Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 02/03/2020 (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		oley's ethod ^{1*}	Em	FWMD npirical ethod ²	Neutr	ampling of al ENSO ears ³	NSO AMO Warm +		
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	
Current Season (Feb-Jul)	N/A	N/A	0.83	Normal	1.16	Normal	1.99	Wet	
Multi Seasonal (Feb -Oct)	N/A	N/A	2.91	Wet	3.07	Wet	4.71	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:

1369 cfs 14-day running average for Lake Okeechobee Net Inflow through 2/2/2020. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

-1.41 for Palmer Index on 1/18/2020.

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

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 02/03/2020

Lake Okeechobee Stage: 12.91 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	16.78	
Operational Band	Intermediate sub-band	16.04	
	Low sub-band	13.63	
Base Flow sub-ba	nd	12.60	← 12.91
Beneficial Use sub	o-band	12.02	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCA's

Up to Maximum Practicable to the WCAs if desirable or with minimum Everglades impact; otherwise 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

Release Guidance Flow Chart Outcome: S-79 Up to 450 cfs & S-77 baseflow release to supplement as needed.

Back to Lake Okeechobee Operations Main Page

Back to U.S. Army Corps of Engineers LORSS Homepage

LORS2008 Implementation on 2/3/2020 (ENSO Neutral Condition):

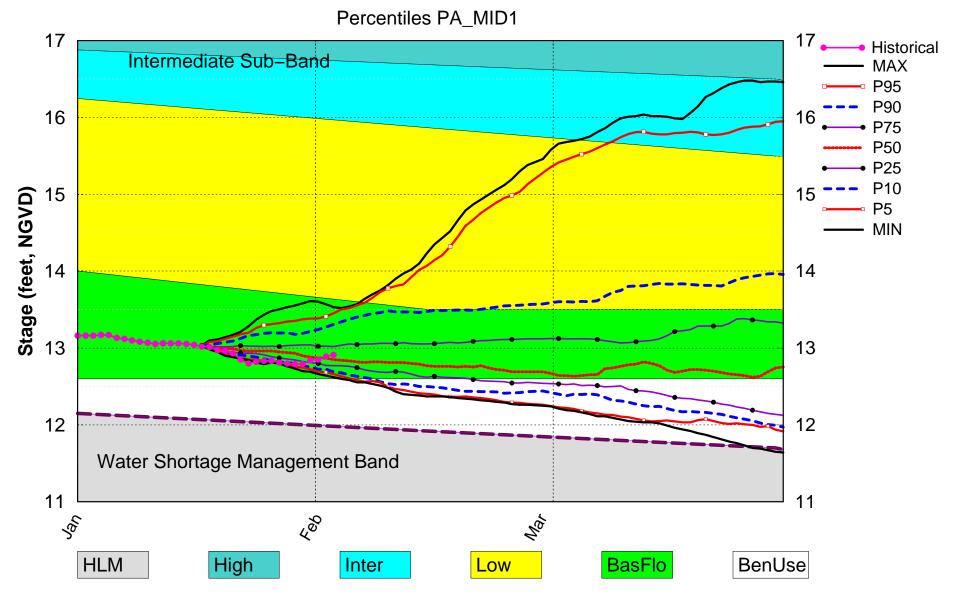
Status for week ending 2/3/2020:

Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Base-Flow Sub-Band	М
	Palmer Index for LOK Tributary Conditions	-1.41 (Dry)	M
	CPC Precipitation Outlook	1 month: Above Normal	L
LOK	CPC Precipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.16 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	3.07 ft (Normal)	M
	ENSO Forecast (positive)	(Normal)	
	WCA 1: 3 Station Average (Site 1-7, Site 1-8T & Site 1-9)	Above Line 1 (16.71 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.91 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Above Line 1 (9.49 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

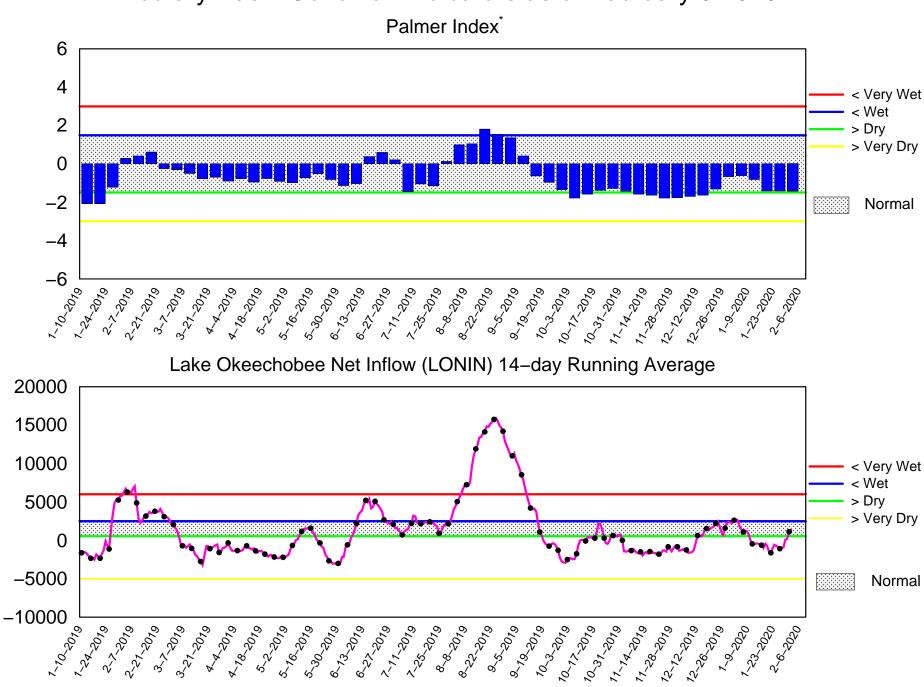
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM Jan 2020 Mid-Month Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of February 3 2020



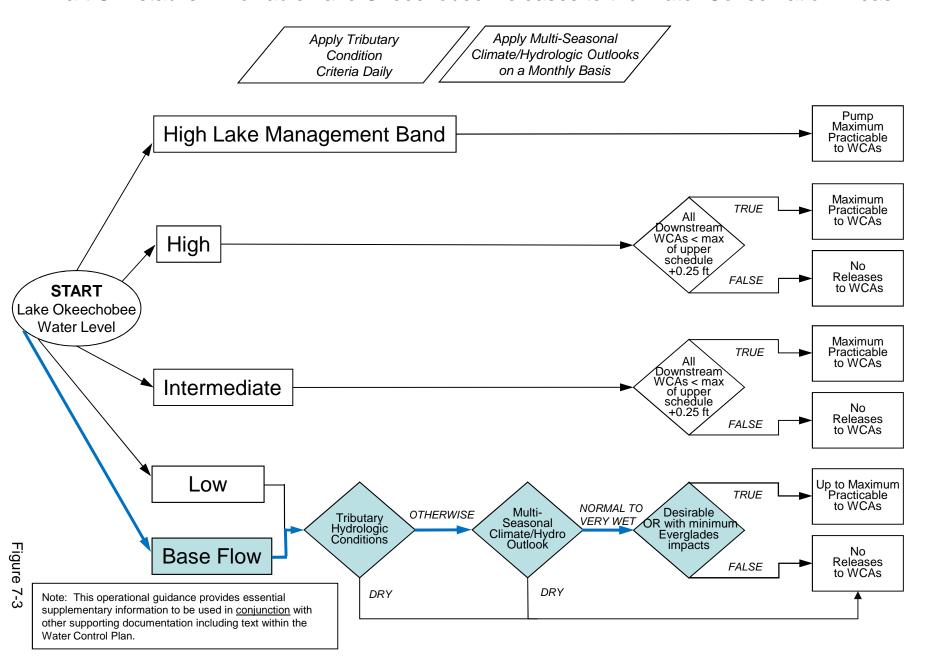
* The Palmer Index has not been updated by NOAA since 18-Jan

Flow (cfs)

Mon Feb 03 16:11:56 EST 2020

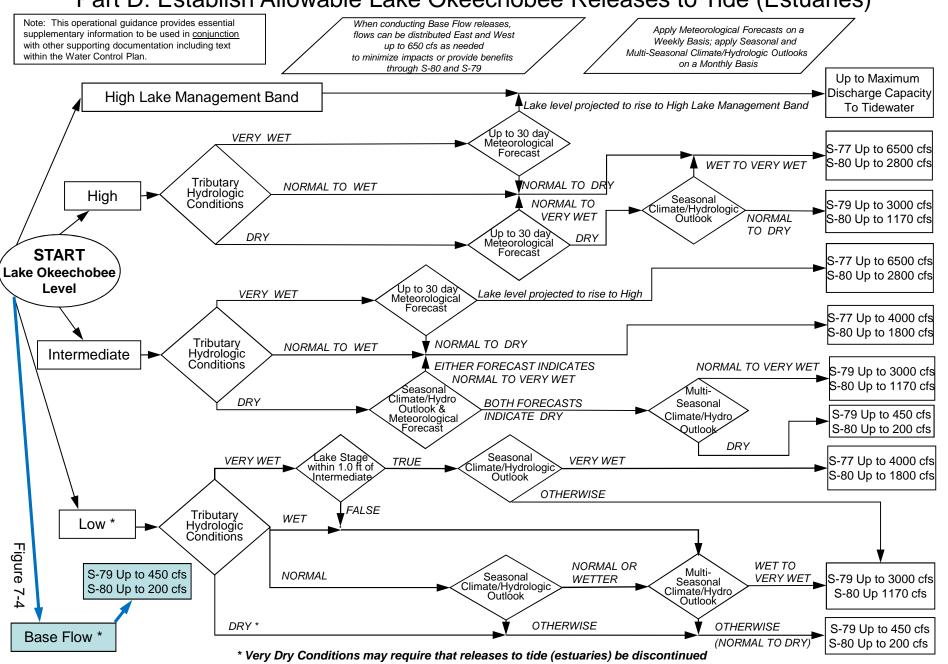
2008 LORS

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

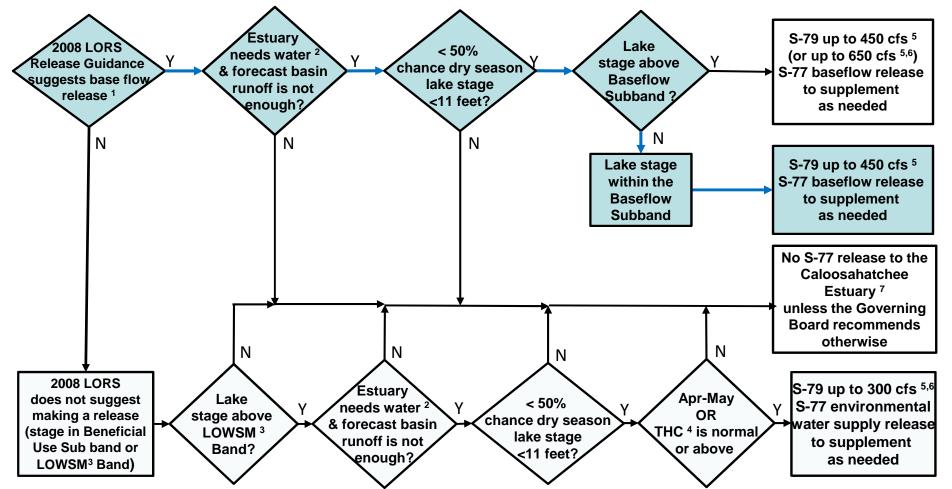


2008 LORS

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.

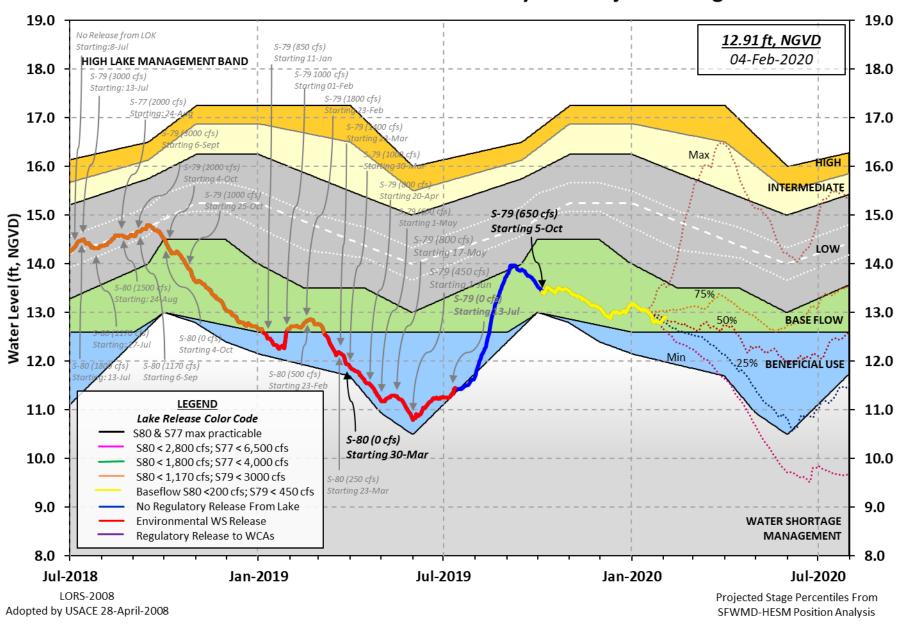
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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 02 FEB 2020

*Okeechobee Lake Elevation 12.91 1 Bottom of High Lake Mngmt= 17.25 Top of Water Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 13.5 Difference from Average LORS2008 -0.59	14.65 -1.74 from the 4 Int & 4 Edge stations dition Survey) Route 1 ÷ 6.85' dition Survey) Route 2 ÷ 5.05' Avg-Daily values):
Bottom of High Lake Mngmt= 17.25 Top of Water Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 13.5 Difference from Average LORS2008 -0.59 02FEB (1965-2007) Period of Record Average Difference from POR Average Today Lake Okeechobee elevation is determined ++Navigation Depth (Based on 2007 Channel Cond ++Navigation Depth (Based on 2008 Channel Cond Bridge Clearance = 50.59' 4 Interior and 4 Edge Okeechobee Lake Average (A L001 L005 L006 LZ40 S4 S352 S308 12.71 12.77 13.03 12.94 13.00 13.22 12.	Short Mngmt= 11.99 14.65 1.74 from the 4 Int & 4 Edge stations dition Survey) Route 1 ÷ 6.85' dition Survey) Route 2 ÷ 5.05' Avg-Daily values):
Difference from Average LORS2008 -0.59 02FEB (1965-2007) Period of Record Average Difference from POR Average Today Lake Okeechobee elevation is determined ++Navigation Depth (Based on 2007 Channel Cond ++Navigation Depth (Based on 2008 Channel Cond Bridge Clearance = 50.59' 4 Interior and 4 Edge Okeechobee Lake Average (A L001 L005 L006 LZ40 S4 S352 S308 12.71 12.77 13.03 12.94 13.00 13.22 12.	14.65 -1.74 from the 4 Int & 4 Edge stations dition Survey) Route 1 ÷ 6.85' dition Survey) Route 2 ÷ 5.05' Avg-Daily values):
Difference from POR Average Today Lake Okeechobee elevation is determined ++Navigation Depth (Based on 2007 Channel Cond ++Navigation Depth (Based on 2008 Channel Cond Bridge Clearance = 50.59' 4 Interior and 4 Edge Okeechobee Lake Average (A L001 L005 L006 LZ40 S4 S352 S308 12.71 12.77 13.03 12.94 13.00 13.22 12.	from the 4 Int & 4 Edge stations dition Survey) Route 1 ÷ 6.85' dition Survey) Route 2 ÷ 5.05' Avg-Daily values):
++Navigation Depth (Based on 2007 Channel Cond ++Navigation Depth (Based on 2008 Channel Cond Bridge Clearance = 50.59' 4 Interior and 4 Edge Okeechobee Lake Average (A L001 L005 L006 LZ40 S4 S352 S308 12.71 12.77 13.03 12.94 13.00 13.22 12.	dition Survey) Route 1 ÷ 6.85' dition Survey) Route 2 ÷ 5.05' Avg-Daily values):
<pre>++Navigation Depth (Based on 2008 Channel Cond Bridge Clearance = 50.59' 4 Interior and 4 Edge Okeechobee Lake Average (A</pre>	Avg-Daily values):
L001 L005 L006 LZ40 S4 S352 S308 12.71 12.77 13.03 12.94 13.00 13.22 12.	3 S133
12.71 12.77 13.03 12.94 13.00 13.22 12.	
*Combination Okeechobee Avg-Daily Lake Average	
*Combination Okeechobee Avg-Daily Lake Average	
TO THE TAKE THE TREE TO THE TOTAL AND THE TAKE AND THE	e = 12.91
	(*See Note)
Okeechobee Inflows (cfs):	
S65E 387 S65EX1 441	Fisheating Cr 6
S154 0 S191 0	S135 Pumps 0
S84 40 S133 Pumps 0	S2 Pumps 0
S84X 0 S127 Pumps 0	S3 Pumps 0
S71 21 S129 Pumps 0	S4 Pumps 0
S72 0 S131 Pumps 0 Total Inflows: 896	C5 0
Okeechobee Outflows (cfs):	
S135 Culverts 0 S354 0	S77 2
S127 Culverts 0 S351 0	S308 148
S129 Culverts 0 S352 0	
S131 Culverts 0 L8 Canal Pt -40	
Total Outflows: 110	
****S77 structure flow is being used to compute ****S308 structure flow is being used to compute	
Okeechobee Pan Evaporation (inches):	
S77 0.12 S308 0.19	
Average Pan Evap x 0.75 Pan Coefficient = 0.1	12" = 0.01'

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 3882 cfs or 7700 AC-FT

	Headwater	Tailwater				- Gat	e Pos	sition	ns		
	Elevation	Elevation	Disch			#3	#4	#5	#6		#8
	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
	,		[) see r				` '	` /	` ,	` ,	` ′
North East S	hore	`	,								
S133 Pumps		12.83	0	0	0	0	0	0	(cf	s)	
S193:			•	•	Ū	•	•	•	(-,	
S191:	18.98	12.84	0	0.0	0.0	0.0					
S135 Pumps		12.83	0	0		0	0		(cf	s)	
S135 Culve		12.03	0	0.0		O	·		(0)	<i>-</i> ,	
JIJJ CUIVC			Ū	0.0	0.0						
North West S	Shore										
S65E:	21.14	12.73	387	0.0	0.0	0.5	0.0	0.5	0.0		
S65EX1:	21.14	12.73	441								
S127 Pumps	: 13.18	12.76	0	0	0	0	0	0	(cf:	s)	
S127 Culve	ert:		0	0.0							
S129 Pumps	: 12.97	13.03	0	0	0	0			(cf	s)	
S129 Culve			0	0.0					•	,	
			-								
S131 Pumps	: 13.13	12.74	0	0	0				(cf	s)	
S131 Culve			0		_				(- ,	
3131 64116			Ū								
Fisheating	Creek										
nr Palmd		28.36	6								
nr Lakep		20.30	Ū								
C5:	.0. c	-NR-	0	-NR	:NR	NR	?_				
c 5.			ŭ				•				
South Shore											
S4 Pumps:	12.50	12.89	0	0	0	0			(cf	s)	
S169:	12.93	12.52	0		0.0				(0	<i>-</i> ,	
S310:	12.96	12.52	-36	0.0	0.0	0.0					
S3 Pumps:	9.75	13.02	0	0	0	0			(cf	c)	
S354:	13.02	9.75	0	0.0		U			(01.	٠,	
S2 Pumps:	9.72	-NR-	0	0.0	0.0	0	0		(cf	c)	
S351:	-NR-	9.72	0	0.0		0.0	U		(01.	3)	
S352:	13.17	9.72	0	0.0		0.0					
C10A:			V	8.0			α (2 0	0 0		
	-NR-	13.24	40	0.0	8.0	8.	0 6	0.0	0.0		
L8 Canal P	1	13.02	-40								
	Ç25	1 and S352	Tempora	ary Dum	ns / S 2	54 Sr	i 11w:				
	555	- ana 3332	, cilipor e	ary Fulli	ככ /כקי	-J- J	, T M (^ y			
S351:	9.72	-NR -	0	-NRN	IR NR	NR-	-NR	-NR-			
S352:	9.77	13.17	0	-NRN							
S354:	9.75	13.02	0	-NRN							
Caloocabatab	oo Piyon /	מרט דרט מ	570)								
Caloosahatch			0/3/	0.0	0.0						
S47B:	12.75	10.86	0	0.0	0.0						
S47D:	10.80	10.81	9	6.6							

```
S77:
   Spillway and Sector Preferred Flow:
              12.65
                       10.70
                                   0 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                   2
 S78:
   Spillway and Sector Flow:
                                 978
                                        1.5 0.0 0.0 1.5
              10.71
                      3.02
   Flow Due to Lockages+:
                                  10
   Spillway and Sector Flow:
                        0.94
                                1266
                                        0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0
               3.17
   Flow Due to Lockages+:
                                 11
   Percent of flow from S77
                                   0%
   Chloride
                       (ppm)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
              12.95
                        12.91
                                 148 3.0 3.0 3.0 3.0
   Flow Due to Lockages+:
                                   0
 S153:
              18.78
                        12.76
                                  49
                                        0.0 0.0
 S80:
   Spillway and Sector Flow:
              13.14
                                   0
                                        0.0 0.0 0.0 0.0 0.0 0.0 0.0
                        0.20
   Flow Due to Lockages+:
                                  12
   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:	11.89	13.18	14.40	293	4
S78:	5.80	6.52	7.46	284	1
S79:	7.31	7.95	9.07	82	0
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:	37.70	38.31	39.00	333	19
S80:	18.09	18.59	19.18	346	4
Okeechobee Average	24.80	3.96	4.11		

(Sites S78, S79 and S80 not included)

Oke Nexrad Basin Avg	0.00	0.88	1.71

Okeechobee	Lake	e Elev	/ations	02	FEB	2020	12.91	Difference	from	02FEB26
02FEB20	-1	Day	=	01	FEB	2020	12.89		-0.02	2
02FEB20	-2	Days	=	31	JAN	2020	12.85		-0.06	5
02FEB20	-3	Days	=	30	JAN	2020	12.84		-0.0	7
02FEB20	-4	Days	=	29	JAN	2020	12.79		-0.1	2
02FEB20	-5	Days	=	28	JAN	2020	12.79		-0.1	2
02FEB20	-6	Days	=	27	JAN	2020	12.80		-0.1	l
02FEB20	-7	Days	=	26	JAN	2020	12.81		-0.1	9
02FEB20	-30	Days	=	03	JAN	2020	13.17		0.26	5
02FEB20	-1	Year	=	02	FEB	2019	12.71		-0.20	9
02FEB20	-2	Year	=	02	FEB	2018	15.22		2.33	l

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

	Lake	Okeechob	ee Net Infl	ow (LONIN)	
			he previous	` ′.	Avg-Daily Flow
02FEB20 Toda	ay = 0	2 FEB 202	0 1396	MON	4030
02FEB20 -1 Day	<i>,</i> = 6	1 FEB 202	0 1146	SUN	7796
02FEB20 -2 Day	/s = 3	31 JAN 202	.0 205	SAT	2474
02FEB20 -3 Day	/s = 3	30 JAN 202	.0 61	FRI	11213
02FEB20 -4 Day	/s = 2	29 JAN 202	.0 -886	THU	1871
02FEB20 -5 Day	/s = 2	28 JAN 202	.0 -1016	WED	1106
02FEB20 -6 Day	/s = 2	27 JAN 202	.0 -1083	TUE	524
02FEB20 -7 Day	/s = 2	26 JAN 202	.0 -913	MON	-1637
02FEB20 -8 Day	/s = 2	25 JAN 202	.0 -701	SUN	2003
02FEB20 -9 Day	/s = 2	24 JAN 202	.0 -597	SAT	4563
02FEB20 -10 Day	/s = 2	23 JAN 202	.0 -1107	FRI	6978
02FEB20 -11 Day	/s = 2	22 JAN 202	.0 -1652	THU	-5656
02FEB20 -12 Day	/s = 2	21 JAN 202	.0 -1419	WED	-12393
02FEB20 -13 Day	/s = 2	20 JAN 202	.0 -712	TUE	-3324

	S65E		
	Average Flow over	previous 14 days	Avg-Daily Flow
02FEB20 Today=	02 FEB 2020	227 MON	435
02FEB20 -1 Day =	01 FEB 2020	216 SUN	274
02FEB20 -2 Days =	31 JAN 2020	221 SAT	444
02FEB20 -3 Days =	30 JAN 2020	225 FRI	137
02FEB20 -4 Days =	29 JAN 2020	252 THU	145
02FEB20 -5 Days =	28 JAN 2020	259 WED	215
02FEB20 -6 Days =	27 JAN 2020	264 TUE	162
02FEB20 -7 Days =	26 JAN 2020	276 MON	133
02FEB20 -8 Days =	25 JAN 2020	302 SUN	237
02FEB20 -9 Days =	24 JAN 2020	307 SAT	113
02FEB20 -10 Days =	23 JAN 2020	318 FRI	195
02FEB20 -11 Days =	22 JAN 2020	316 THU	-NR-
02FEB20 -12 Days =	21 JAN 2020	303 WED	199
02FEB20 -13 Days =	20 JAN 2020	320 TUE	265
-			

			S65EX1				
		Average	Flow over	previous	14 days		Avg-Daily Flow
02FEB20	Today=	02	FEB 2020	535	MON		441
02FEB20	-1 Day =	01	FEB 2020	548	SUN		499
02FEB20	-2 Days =	31	JAN 2020	534	SAT	- 1	488

02FEB20	-3	Days	=	30	JAN	2020	514	FRI	541
02FEB20	-4	Days	=	29	JAN	2020	491	THU	546
02FEB20	-5	Days	=	28	JAN	2020	470	WED	604
02FEB20	-6	Days	=	27	JAN	2020	445	TUE	632
02FEB20	-7	Days	=	26	JAN	2020	414	MON	629
02FEB20	-8	Days	=	25	JAN	2020	384	SUN	628
02FEB20	-9	Days	=	24	JAN	2020	354	SAT	515
02FEB20	-10	Days	=	23	JAN	2020	331	FRI	632
02FEB20	-11	Days	=	22	JAN	2020	294	THU	376
02FEB20	-12	Days	=	21	JAN	2020	283	WED	331
02FEB20	-13	Days	=	20	JAN	2020	259	TUE	630

Lake Okeechobee Outlets Last 14 Days

	S-77	Below S-77	S-78	S-79	
		Discharge		Discharge	
	(ALL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)	
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
02 FEB 2020	, ,	522	1958	2402	
01 FEB 2020		704	1933	4571	
31 JAN 2020		707	1273	1647	
30 JAN 2020		534	382	936	
29 JAN 2020		1186	696	1104	
28 JAN 2020		1763	1197	1111	
27 JAN 2020		1755	1213	1577	
26 JAN 2020		1471	1224	2314	
25 JAN 2020		1275	918	1734	
24 JAN 2020		1230	523	441	
23 JAN 2020		1637	1012	749	
22 JAN 2020		2313	1006	951	
21 JAN 2020		1800	1208	1572	
20 JAN 2020		1762	1477	2178	
20 3711 202	3 1772	1702	1477	2170	
	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)
02 FEB 2020		0	0	0	-79
01 FEB 2020		ø	264	ø	-171
31 JAN 2020		ø	0	ø	-84
30 JAN 2020		1029	495	813	-4
29 JAN 2020		938	552	1120	173
28 JAN 2020		812	221	1059	61
27 JAN 2020		249	19	1041	60
26 JAN 2020		0	65	995	-3
25 JAN 2020		165	63	1114	-25
24 JAN 2020		715	86	1107	-60
23 JAN 2020		986	1133	1281	-40
22 JAN 2020		1152	1175	837	25
21 JAN 2020		1291	792	726	152
20 JAN 2020		1472	539	660	31
	S-308	Below S-30	8 S-80		
	Discharge	Discharge		e	
	(ALL DAY)	(ALL-DAY)			
DATE	(AC-FT)	(AC-FT)	(AC-FT)	•	
02 FEB 2020	, ,	-416	24		
01 FEB 2020		-284	31		
31 JAN 2020		-216	-NR-		
30 JAN 2020		-343	38		
29 JAN 2020		21	51		
28 JAN 2020		-29	38		

27	JAN	2020	1492	-99	48
26	JAN	2020	1519	-334	38
25	JAN	2020	1186	-303	48
24	JAN	2020	1839	-65	43
23	JAN	2020	1915	137	50
22	JAN	2020	-1672	121	16
21	JAN	2020	883	272	- NR -
20	JAN	2020	766	13	21

*** 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 second control of the second cont

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.

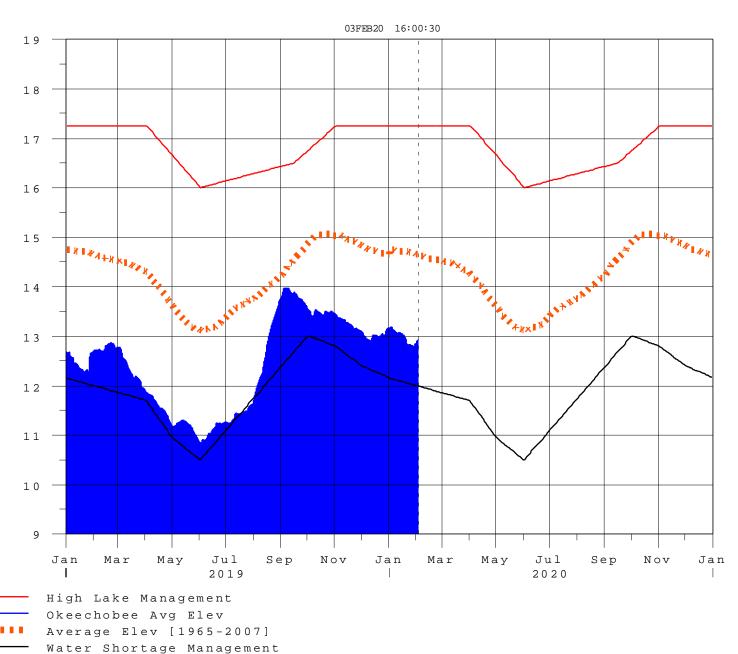
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 03FEB2020 @ 15:40 ** 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

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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 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