Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 2/18/2019 (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 <u>CPC Outlook</u>.

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*}	En	FWMD npirical ethod ²	Neutr	ampling of al ENSO ears ³	Sub-sampling of AMO Warm + Neutral ENSO Years ⁴		
	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	Condition	Value (ft)	Condition	
Current (Jan- Jun)	N/A	N/A	0.97	Normal	1.52	Wet	1.94	Wet	
Multi Seasonal (Jan-Oct)	N/A	N/A	3.05	Wet	3.48	Wet	4.66	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:

3703 cfs 14-day running average for Lake Okeechobee Net Inflow through 2/18/2019. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Wet.

0.61 for Palmer Index on 2/16/2019.

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

The wetter of the two conditions above is Wet.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 2/18/2019

Lake Okeechobee Stage: 12.83 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob Zone	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	17.25	
	High sub-band	16.68	
Operational Band	Intermediate sub-band	15.85	
	Low sub-band	13.50	
Base Flow sub-ba	nd	12.60	← 12.83
Beneficial Use sub	o-band		
Water Shortage M	lanagement Band	11.91	

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: No releases to the 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: No releases.

Back to Lake Okeechobee Operations Main Page Back to U.S. Army Corps of Engineers LORSS Homepage

LORS2008 Implementation on 02/18/2019 (ENSO Neutral Condition):

Status for week ending 02/18/2019:

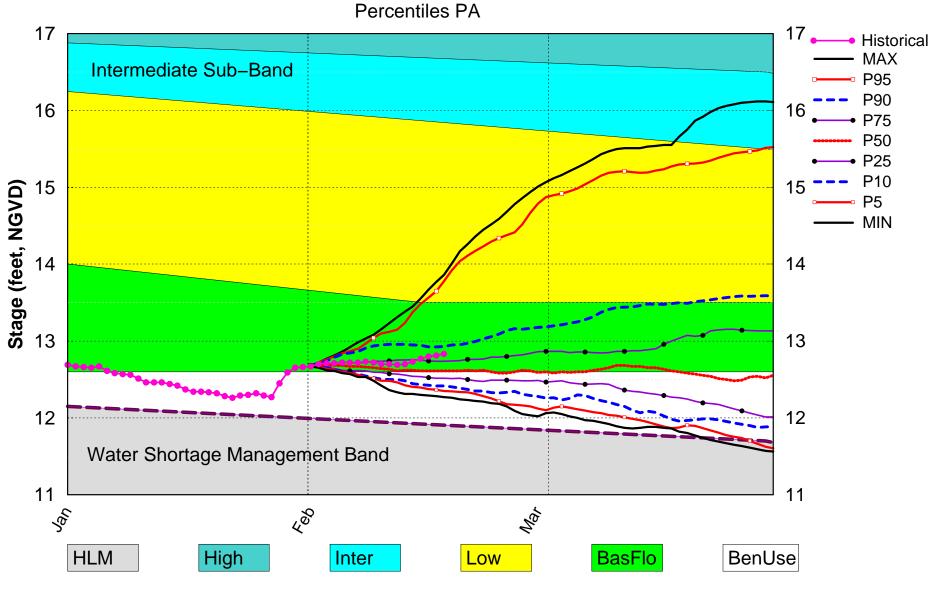
District wide, Raindar rainfall was 1.07 inches for the week. Lake stage on 02/18/2019 was 12.83 ft, NGVD, up 0.13 ft from last week .The updated February 2019 SFWMM Dynamic Position Analysis percentile graph for Lake Okeechobee show that the current lake stage is in the Base Flow Sub-band. The LORS2008 Tributary Hydrologic Condition (THC) is classified as **Wet.** The PDSI indicates normal conditions and the LONIN is wet. The THC classification is based on the wetter of the two indices

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	0.61 (Normal)	L
	CPC Presinitation Outlook	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.52 ft (Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	3.48 ft (Wet)	L
	ENSO Forecast (positive) WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.57 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.38 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.78 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

Water Supply Risk Evaluation

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 2019 Position Analysis



(See assumptions on the Position Analysis Results website)

Mon Feb 18 15:54:36 EST 2019

Palmer Index 6 4 < Very Wet < Wet 2 > Drv > Very Dry 0 -2 Normal -4 -6 1-25-2018 212 3,22,4078 1 4-19-2018 1 5-12-2018 1 5.37 2018 1 6.14 2018 1 6,28,2078 I 2-12-2018 1 2-2-5-2-078 1 8-23-2078 I 8-20-2078 1 10, x <018 11-1-5018 1 17-28-2078 1 12 13 2078 1 12:42 1-10-2019 1 6102 2-57-5919 I 2.8 2078 1 3.8.2078 1 5.3-2078 h 8.9.2078 1 10,78,2078 1 17-15-2018 1 2°2,2019 4-5-2078 9.6.2018 Lake Okeechobee Net Inflow (LONIN) 14-day Running Average 40000 35000 30000 25000 < Very Wet 20000 < Wet 15000 > Dry

8-8-8-8-8-1 8-23-2078 I

8-20-2078 1 10× 2018 1 10, 18, 2018 1 17-1-2018 1 17-15-2018 1 11,28,2018 1 12-13-2018 | 15-57 1-10-5019 1 6102-22-1

9.6-2078 1

> Very Dry

Normal

2,27,2079 |

21×2019

Tributary Basin Condition Indicators as of February 18 2019

Mon Feb 18 16:08:19 EST 2019

3,23,40%

4-5-2018 h 4~19~3018 1 5.3.2018 h

5-12-2018 1 5.37 2078 1 6.14 2018 1 6,28,2018 | ×12,2018 | × + 2018

2.6 2078 1 455 402 402 800 800 3-8-2078 1

10000 5000

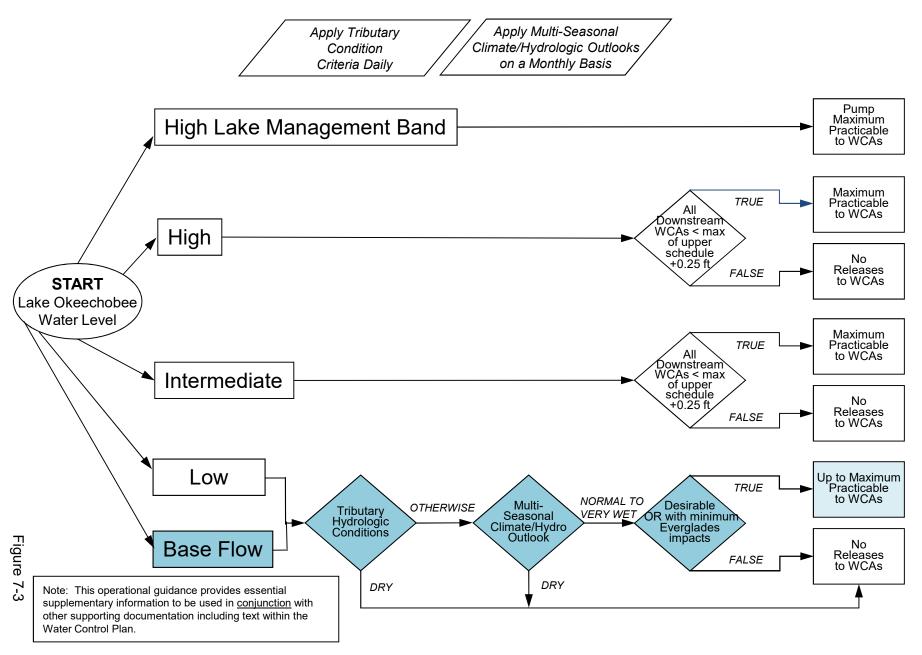
-5000 -10000

0

1-23-2018

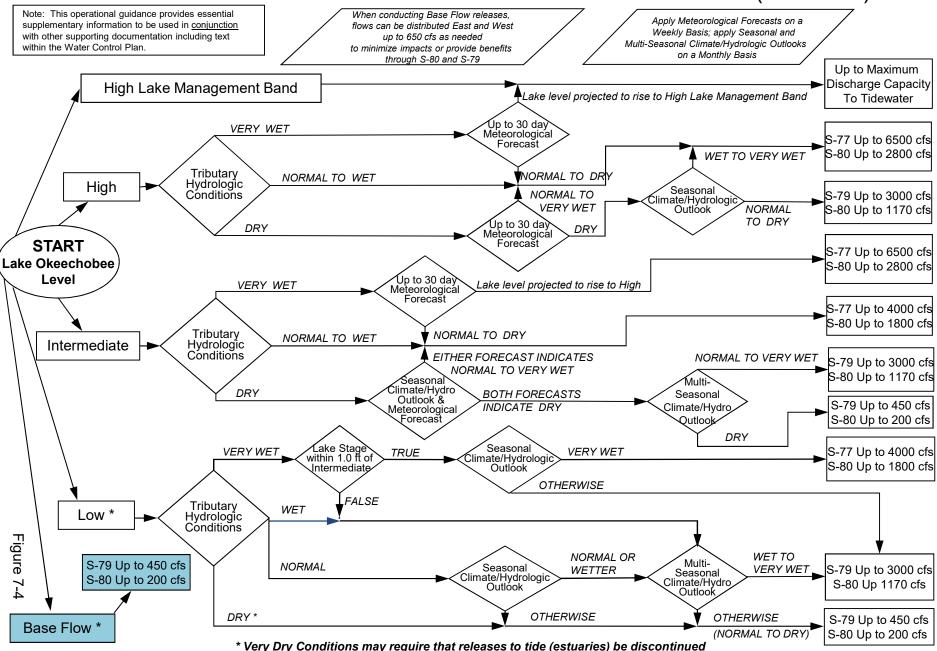
2008 LORS

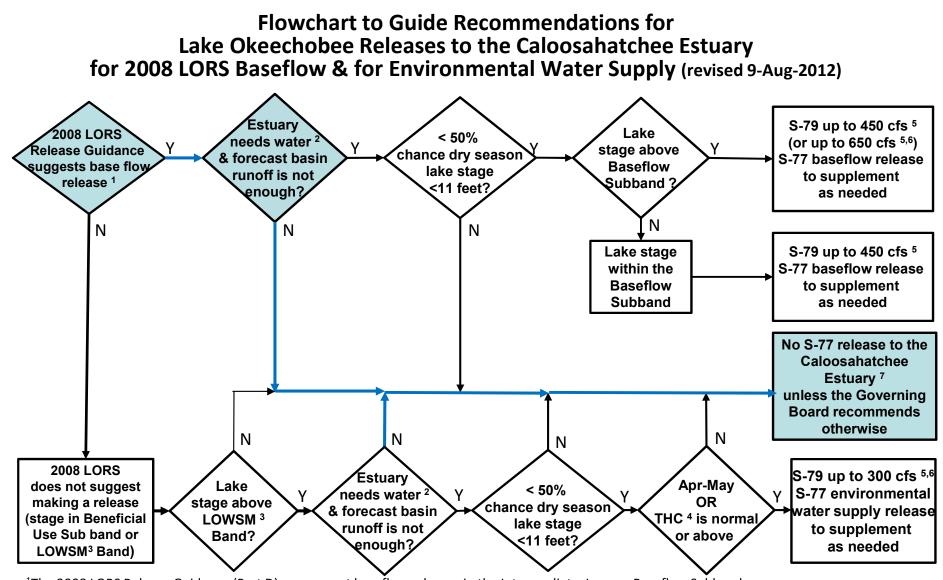
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



2008 LORS

Part D: Establish Allowable Lake Okeechobee Releases to Tide (Estuaries)

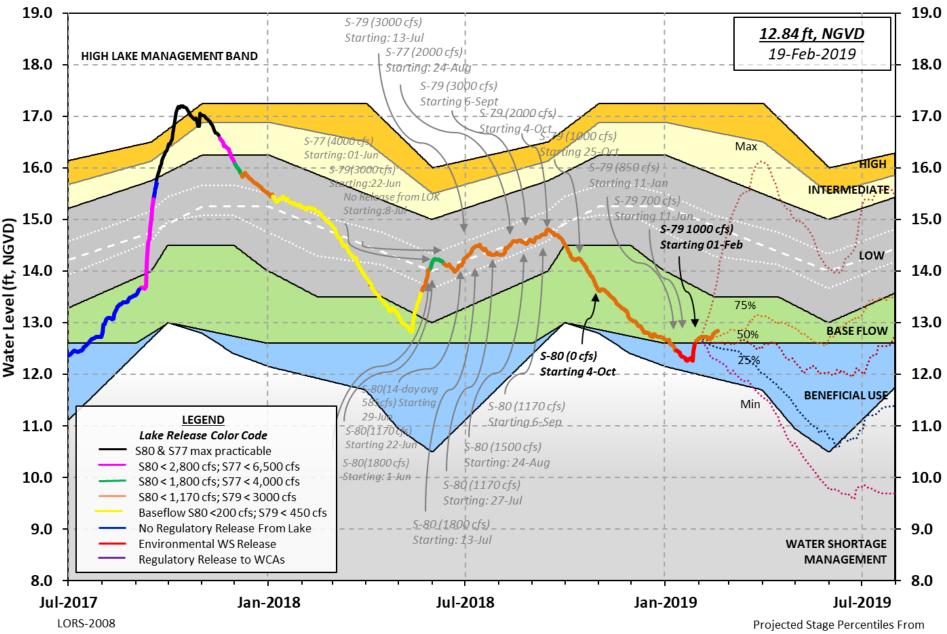




¹The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands. ²Estuary "needs" water when the 30-day moving average salinity at I-75 bridge is projected to exceed 5 practical salinity units (psu) within 2 weeks. ³LOWSM = Lake Okeechobee Water Shortage 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

Adopted by USACE 28-April-2008

SFWMD-HESM Position Analysis

U. S. Army Corps of Engineers, Jacksonville District Lake Okeechobee and Vicinity Report ** Preliminary Data - Subject to Revision **

Data Ending 2400 hours 17 FEB 2019

Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) 13.55 (Official Elv) *Okeechobee Lake Elevation 12.83 15.11 Bottom of High Lake Mngmt= 17.25 Top of Water Short Mngmt= 11.91 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] - NR -Difference from Average LORS2008 -NR-17FEB (1965-2007) Period of Record Average 14.57 Difference from POR Average -1.74 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 6.77' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 4.97' Bridge Clearance = 50.73' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 12.85 12.89 12.81 12.81 12.79 - NR -12.79 12.83 *Combination Okeechobee Avg-Daily Lake Average = 12.83 (*See Note) Okeechobee Inflows (cfs): S65E 1980 S65EX1 1320 Fisheating Cr 51 S154 0 S191 0 S135 Pumps 0 S84 274 S133 Pumps 0 S2 Pumps 0 S84X 38 S127 Pumps 0 S3 Pumps 0 S71 0 S129 Pumps 0 S4 Pumps 0 0 S131 Pumps 0 C5 0 S72 Total Inflows: 3663 Okeechobee Outflows (cfs): 303 722 S135 Culverts S354 S77 0 S127 Culverts 0 S351 34 S308 114 S129 Culverts S352 0 0 L8 Canal Pt S131 Culverts 0 925 Total Outflows: 2098 ****S77 structure flow is being used to compute Total Outflow. ****S308 structure flow is being used to compute Total Outflow. Okeechobee Pan Evaporation (inches): S77 0.19 S308 0.25 Average Pan Evap x 0.75 Pan Coefficient = 0.16" = 0.01'

Lake Average Precipitation using NEXRAD: = -NR-" = -NR-'

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

	Headwater	Tailwater				- Gat	te Pos	sitio	ıs	
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6 #7	#8
	(ft-msl)						(ft)	(ft)	(ft) (ft)	(ft)
		(1	I) see n	ote at	bott	om				
North East S					_					
S133 Pumps	: 13.44	12.88	0	0	0	0	0	0	(cfs)	
S193:										
S191:	18.30	12.86	0	0.0		0.0			(()	
S135 Pumps		12.76	0	0	0	0	0		(cfs)	
S135 Culve	rts:		0	0.0	0.0					
North West S	nore									
S65E:	20.81	12.94	1980	0.8	0.8	0.8	0.8	0.8	0.8	
S65EX1:	20.81	12.94	1320		010					
S127 Pumps		12.89	0	0	0	0	0	0	(cfs)	
S127 Culve			0	0.0	•		-	-	()	
S129 Pumps	: 13.06	12.87	0	0	0	0			(cfs)	
S129 Culve	rt:		0	0.0					. ,	
S131 Pumps	: 13.16	12.94	0	0	0				(cfs)	
S131 Culve	rt:		0							
Fisheating										
nr Palmda		29.78	51							
nr Lakep	ort						_			
C5:		-NR-	0	-NR	NR	NI	۲-			
South Shore										
S4 Pumps:	11.89	12.82	0	0	0	0			(cfs)	
S169:	12.82	11.89	0	0.0		0.0			(0.0)	
S310:	12.74		16							
S3 Pumps:	10.53	12.78	0	0	0	0			(cfs)	
S354:	12.78	10.53	303	0.0	0.0					
S2 Pumps:	10.28	- NR -	0	0	0	0	0		(cfs)	
S351:	-NR-	10.28	34	0.0	0.0	0.0				
S352:		10.44	0	0.0	0.0					
C10A:	-NR-	12.96		8.0	8.0	8.	.0 0	9.0	0.0	
L8 Canal P	Г	12.79	925							
		1			100	F A C				
	\$35	1 and S352	Tempora	iry Pum	ips/S3	54 Sp	DITIMS	ay		
S351:	10.28	- NR -	34	-NRN	IR NR	NR-	NR	-NR-		
S352:	10.44		0	-NRN	IR – – NR	NR-	-			
S354:	10.53	12.78	303	- NR N	IR – – NR	NR-	-			
Caloosahatch	•		S79)							
Caloosahatch S47B: S47D:	ee River (: 12.87 11.30	S77, S78, S77, S78, S77, S78, S77, S78, S78	579) -42	0.0 6.4	0.0					

S77: Spillway and Sector Preferred Flow: 12.90 11.19 719 0.0 0.0 0.0 1.5 Flow Due to Lockages+: 3 \$78: Spillway and Sector Flow: 2.84 876 0.0 2.5 0.0 0.0 11.12 Flow Due to Lockages+: 12 S79: Spillway and Sector Flow: 2.06 1952 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 3.03 Flow Due to Lockages+: 10 Percent of flow from S77 37% Chloride (ppm) 60 St. Lucie Canal (S308, S80) S308: Spillway and Sector Preferred Flow: 12.76 12.77 114 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 0 S153: 18.97 12.60 34 0.1 0.0 S80: Spillway and Sector Flow: 12.81 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.43 Flow Due to Lockages+: 21 Percent of flow from S308 NA % Steele Point Top Salinity (mg/ml) **** 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:	0.12	0.12	0.12	157	5
S78:	7.17	7.17	8.46	149	4
S79:	7.97	7.97	9.06	270	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:	3.24	3.24	3.56	138	6
S80:	1.29	1.29	2.06	192	2
Okeechobee Average	1.68	0.26	0.28		

	(Sites	S78,	S79	and	S80	not	included)
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Oke Nexrad Basin Avg	- NR -	0.00	0.00	

Okeechobee Lake Elevations	17 FEB 2019	12.83 Diffe	rence from 17FEB19
17FEB19 -1 Day =	16 FEB 2019	12.81	-0.02
17FEB19 -2 Days =	15 FEB 2019	12.80	-0.03
17FEB19 -3 Days =	14 FEB 2019	12.77	-0.06
17FEB19 -4 Days =	13 FEB 2019	12.73	-0.10
17FEB19 -5 Days =	12 FEB 2019	12.70	-0.13
17FEB19 -6 Days =	11 FEB 2019	12.69	-0.14
17FEB19 -7 Days =	10 FEB 2019	12.70	-0.13
17FEB19 -30 Days =	18 JAN 2019	12.33	-0.50
17FEB19 -1 Year =	17 FEB 2018	15.11	2.28
17FEB19 -2 Year =	17 FEB 2017	13.55	0.72

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 2.41

					La	ke ()kee	chobee	Net In	flc	w (LONIN)		
			A	Aver	rage	Flow	v ove	er the	previo	us	14 days		Avg-Daily	Flow
17FEE	319	То	day	=		17	FEB	2019	32	67	MON		5926	
17FEE	319 -	1 Da	ay	=		16	FEB	2019	28	33	SUN		4868	
17FEE	319 -	2 Da	ays	=		15	FEB	2019	26	642	SAT		8437	
17FEE	319 -	3 Da	ays	=		14	FEB	2019	24	82	FRI		-NR-	
17FEE	319 -	4 Da	ays	=		13	FEB	2019	24	90	THU		-NR-	
17FEE	319 -	5 Da	ays	=		12	FEB	2019	24	91	WED		3507	
17FEE	319 -	6 Da	ays	=		11	FEB	2019	30	89	TUE		1285	
17FEE	319 -	7 Da	ays	=		10	FEB	2019	49	64	MON		3994	
17FEE	319 -	8 Da	ays	=		09	FEB	2019	71	.71	SUN		164	
17FEE	319 -	9 Da	ays	=		08	FEB	2019	68	80	SAT		1265	
17FEE	319 -1	.0 Da	ays	=		07	FEB	2019	63	379	FRI		4094	
17FEE	319 -1	.1 Da	ays	=		06	FEB	2019	63	83	THU		1559	
17FEE	319 -1	.2 Da	ays	=		05	FEB	2019	64	58	WED		1514	
17FEE	319 -1	.3 Da	ays	=		04	FEB	2019	68	38	TUE		2589	

				S	65E				
			Average	Flow	w over	previous	14 days	Avg-Da	ily Flow
17FEB19		Today=	= 17	FEB	2019	1640	MON	22	26
17FEB19	-1	Day =	= 16	FEB	2019	1589	SUN	22	47
17FEB19	-2	Days =	= 15	FEB	2019	1534	SAT	22	81
17FEB19	-3	Days =	= 14	FEB	2019	1469	FRI	22	97
17FEB19	-4	Days =	= 13	FEB	2019	1399	THU	20	12
17FEB19	-5	Days =	= 12	FEB	2019	1350	WED	13	42
17FEB19	-6	Days =	- 11	FEB	2019	1338	TUE	10	95
17FEB19	-7	Days =	= 10	FEB	2019	1338	MON	10	98
17FEB19	-8	Days =	- 09	FEB	2019	1366	SUN	11	05
17FEB19	-9	Days =	- 08	FEB	2019	1342	SAT	10	96
17FEB19	-10	Days =	= 07	FEB	2019	1305	FRI	14	27
17FEB19	-11	Days =	- 06	FEB	2019	1260	THU	16	55
17FEB19	-12	Days =	= 05	FEB	2019	1178	WED	15	92
17FEB19	-13	Days =	= 04	FEB	2019	1102	TUE	14	86
				S	65EX1				
			Average	-		previous	14 davs	Avg-Da	ily Flow
17FEB19		Today=	-		2019	561	MON		320
17FEB19	-1	Day =			2019		SUN		907
17FEB19		Days =			2019	402	SAT		791
		-						•	

17FEB19	-3 Days	=	14	FEB	2019	345	FRI	431	
17FEB19	-4 Days	=	13	FEB	2019	314	THU	593	
17FEB19	-5 Days	=	12	FEB	2019	272	WED	1025	
17FEB19	-6 Days	=	11	FEB	2019	199	TUE	838	
17FEB19	-7 Days	=	10	FEB	2019	139	MON	794	
17FEB19	-8 Days	=	09	FEB	2019	82	SUN	456	
17FEB19	-9 Days	=	80	FEB	2019	50	SAT	518	
17FEB19	-10 Days	=	07	FEB	2019	13	FRI	178	
17FEB19	-11 Days	=	06	FEB	2019	0	THU	0	
17FEB19	-12 Days	=	05	FEB	2019	0	WED	0	
17FEB19	-13 Days	=	04	FEB	2019	0	TUE	0	

Lake Okeechobee Outlets Last 14 Days

DATE 17 FEB 2019 16 FEB 2019 15 FEB 2019 14 FEB 2019 13 FEB 2019 12 FEB 2019 11 FEB 2019 10 FEB 2019 09 FEB 2019 08 FEB 2019 06 FEB 2019 05 FEB 2019 04 FEB 2019	2642 1090 4 1227 2956 3194 -NR- 1578 8 9 8	Below S-77 Discharge (ALL-DAY) (AC-FT) 1516 2833 1243 335 215 889 1532 2482 3354 1649 43 -62 553 694	S-78 Discharge (ALL DAY) (AC-FT) 1757 2574 3245 2207 593 822 1496 2123 2952 1540 76 466 1026 1765	S-79 Discharge (ALL DAY) (AC-FT) 3939 4297 3973 5380 4302 1980 1944 3372 4727 2939 234 1723 1727 3358	
	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)
17 FEB 2019		67	-NR -	456	1834
16 FEB 2019		314	-NR -	543	1818
15 FEB 2019		1001	-NR -	712	1071
14 FEB 2019		127	-NR -	52	- NR -
13 FEB 2019		186	-NR -	59	- NR -
12 FEB 2019		936	-NR -	686	222
11 FEB 2019		1482	-NR -	916	1125
10 FEB 2019		1804	-NR -	918	712
09 FEB 2019		1730	-NR -	734	1482
08 FEB 2019		1323	-NR -	833	1467
07 FEB 2019		1175	-NR -	950	917
06 FEB 2019		642	-NR -	1495	141
05 FEB 2019		680	-NR -	1077	110
04 FEB 2019	423	0	-NR -	682	116
	S-308	Below S-308	8 S-80		
	Discharge	Discharge	Discharg	e	
	(ALL DAY)	(ALL-DAY)	(ALL-DAY		
DATE	(AC-FT)	(AC-FT)	(AC-FT)		
17 FEB 2019		-43	42		
16 FEB 2019	326	143	48		
15 FEB 2019	328	283	48		
14 FEB 2019		-38	34		
13 FEB 2019		-182	7		
12 FEB 2019	0	-83	45		

11 FEB	2019	344	510	37
10 FEB	2019	189	509	36
09 FEB	2019	43	182	41
08 FEB	2019	264	410	59
07 FEB	2019	159	374	14
06 FEB	2019	177	293	41
05 FEB	2019	281	90	44
04 FEB	2019	-61	-131	27

^{***} NOTE: Discharge (ALL DAY) is computed using Spillway, Sector Gate and Lockages Discharges from 0015 hrs to 2400 hrs.

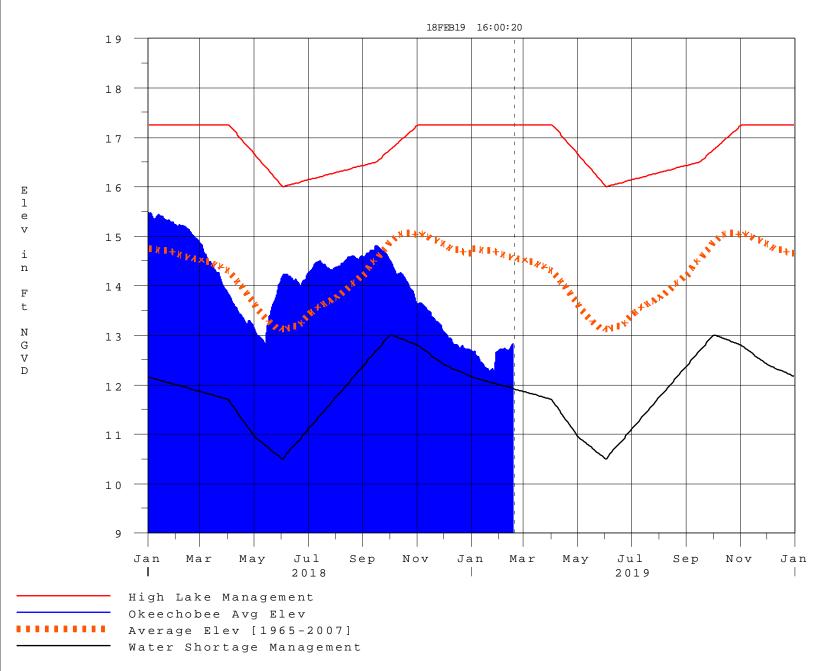
(I) - Flows preceeded by "I" signify an instantaneous
 flow computed from the single value reported for the day

*	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 18FEB2019 @ 23:39 ** Preliminary Data - Subject to Revision **

Lake Okeechobee



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

• <u>6-15 Day Precipitation Outlook Categories</u>

Table ?? in the Lake Okeechobee Water Control Plan

<u>Classification of Lake Okeechobee Net Inflow for Seasonal</u>

<u>Outlook</u>

 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 Classification*	Palmer Index Class Limits	2-wk Mean L.O. Net 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	
[]	[]	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