# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 04/06/2020 (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>		Neuti	ampling of ral 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 (Apr- Sep)	N/A	N/A	1.93 Wet		2.04	Very Wet	2.92	Very Wet	
Multi Seasonal (Apr-Oct)			2.63	Wet	2.59	Wet	3.98	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:

- **-2925 cfs** 14-day running average for Lake Okeechobee Net Inflow through 04/06/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-2.68** for Palmer Drought Index on 04/04/2020. 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 04/06/2020

Lake Okeechobee Stage: 11.67 feet

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	17.17	
	High sub-band	16.43	
Operational Band	Intermediate sub-band	15.46	
	Low sub-band	13.50	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	11.58	← 11.67 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 04/06/2020 (ENSO Neutral Condition):

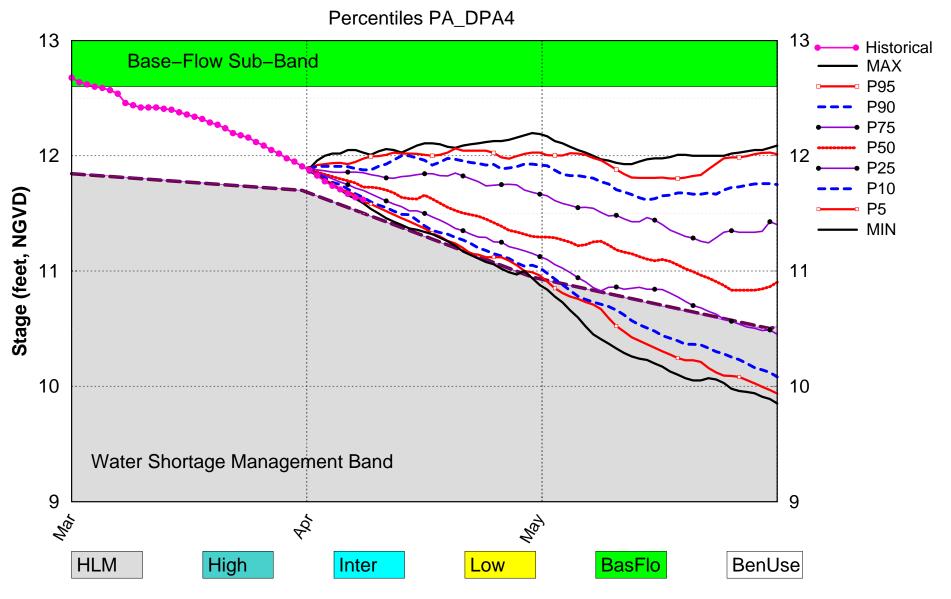
### Status for week ending 4/6/2020:

**Water Supply Risk Evaluation** 

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Water Shortage Management band	Н
	Palmer Index for LOK Tributary Conditions	-2.68 (Extremely Dry)	н
	CPC Precipitation Outlook	1 month: Normal	L
LOK	CFC FIECIPITATION OUTIOOK	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	2.04 ft (Normal)	L
	LOK Multi-Seasonal Net Inflow Outlook	2.59 ft (Normal)	M
	ENSO Forecast (positive) WCA 1: 3 Station Average (Site 1-7, Site 1-8T & Site 1-9)	Above Line 1 (16.19 ft)	L
WCAs	WCA 2A: Site S-11B	Below Line 2 (10.41 ft)	Н
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Line 1- Line 2 (8.64 ft)	M
	Service Area 1	Year-Round Irrigation Rule in effect	٦
LEC	Service Area 2	Year-Round Irrigation Rule in effect	Н
	Service Area 3	Year-Round Irrigation Rule in effect	M

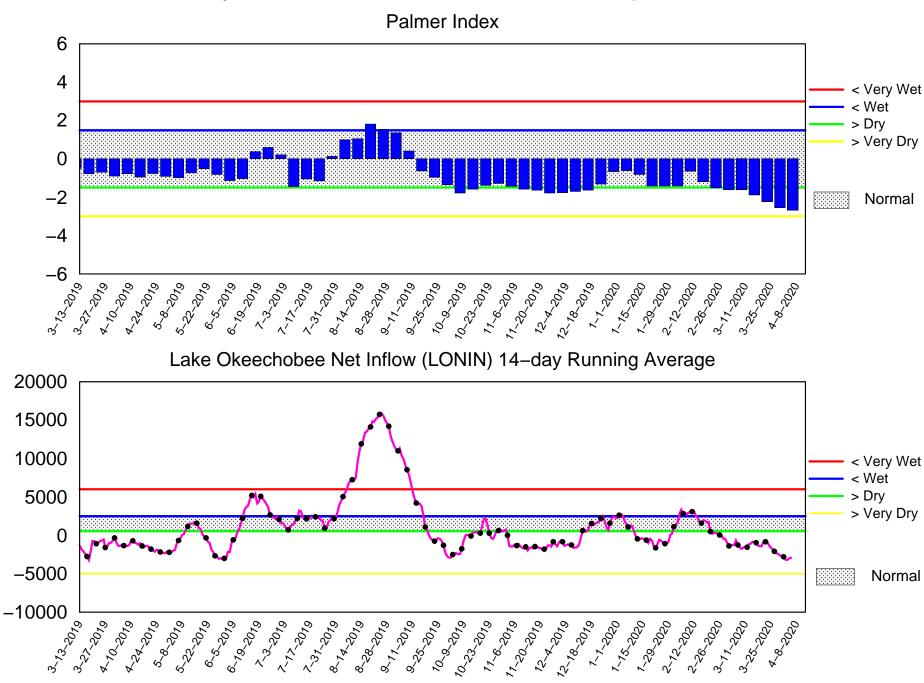
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

# Lake Okeechobee SFWMM Apr 2020 Position Analysis



(See assumptions on the Position Analysis Results website)

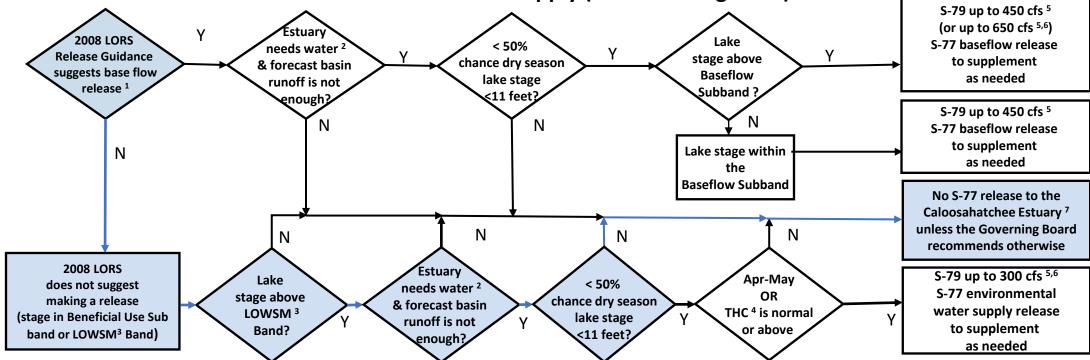
# Tributary Basin Condition Indicators as of April 6 2020



Mon Apr 06 14:25:09 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.

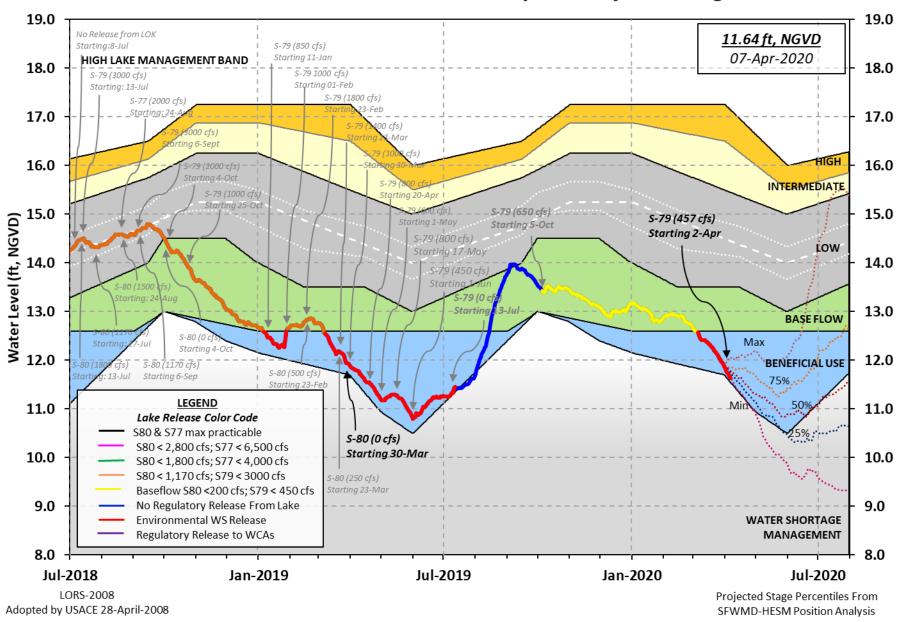
<sup>&</sup>lt;sup>4</sup>Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

<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 07 APR 2020

	Regulatio			ear 2YRS Ago (D) (ft-NGVD)	
	Lake Mng	, ,	11.7 of Water Sh	'9 13.62 (Of	ficial Elv) .53
Simulated Avera Difference from		008 [1965-2000] LORS2008	12.88 -1.26		
07APR (1965-200 Difference from		d of Record Aver rage	rage 14. -2.5		
Today Lake Okee	chobee e	levation is dete	ermined fro	om the 4 Int &	4 Edge statio
	pth (Base	ed on 2007 Chanr ed on 2008 Chanr 1'			
4 Interior and 4	Edge Oke	echobee Lake Ave	erage (Avg-	Daily values):	
		40 S4 S352 .60 11.67 11.6		S133 11.56	
*Combination Oke	echobee	Avg-Daily Lake	Average =	11.62 (*See Note)	
Okeechobee Inflow	ıs (cfs):				
S65E	225	S65EX1	0	Fisheating Cr	0
S154	0	S191	0	S135 Pumps	0
S84	0	S133 Pumps	0	S2 Pumps	0
S84X	0	S127 Pumps	0	S3 Pumps	0
S84X S71	0	S127 Pumps S129 Pumps	0 0	S3 Pumps S4 Pumps	0 0
S84X	0	S127 Pumps	0	S3 Pumps	0
S84X S71 S72 Total Inflows:	0 0 0 225	S127 Pumps S129 Pumps S131 Pumps	0 0	S3 Pumps S4 Pumps	0 0
S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts	0 0 0 225	S127 Pumps S129 Pumps S131 Pumps	0 0 0	S3 Pumps S4 Pumps C5	0 0 0 716
S84X S71 S72 Total Inflows: Okeechobee Outflo S135 Culverts S127 Culverts	0 0 0 225 ows (cfs)	S127 Pumps S129 Pumps S131 Pumps : : : S354 S351	0 0 0 432 902	S3 Pumps S4 Pumps C5	0 0 0
S84X S71 S72 Total Inflows:  Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts	0 0 0 225 ows (cfs) 0	\$127 Pumps \$129 Pumps \$131 Pumps \$354 \$351 \$352	0 0 0 432 902 256	S3 Pumps S4 Pumps C5	0 0 0 716
S84X S71 S72 Total Inflows:  Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts	0 0 0 225 ows (cfs) 0 0 0	S127 Pumps S129 Pumps S131 Pumps : : : S354 S351	0 0 0 432 902	S3 Pumps S4 Pumps C5	0 0 0 716
S84X S71 S72 Total Inflows:  Okeechobee Outflo S135 Culverts S127 Culverts S129 Culverts S131 Culverts	0 0 0 225 ows (cfs) 0 0	\$127 Pumps \$129 Pumps \$131 Pumps \$354 \$351 \$352	0 0 0 432 902 256	S3 Pumps S4 Pumps C5	0 0 0 716
S84X S71 S72 Total Inflows:  Okeechobee Outflows: S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows:	0 0 0 225 0ws (cfs) 0 0 0 2226	S127 Pumps S129 Pumps S131 Pumps : : : S354 S351 S352 L8 Canal Pt	0 0 0 432 902 256 110	S3 Pumps S4 Pumps C5 S77 S308	0 0 0 716
S84X S71 S72 Total Inflows:  Okeechobee Outfloo S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows:  ****S77 structure ****S308 structure	0 0 0 225 ows (cfs) 0 0 0 2226 e flow is	S127 Pumps S129 Pumps S131 Pumps  : S354 S351 S352 L8 Canal Pt  being used to compose to	0 0 0 432 902 256 110 compute Tot	S3 Pumps S4 Pumps C5 S77 S308	0 0 0 716
S84X S71 S72 Total Inflows:  Okeechobee Outfloo S135 Culverts S127 Culverts S129 Culverts S131 Culverts Total Outflows:  ****S77 structure ****S308 structure Okeechobee Pan Events S77	0 0 0 225 0ws (cfs) 0 0 0 2226 e flow is re flow i	S127 Pumps S129 Pumps S131 Pumps  : S354 S351 S352 L8 Canal Pt  being used to compare to be being used to be being used to be be being used to be being used to be being used to be be being used to b	0 0 0 432 902 256 110 compute Tot compute To	S3 Pumps S4 Pumps C5  S77 S308  cal Outflow.	0 0 0 716

Evaporation - Precipitation: = -NR-" = -NR-" Evaporation - Precipitation using Lake Area of 730 square miles is equal to -NR-Lake Okeechobee (Change in Storage) Flow is -3529 cfs or -7000 AC-FT

						_					
		Tailwater					te Pos		_		
		Elevation				#3	#4	#5	#6	#7	#8
	(ft-msl)	(ft-msl)					(ft)	(ft)	(ft)	(ft)	(ft)
		( ]	I) see r	note at	: bott	com					
North East S											
S133 Pumps	: 12.24	11.64	0	0	0	0	0	0	(cf	5)	
S193:											
S191:	18.17	11.61	0	0.0	0.0	0.0					
S135 Pumps	: 11.34	11.53	0	0	0	0	0		(cfs	5)	
S135 Culve	rts:		0	0.0	0.0						
North West S	hore										
S65E:	21.18	11.48	225	0 0	0 0	0 0	0.2	0 0	0.0		
	21.18	11.48		0.0	-0.0	0.0	0.2	0.0	0.0		
S65EX1:			0 0	0	0	0	0	0	( 6.5	- \	
S127 Pumps		11.69	-		0	0	0	0	(cfs	>)	
S127 Culve	rt:		0	0.0							
S129 Pumps	: 12.12	11.08	0	0	0	0			(cfs	5)	
S129 Culve		11.00	0	0.0	ŭ	Ŭ			(0	- /	
SIZS CUIVE			J	0.0							
S131 Pumps	: 12.40	11.87	0	0	0				(cfs	5)	
S131 Culve			0						`	•	
Fisheating	Creek										
nr Palmd	ale	27.54	0								
nr Lakep	ort										
C5:		-NR-	0	-NR	R NF	RNI	₹-				
Cauth Chana											
South Shore	11 11	11 55	0	•	•	0			/ - C.	- \	
S4 Pumps:	11.41	11.55	0	0		0			(cf	5)	
S169:	11.53	11.50	109	5.0	4.8	5.1					
S310:	11.51	44.40	167	•	_	•			, ,		
S3 Pumps:	10.86	11.48	0	0	0	0			(cf	5)	
S354:	11.48	10.86	432	1.0		_	_		, ,		
S2 Pumps:	10.74	-NR-	0	0	0	0	0		(cf	5)	
S351:	-NR-	10.74	902	1.6		1.6					
S352:	11.61	10.72	256	1.1							
C10A:	-NR-	11.69		8.0	8.6	8	.0	0.0	0.0		
L8 Canal P	Γ	11.49	110								
	S35:	1 and S352	Tempora	ary Pum	nps/S3	 354 Sı	oillwa				
				,				•			
S351:	10.74	-NR -	902	-NRN	IR – – NF	RNR	NR	-NR-			
S352:	10.72	11.61	256	-NRN	IRNF	RNR	-				
S354:	10.86	11.48	432	-NRN	IR – – NF	R – – NR	-				
Caloosahatch	ee River (	S77, S78. S	S79)								
S47B:	11.60	11.00	/	0.0	0.0						
S47D:	10.95	10.95	-9	6.4	0.0						
3.75.	20.00	-0.00	_	3.4							

```
S77:
   Spillway and Sector Preferred Flow:
              11.49
                        10.83
                                 716 0.0 3.5 3.5 0.0
                                    0
   Flow Due to Lockages+:
 S78:
   Spillway and Sector Flow:
                       2.96
                                  338
                                        1.0 0.0 0.0 0.0
              10.86
   Flow Due to Lockages+:
                                    2
   Spillway and Sector Flow:
                         0.79
                                  444
                                         0.0 0.0 0.5 1.0 0.0 0.0 0.0 0.0
               3.03
   Flow Due to Lockages+:
                                    3
   Percent of flow from S77
                                  161%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              24.91
                        11.49
                                 -190 3.0 3.0 3.0 3.0
   Flow Due to Lockages+:
                                    0
 S153:
              18.98
                        11.30
                                    0
                                        0.0 0.0
 S80:
   Spillway and Sector Flow:
              11.53
                                    0
                                         0.0 0.0 0.0 0.0 0.0 0.0 0.0
                        2.19
   Flow Due to Lockages+:
                                   13
   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:	0.00	0.32	0.32	145	4
S78:	0.00	0.18	0.18	26	0
S79:	1.82	2.44	2.44	285	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:	38.73	38.76	38.76	114	5
S80:	1.04	1.92	1.92	200	0
Okeechobee Average	19.36	3.01	3.01		

Oke Nexrad Basin	Avg	- NR -	0.00	0.00

Okeechobee Lake Elevations	07 APR 2020	11.62 Difference	from 07APR20
07APR20 -1 Day =	06 APR 2020	11.64	0.02
07APR20 -2 Days =	05 APR 2020	11.67	0.05
07APR20 -3 Days =	04 APR 2020	11.71	0.09
07APR20 -4 Days =	03 APR 2020	11.74	0.12
07APR20 -5 Days =	02 APR 2020	11.78	0.16
07APR20 -6 Days =	01 APR 2020	11.83	0.21
07APR20 -7 Days =	31 MAR 2020	11.88	0.26
07APR20 -30 Days =	08 MAR 2020	12.44	0.82
07APR20 -1 Year =	07 APR 2019	11.79	0.17
07APR20 -2 Year =	07 APR 2018	13.62	2.00

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

		Lake 0k	eechobee	Net Inflo	ow (LONIN)	
	Average	e Flow	over the	previous	14 days	Avg-Daily Flow
Today	=	07 A	PR 2020	-3340	WED	-1113
-1 Day	=	06 A	PR 2020	-3562	TUE	-2436
-2 Days	=	05 A	PR 2020	-3687	MON	-3881
-3 Days	=	04 A	PR 2020	-3384	SUN	-1896
-4 Days	=	03 A	PR 2020	-3570	SAT	-3771
-5 Days	=	02 A	PR 2020	-3424	FRI	-5826
-6 Days	=	01 A	PR 2020	-2807	THU	-5823
-7 Days	=	31 M	AR 2020	-2414	WED	-2005
-8 Days	=	30 M	AR 2020	-2269	TUE	-3585
-9 Days	=	29 M	AR 2020	-1871	MON	-2262
-10 Days	=	28 M	AR 2020	-1688	SUN	-4138
-11 Days	=	27 M	AR 2020	-1295	SAT	-NR-
-12 Days	=	26 M	AR 2020	-1058	FRI	-NR-
-13 Days	=	25 M	AR 2020	-970	THU	-NR-
	Today -1 Day -2 Days -3 Days -4 Days -5 Days -6 Days -7 Days -8 Days -9 Days -10 Days -11 Days -12 Days		Average Flow of Today = 07 AF   -1 Day = 06 AF   -2 Days = 05 AF   -3 Days = 04 AF   -4 Days = 03 AF   -5 Days = 02 AF   -6 Days = 01 AF   -7 Days = 31 M/   -8 Days = 30 M/   -9 Days = 29 M/   -10 Days = 27 M/   -12 Days = 26 M/	Average Flow over the Today = 07 APR 2020   -1 Day = 06 APR 2020   -2 Days = 05 APR 2020   -3 Days = 04 APR 2020   -4 Days = 03 APR 2020   -5 Days = 02 APR 2020   -6 Days = 01 APR 2020   -7 Days = 31 MAR 2020   -8 Days = 30 MAR 2020   -9 Days = 29 MAR 2020   -10 Days = 28 MAR 2020   -11 Days = 27 MAR 2020   -12 Days = 26 MAR 2020	Average Flow over the previous Today = 07 APR 2020 -3340 -1 Day = 06 APR 2020 -3562 -2 Days = 05 APR 2020 -3687 -3 Days = 04 APR 2020 -3384 -4 Days = 03 APR 2020 -3384 -4 Days = 03 APR 2020 -3570 -5 Days = 02 APR 2020 -3424 -6 Days = 01 APR 2020 -2807 -7 Days = 31 MAR 2020 -2414 -8 Days = 30 MAR 2020 -2269 -9 Days = 29 MAR 2020 -1871 -10 Days = 28 MAR 2020 -1688 -11 Days = 26 MAR 2020 -1058	-1 Day = 06 APR 2020 -3562 TUE -2 Days = 05 APR 2020 -3687 MON -3 Days = 04 APR 2020 -3384 SUN -4 Days = 03 APR 2020 -3570 SAT -5 Days = 02 APR 2020 -3424 FRI -6 Days = 01 APR 2020 -2807 THU -7 Days = 31 MAR 2020 -2414 WED -8 Days = 30 MAR 2020 -2269 TUE -9 Days = 29 MAR 2020 -1871 MON -10 Days = 28 MAR 2020 -1688 SUN -11 Days = 27 MAR 2020 -1295 SAT -12 Days = 26 MAR 2020 -1058 FRI

					Se	55E			
				Average	Flow	v over	previous	14 days	Avg-Daily Flow
07APR20		Today	<b>y</b> =	07	APR	2020	365	WED	270
07APR20	-1	Day	=	06	APR	2020	392	TUE	494
07APR20	-2	Days	=	05	APR	2020	394	MON	370
07APR20	-3	Days	=	04	APR	2020	415	SUN	366
07APR20	-4	Days	=	03	APR	2020	443	SAT	169
07APR20	-5	Days	=	02	APR	2020	486	FRI	346
07APR20	-6	Days	=	01	APR	2020	502	THU	209
07APR20	-7	Days	=	31	MAR	2020	536	WED	340
07APR20	-8	Days	=	30	MAR	2020	560	TUE	340
07APR20	-9	Days	=	29	MAR	2020	582	MON	312
07APR20	-10	Days	=	28	MAR	2020	614	SUN	351
07APR20	-11	Days	=	27	MAR	2020	644	SAT	394
07APR20	-12	Days	=	26	MAR	2020	662	FRI	517
07APR20	-13	Days	=	25	MAR	2020	677	THU	633

			S65EX1				
		Average	Flow over	previous	14 days		Avg-Daily Flow
07APR20	Today=	07	APR 2020	4	WED		0
07APR20	-1 Day =	06	APR 2020	4	TUE		0
07APR20	-2 Days =	05	APR 2020	5	MON	ĺ	0

07APR20	-3	Days	=	04	APR	2020	10	SUN		0
07APR20	-4	Days	=	03	APR	2020	10	SAT	ĺ	0
07APR20	-5	Days	=	02	APR	2020	10	FRI		0
07APR20	-6	Days	=	01	APR	2020	10	THU		0
07APR20	-7	Days	=	31	MAR	2020	14	WED		0
07APR20	-8	Days	=	30	MAR	2020	26	TUE		0
07APR20	-9	Days	=	29	MAR	2020	38	MON		0
07APR20	-10	Days	=	28	MAR	2020	53	SUN		18
07APR20	-11	Days	=	27	MAR	2020	67	SAT		45
07APR20	-12	Days	=	26	MAR	2020	79	FRI		0
07APR20	-13	Days	=	25	MAR	2020	104	THU		0

Lake Okeechobee Outlets Last 14 Days

	S-77	Below S-77	S-78	S-79	
	Discharge	Discharge		Discharge	
	(ALL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)	
DATE	`(AC-FT)	`(AC-FT)	`(AC-FT)	`(AC-FT)	
07 APR 2020		1374	667	877	
06 APR 2020		1820	1003	1057	
05 APR 2020		1766	1134	860	
04 APR 2026		1652	618	770	
03 APR 2026		1490	692	744	
02 APR 2020		1456	895	771	
01 APR 2020		1940	655	693	
31 MAR 2020		1907	897	944	
30 MAR 2020		2319	1308	1561	
29 MAR 2020		2177	1219	1779	
28 MAR 2020		2280	993	1286	
27 MAR 2020		2423	1013	900	
26 MAR 2020		2516	995	868	
25 MAR 2020		2344	1157	819	
23 MAN 2020	2312	2344	1137	013	
	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)
07 APR 2020		1789	508	680	218
06 APR 2020		2179	462	633	202
05 APR 2020		2567	735	944	172
04 APR 2020					
03 APR 2020		2892	782 750	1055	188
02 APR 2020		2689	758 586	1206 1043	194 189
01 APR 2020		2326			
		2158	526	876 1252	205
31 MAR 2026		2123	902	1253	307
30 MAR 2020		2267	821	1295	270
29 MAR 2020		2152	605	988	220
28 MAR 2026		2412	578	1130	209
27 MAR 2026		2615	590 703	1041	-NR-
26 MAR 2026		2297	793	932	-NR-
25 MAR 2026	341	2428	852	869	-NR -
	c 200	D-1 C 20	0 6 00		
	S-308	Below S-30		_	
	Discharge	Discharge			
DATE	(ALL DAY)	(ALL-DAY)		)	
DATE	(AC-FT)	(AC-FT)	(AC-FT)		
07 APR 2020		102	26		
06 APR 2020		146	6		
05 APR 2026		-47	21		
04 APR 2020		127	46		
03 APR 2020		248	45		
02 APR 2020	-866	264	39		

01	APR	2020	-1765	-173	36
31	MAR	2020	142	466	37
30	MAR	2020	-616	196	37
29	MAR	2020	-927	-62	36
28	MAR	2020	-1400	-7	42
27	MAR	2020	-701	134	38
26	MAR	2020	-1438	-99	33
25	MAR	2020	-704	153	40

\*\*\* 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.

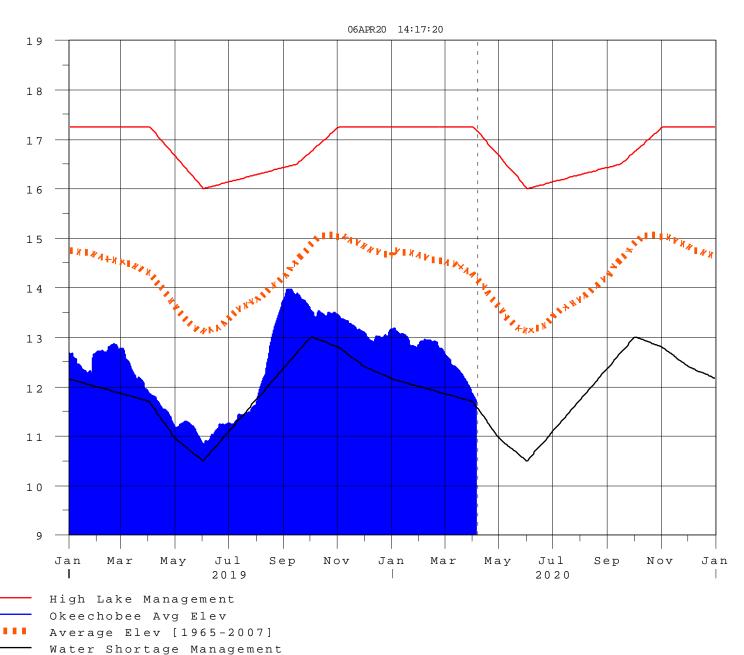
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 08APR2020 @ 11:15 \*\* Preliminary Data - Subject to Revision \*\*





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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

<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  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	

<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**