020 -140	8 WED	517					
08MAR20 -6 Day	s = 02 M	MAR 2020 -141	5 TUE	111					
08MAR20 -7 Day	s = 01 M	1AR 2020 -94	9 MON	-4270					
08MAR20 -8 Day	s = 29 F	EB 2020 -50	4 SUN	-2070					
08MAR20 -9 Day	s = 28 F	EB 2020 -44	3 SAT	-4648					
08MAR20 -10 Day	s = 27 F	EB 2020 -3	9 FRI	395					
08MAR20 -11 Day	s = 26 F	EB 2020	3 THU	657					
08MAR20 -12 Day	s = 25 F	EB 2020 17	3 WED	-81					
08MAR20 -13 Day	s = 24 F	EB 2020 30	2 TUE	1804					

_										
						Se	55E			
					Average	Flow	w over	previous	14 days	Avg-Daily Flow
	08MAR20		Today	/=	08	MAR	2020	758	MON	503
	08MAR20	-1	Day	=	07	MAR	2020	767	SUN	709
	08MAR20	-2	Days	=	06	MAR	2020	765	SAT	740
	08MAR20	-3	Days	=	05	MAR	2020	761	FRI	768
	08MAR20	-4	Days	=	04	MAR	2020	768	THU	717
	08MAR20	-5	Days	=	03	MAR	2020	782	WED	909
	08MAR20	-6	Days	=	02	MAR	2020	786	TUE	746
	08MAR20	-7	Days	=	01	MAR	2020	802	MON	744
	08MAR20	-8	Days	=	29	FEB	2020	828	SUN	739
	08MAR20	-9	Days	=	28	FEB	2020	841	SAT	965
	08MAR20	-10	Days	=	27	FEB	2020	830	FRI	742
	08MAR20	-11	Days	=	26	FEB	2020	828	THU	786
	08MAR20	-12	Days	=	25	FEB	2020	818	WED	785
	08MAR20	-13	Days	=	24	FEB	2020	811	TUE	-NR-

			S65EX1				
		Average	Flow over	previous	14 days		Avg-Daily Flow
08MAR20	Today=	08	MAR 2020	252	MON		422
08MAR20	-1 Day =	07	MAR 2020	244	SUN		281
08MAR20	-2 Days =	06	MAR 2020	248	SAT	ĺ	266

08MAR20 -3 Days	s = 05	MAR 2020	255 F	RI	210
08MAR20 -4 Days	s = 04	MAR 2020	240 1	THU	211
08MAR20 -5 Day:	s = 03	MAR 2020	233 V	VED	212
08MAR20 -6 Days	s = 02	MAR 2020	225 1	TUE	213
08MAR20 -7 Days	s = 01	MAR 2020	210 N	10N	214
08MAR20 -8 Days	s = 29	FEB 2020	197	SUN	213
08MAR20 -9 Day	s = 28	FEB 2020	182	SAT	214
08MAR20 -10 Day	s = 27	FEB 2020	174 F	RI	213
08MAR20 -11 Days	s = 26	FEB 2020	168 7	THU	210
08MAR20 -12 Day	s = 25	FEB 2020	177 V	IED	209
08MAR20 -13 Day	s = 24	FEB 2020	183 7	TUE	436

Lake Okeechobee Outlets Last 14 Days

S-77 Discharge (ALL DAY) DATE (AC-FT)  08 MAR 2020 -NR- 07 MAR 2020 1159 06 MAR 2020 1024 05 MAR 2020 1092 03 MAR 2020 1092 03 MAR 2020 1289 02 MAR 2020 1625 01 MAR 2020 1563 29 FEB 2020 1445 28 FEB 2020 758 27 FEB 2020 144 26 FEB 2020 546 25 FEB 2020 1378 24 FEB 2020 1588		S-78 Discharge (ALL DAY) (AC-FT) 1439 718 596 598 621 635 990 1436 781 790 402 614 792 1316	S-79 Discharge (ALL DAY) (AC-FT) 1972 1452 505 305 415 971 1468 1761 1488 394 714 910 1076 1539	
S-310	S-351	S-352	S-354	L8 Canal Pt
Discharge		Discharge	Discharge	Discharge
(ALL DAY)		(ALL DAY)	(ALL DAY)	(ALL DAY)
DATE (AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
08 MAR 2020 356	1449	688	525	151
07 MAR 2020 171	1794	767	789	283
06 MAR 2020 281	1986	812	1069	344
05 MAR 2020 316	2893	909	2112	394
04 MAR 2020 314	3209	880	2058	352
03 MAR 2020 350	3129	805	1989	276
02 MAR 2020 346	2411	350	1773	227
01 MAR 2020 197	2664	79	1753	246
29 FEB 2020 218	2929	582	1787	270
28 FEB 2020 148	3013	420	1721	254
27 FEB 2020 56	2387	0	1329	279
26 FEB 2020 10	0	0	0	216
25 FEB 2020 107	954	0	720	193
24 FEB 2020 157	2047	0	- NR -	183
S-308	Below S-30	8 S-80		
Discharge	. Discharge	Discharg	e	
(ALL DAY)		(ALL-DAY		
DATE (AC-FT)	(AC-FT)	(AC-FT)		
08 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
01	MAR	2020	1381	138	52
29	FEB	2020	1047	96	35
28	FEB	2020	1222	28	31
27	FEB	2020	600	280	31
26	FEB	2020	557	23	28
25	FEB	2020	876	21	48
24	FEB	2020	1141	-13	26

\*\*\* 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.

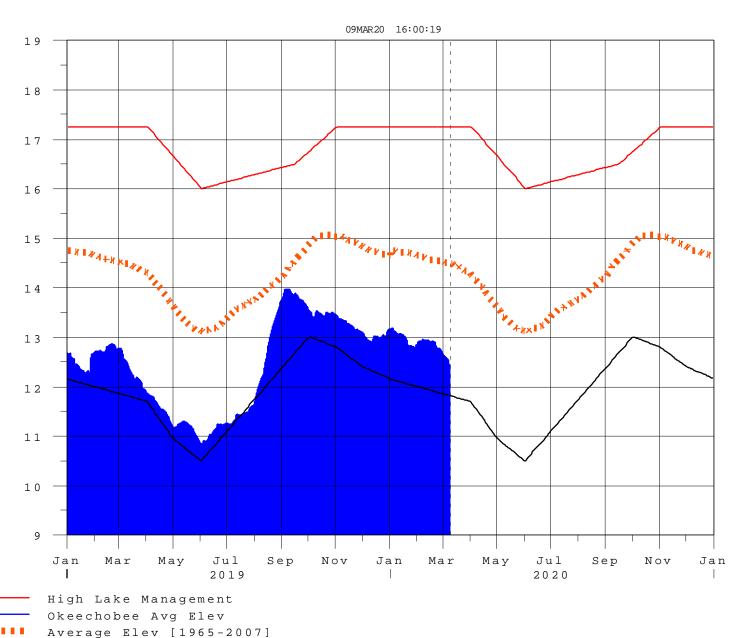
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 09MAR2020 @ 15:38 \*\* 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

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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

<sup>\*</sup> 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

<sup>\*\*</sup>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

<sup>\*\*</sup>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	

<sup>\*</sup> Corresponds to Table 7-6 in the Lake Okeechobee Water Control Plan

**Under Construction**