# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 7/16/2018 (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	Croley's Method <sup>1*</sup>		SFWMD Empirical Method <sup>2</sup>		Sub-sampling of ENSO Years <sup>3</sup>		Sub-sampling of AMO Warm + ENSO Years <sup>4</sup>	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Jul-Dec)	N/A	N/A	2.64	Very Wet	3.30	Very Wet	2.20	Very Wet
Multi Seasonal (Jul-Apr)	N/A	N/A	3.09	Wet	4.06	Wet	1.86	Normal

<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:**

**5403 cfs** 14-day running average for Lake Okeechobee Net Inflow through 7/15/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Wet.

## **1.31** for Palmer Index on 7/14/2018.

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 7/15/2018

Lake Okeechobee Stage: 14.47 feet

**USACE** Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob	ee Management	Bottom Elevation	Current
Zone	Zone/Band		Lake Stage
High Lake Manage	ement Band	16.21	
Tingit Laite Mariag	Jana	.0.21	
	High sub-band	15.76	
Operational Band	Intermediate sub-band	15.32	
	Low sub-band	13.42	<b>←</b> 14.47
Base Flow sub-ba	Base Flow sub-band		
Beneficial Use sub-band		11.41	
Water Shortage M	lanagement Band		

### Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to maximum practicable releases to the WCAs if desirable or with minimum everglades impacts; otherwise no releases.

## Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: S-79 Up to 3000 cfs & S-80 Up to 1170 cfs.

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#### LORS2008 Implementation on 7/16/2018 (ENSO Neutral Condition):

#### Status for week ending 7/16/2018:

District wide, Raindar rainfall was 1.92 inches for the week. Lake stage on 7/15/2018 was 14.47 ft, NGVD, up 0.03 ft from last week.

The updated July 2018 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Low Flow Sub-Band. The 2008 LORS 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 .

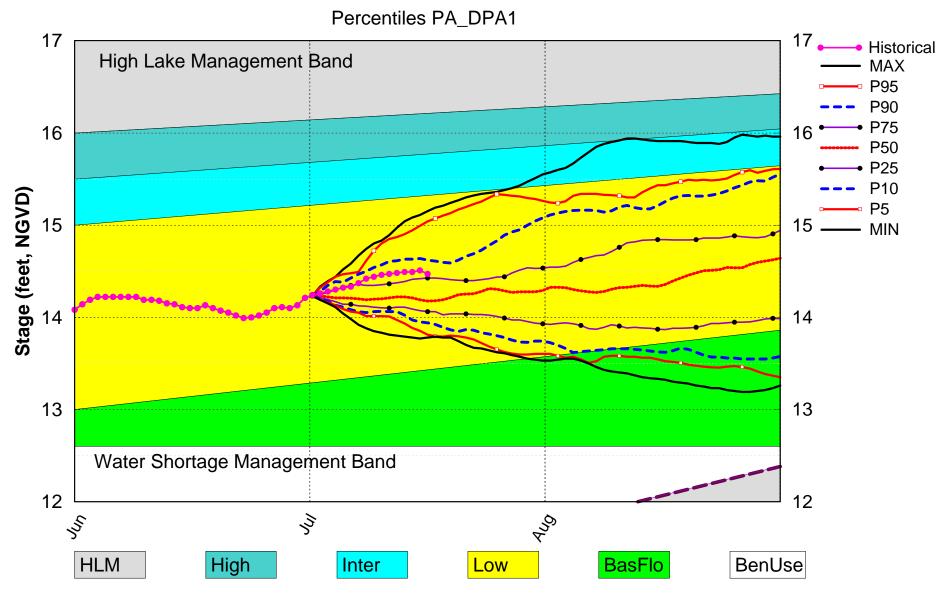
**Water Supply Risk Evaluation** 

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Low Flow Sub Band	L
	Palmer Index for LOK Tributary Conditions	1.31 (Normal to Extremely Wet)	П
	CDC Propinitation Outlook	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Years	3.30 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	4.06 ft (Wet)	L
	ENSO Conditions		
	WCA 1: Station Average (Site 1-7, Site 1-8T, Site 1-9)	Above Line 1 (16.32 ft)	L
WCAs	WCA 2A: Site 2-17	Above Line 1 (13.29 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.69 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.

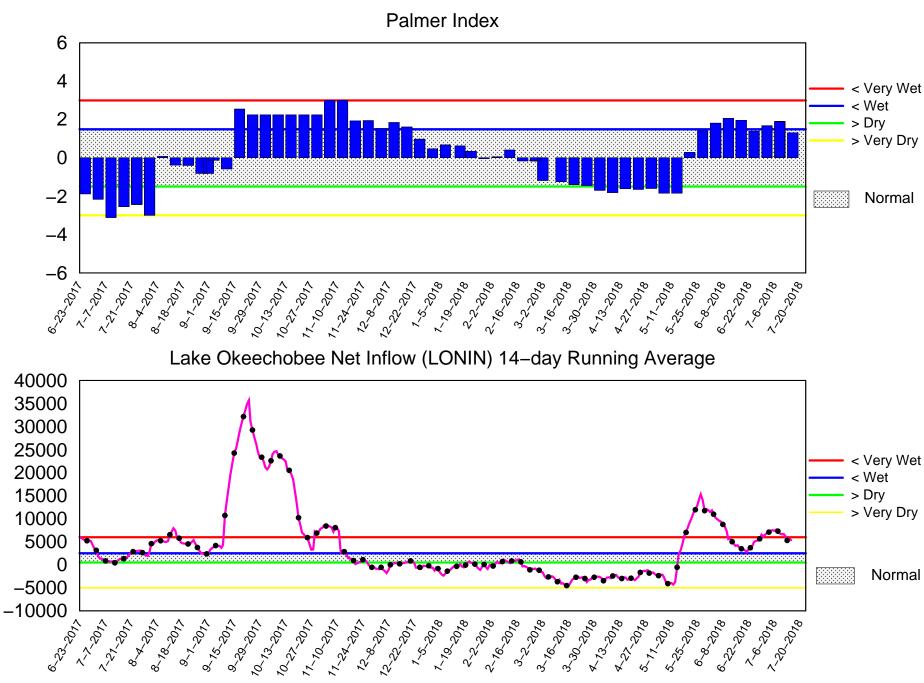
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# Lake Okeechobee SFWMM July 2018 Position Analysis



(See assumptions on the Position Analysis Results website)

# Tributary Basin Condition Indicators as of July 16 2018

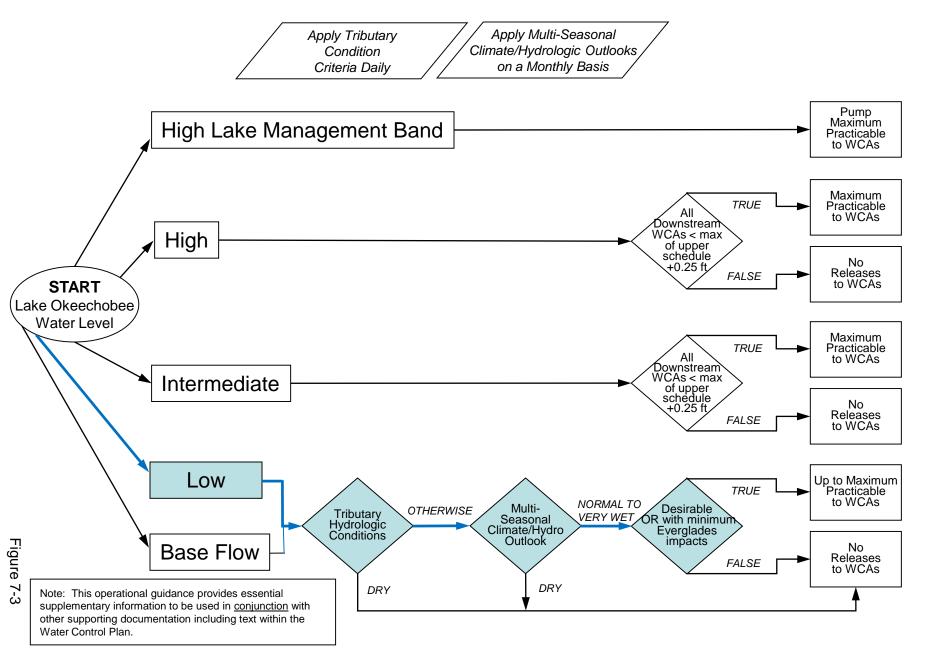


Mon Jul 16 13:03:03 EDT 2018

Flow (cfs)

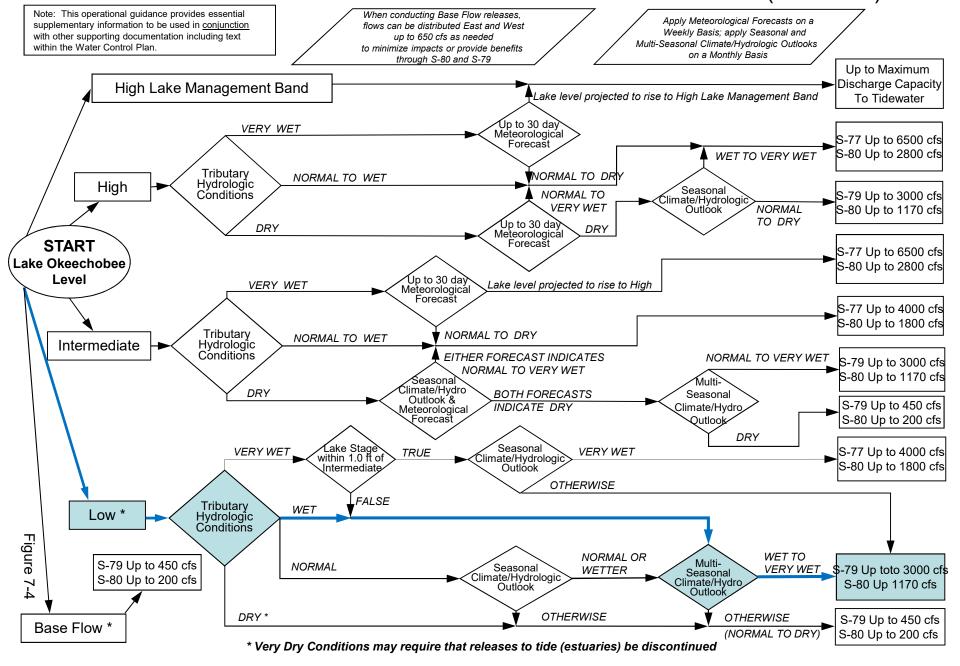
# **2008 LORS**

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

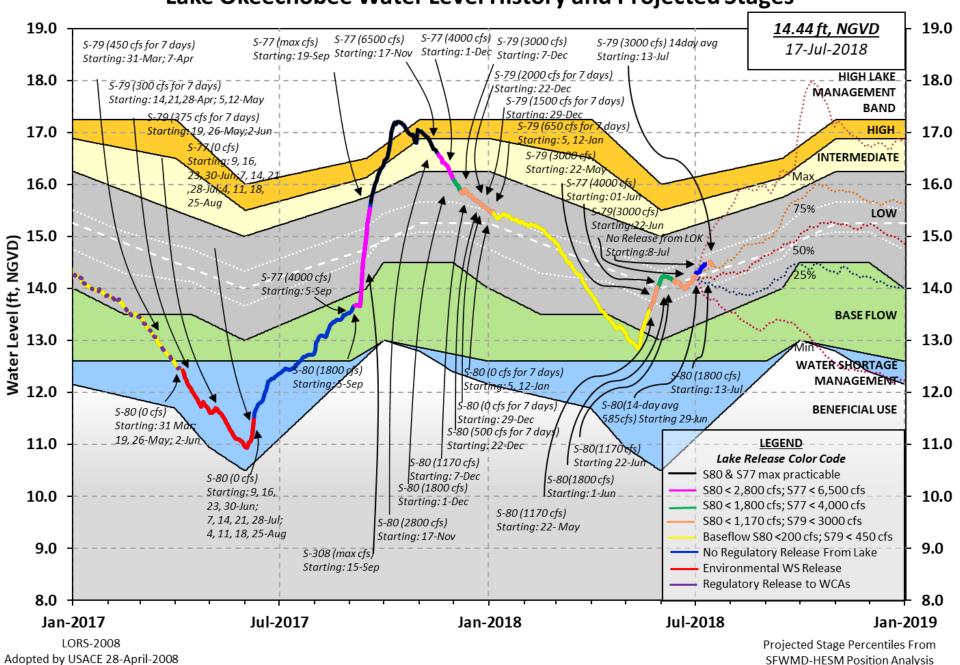


# **2008 LORS**

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



# **Lake Okeechobee Water Level History and Projected Stages**



#### 

Data Ending 2400 hours 15 JUL 2018

Okeechobee Lake	_	(ft-NGVI	O) (ft-NGVD	) (ft-NGVD	)
*Okeechobee I Bottom of Hig Currently in	gh Lake Mngmt	= 16.21 Top	of Water Sho		Official Elv) 1.41
Simulated Ave Difference fr			12.48 1.99		
15JUL (1965-2 Difference fr			erage 13.5 0.88		
Today Lake Ok stations	keechobee ele	vation is det	termined from	the 4 Int	& 4 Edge
++Navigation 8.41'	Depth (Based	on 2007 Char	nnel Conditio	n Survey) R	oute 1 ÷
++Navigation 6.61' Bridge Cleara	_		nnel Conditio	n Survey) R	oute 2 ÷
_					
4 Interior and	4 Edge Okeec	hobee Lake Av	verage (Avg-D	ailv values	):
	-		verage (11vg b	4	
L001 L005 14.52 14.55	L006 LZ40	S4 S35	52 S308 S	133	
	L006 LZ40 14.50 14.4	\$4 \$35 2 14.38 14.	52	133 4.44	
14.52 14.55	L006 LZ40 14.50 14.4	\$4 \$35 2 14.38 14.	52	133 4.44 14.47	
14.52 14.55  *Combination C	L006 LZ40 14.50 14.4 Okeechobee A	\$4 \$35 2 14.38 14.	52	133 4.44 14.47	
*Combination Combination Combi	L006 LZ40 14.50 14.4  Okeechobee A  Lows (cfs):	S4 S35 2 14.38 14. vg-Daily Lake	52 S308 S .61 14.38 1  e Average = (	133 4.44 14.47 *See Note)	
*Combination Combination Combi	L006 LZ40 14.50 14.4  Dkeechobee A  Lows (cfs): 0 30	S4 S35 2 14.38 14. vg-Daily Lake S65EX1 S191	52 S308 S .61 14.38 1  e Average = (  2951 0	133 4.44 14.47 *See Note) Fisheating S135 Pumps	0
*Combination Combination Combi	L006 LZ40 14.50 14.4  Dkeechobee A  Lows (cfs): 0 30 0	S4 S35 2 14.38 14.  vg-Daily Lake  S65EX1 S191 S133 Pumps	52 S308 S .61 14.38 1  e Average = (  2951 0 0	133 4.44  14.47 *See Note)  Fisheating S135 Pumps S2 Pumps	0
*Combination Combination Combi	L006 LZ40 14.50 14.4  Dkeechobee A  Lows (cfs):  0 30 0 487	S4 S35 2 14.38 14.  Nyg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps	52 S308 S .61 14.38 1  e Average = (  2951 0 0 0	133 4.44  14.47 *See Note)  Fisheating s135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination Combination Combi	Lows (cfs):  0 487 906	S4 S35 2 14.38 14  Evg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	52 S308 S .61 14.38 1  e Average = (  2951 0 0 0 0	133 4.44  14.47 *See Note)  Fisheating (S135 Pumps) S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
*Combination Combination Combi	Lows (cfs):  0 487 906	S4 S35 2 14.38 14.  Nyg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps	52 S308 S .61 14.38 1  e Average = (  2951 0 0 0 0	133 4.44  14.47 *See Note)  Fisheating s135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination Combination Combi	LOUG LZ40 14.50 14.4  Dkeechobee A  Lows (cfs): 0 30 0 487 906 119 4993	S4 S35 2 14.38 14  Evg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	52 S308 S .61 14.38 1  e Average = (  2951 0 0 0 0	133 4.44  14.47 *See Note)  Fisheating (S135 Pumps) S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
*Combination Combination Combi	LOUG LZ40 14.50 14.4  Dkeechobee A  Lows (cfs): 0 30 0 487 906 119 4993  Flows (cfs):	S4 S35 2 14.38 14  Evg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	52 S308 S .61 14.38 1  E Average = (  2951 0 0 0 0 0	133 4.44  14.47 *See Note)  Fisheating (S135 Pumps) S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
*Combination Combination Combi	LOUG LZ40 14.50 14.4  Dkeechobee A  Lows (cfs): 0 30 0 487 906 119 4993  Flows (cfs): 0	S4 S35 2 14.38 14.  Evg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	52 S308 S .61 14.38 1  e Average = (  2951 0 0 0 0 1974	133 4.44  14.47 *See Note)  Fisheating (S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
*Combination Combination Combi	LOUG LZ40 14.50 14.4  Dkeechobee A  Lows (cfs): 0 30 0 487 906 119 4993  Elows (cfs): 5 0 5	S4 S35 2 14.38 14.  Evg-Daily Lake  S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	52 S308 S .61 14.38 1  e Average = (  2951 0 0 0 0 1974	133 4.44  14.47 *See Note)  Fisheating (S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
*Combination Combination Combi	LOUG LZ40 14.50 14.4  Dkeechobee A  Lows (cfs):  0 30 0 487 906 119 4993  Flows (cfs): 6 0 6 0	S4 S35 2 14.38 14. Evg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	52 S308 S .61 14.38 1  e Average = (  2951 0 0 0 0 0 1974 463	133 4.44  14.47 *See Note)  Fisheating (S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0

\*\*\*\*\$77 structure flow is being used to compute Total Outflow.
\*\*\*\*\$308 structure flow is being used to compute Total Outflow.

Okeechobee Pan Evaporation (inches):

\$77 0.25 \$308 0.26

Average Pan Evap x 0.75 Pan Coefficient = 0.19" = 0.02'

Lake Average Precipitation using NEXRAD: = 0.00" = 0.00'

Evaporation - Precipitation: = 0.19" = 0.02'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 3754 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -8621 cfs or -17100 AC-FT

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	Headwater	Tailwater				Gat	te Pos	sition	ns	
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6	#7
#8	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
(ft)		( T	) see n	ote at	- hott	- Om				
North East S	hore	( ±	, 500 11	occ a	2 2000	20111				
S133 Pumps S193:	: 13.41	14.48	0	0	0	0	0	0	(cfs	;)
	18.94	14.46	0	0.0	0.0	0.0				
S135 Pumps	: 13.36	14.34	0	0	0	0	0		(cfs	;)
S135 Culve	erts:		0	0.0	0.0					
North West S	horo									
S65E:	21.10	14.32	0	0.0	0 0	0 0	0 0	-0.0	0 0	
S65EX1:		14.32	2951	0.0	0.0	0.0	0.0	0.0	0.0	
S127 Pumps		14.50	0	0	0	0	0	0	(cfs	;)
S127 Culve			0	0.0					·	
0100 D	10 00	1 4 51	0	0	0	0			, ,	,
S129 Pumps S129 Culve	12.87	14.51	0	0.0	0	0			(cfs	5)
SIZ9 CUIVE	:1		U	0.0						
S131 Pumps	: 12.83	14.49	0	0	0				(cfs	;)
S131 Culve	ert:		0							
ni de de la c	G 1-									
Fisheating nr Palmo		32.39	500							
nr Lakep		32.39	300							
C5:	,OI C	-NR-	0	-NI	RNE	RNE	3-			
South Shore										
S4 Pumps:	11.57		0	0					(cfs	;)
S169:	14.45	11.57	0	0.0	0.0	0.0				
S310:	14.37		45							

```
      S3 Pumps:
      10.23
      14.40
      0
      0
      0
      0
      0

      S354:
      14.40
      10.23
      1974
      3.2
      3.5

      S2 Pumps:
      10.12
      14.38
      0
      0
      0
      0
      0

      S351:
      14.38
      10.12
      463
      0.6
      0.6
      0.6
      0.6

      S352:
      14.55
      10.05
      0
      0.0
      0.0
      0.0

      C10A:
      -NR-
      12.87
      8.0
      8.0
      8.0
      0.0

      L8 Canal PT
      12.71
      2

                                                                                     (cfs)
                                                          8.0 8.0 8.0 0.0 0.0
                          S351 and S352 Temporary Pumps/S354 Spillway
                   10.12 14.38 463 -NR--NR--NR--NR--NR-
10.05 14.55 0 -NR--NR--NR-
10.23 14.40 1974 -NR--NR--NR-
   S351:
   S352:
   S354:
Caloosahatchee River (S77, S78, S79)

      S47B:
      13.10
      12.08
      0.0

      S47D:
      11.27
      11.28
      -14
      6.5

                                                           0.0 0.5
   S77:
      Spillway and Sector Flow:
                     13.84 11.28 ***** 5.0 5.0 5.0 5.0
     Flow Due to Lockages+: 2
   S77 Below USGS Flow Gage
                                              4726
   S78:
      Spillway and Sector Flow:
                     10.86 -NR- -NR- 4.0 4.0 4.5 4.0
    Flow Due to Lockages+:
                                             -NR-
   S79:
      Spillway and Sector Flow:
           3.32 1.64 7892 4.0 4.0 5.0 5.0 4.0 3.0 3.0
     Flow Due to Lockages+:
     Percent of flow from S77 54
Chloride (ppm) 44
                                                 54%
St. Lucie Canal (S308, S80)
   S308:
      Spillway and Sector Flow:
                     14.34 14.18 ***** 5.5 5.5 5.5 5.5
   Flow Due to Lockages+: 0
  S308 Below USGS Flow Gage 1918
S153: 19.08 13.98 24 0.0 0.0
   S80:
     Spillway and Sector Flow:
     12.95 1.57 1712 0.5 2.5 0.0 0.0 2.5 0.0 1.0 Flow Due to Lockages+: 12
                                                109%
     Percent of flow from S308
   Steele Point Top Salinity (mg/ml) ****
   Steele Point Bottom Salinity (mg/ml) ****
```

Speedy Point Top Salinity (mg/ml) \*\*\*\* 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.

-				W	ind
eaily Precipitation Totals	1-Day	3-Day	7-Day	Directio	on
	(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:	6.97	7.31	7.46	289	3
S78:	19.32	19.82	21.08	15	0
S79:	-25.35	-23.56	-23.42	333	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:	1.08	1.08	1.18	113	5
S80:	0.00	0.00	0.00	243	2
Okeechobee Average	4.03	0.65	0.66		
(Sites S78, S79 and	S80 not i	ncluded)			
Oke Nexrad Basin Avg	0.00	0.81	1.22		

- Okeechobee Lake Elevations 15JUL18	15 JUL 2018	14.47 Difference from
15JUL18 -1 Day =	14 JUL 2018	14.51 0.04
15JUL18 -2 Days =	13 JUL 2018	14.49 0.02
15JUL18 -3 Days =	12 JUL 2018	14.49 0.02
15JUL18 -4 Days =	11 JUL 2018	14.48 0.01
15JUL18 -5 Days =	10 JUL 2018	14.47 0.00
15JUL18 -6 Days =	09 JUL 2018	14.46 -0.01
15JUL18 -7 Days =	08 JUL 2018	14.44 -0.03
15JUL18 -30 Days =	15 JUN 2018	14.10 -0.37
15JUL18 -1 Year =	15 JUL 2017	12.54 -1.93
15JUL18 -2 Year =	15 JUL 2016	14.72 0.25

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 4.53

Lake Okeechobee Net Inflow (LONIN)

```
Average Flow over the previous 14 days | Avg-Daily Flow
                                            S65E
                             Average Flow over previous 14 days | Avg-Daily Flow
15JUL18 Today= 15 JUL 2018 0 MON
15JUL18 -1 Day = 14 JUL 2018 0 SUN
15JUL18 -2 Days = 13 JUL 2018 0 SAT
15JUL18 -3 Days = 12 JUL 2018 0 FRI
15JUL18 -4 Days = 11 JUL 2018 0 THU
15JUL18 -5 Days = 10 JUL 2018 0 WED
15JUL18 -6 Days = 09 JUL 2018 0 TUE
15JUL18 -7 Days = 08 JUL 2018 0 MON
15JUL18 -8 Days = 07 JUL 2018 0 SUN
15JUL18 -9 Days = 06 JUL 2018 0 SAT
15JUL18 -10 Days = 05 JUL 2018 0 FRI
15JUL18 -11 Days = 04 JUL 2018 0 THU
15JUL18 -12 Days = 03 JUL 2018 0 THU
15JUL18 -12 Days = 03 JUL 2018 0 WED
15JUL18 -13 Days = 02 JUL 2018 0 TUE
                                                                             0
                                                                                1
                                                                                0
                                                                                0
                                                                                S65EX1
Average Flow over previous 14 days | Avg-Daily Flow
```

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Lake Okeechobee Outlets Last 14 Days

DATE  15 JUL 2018  14 JUL 2018  13 JUL 2018  12 JUL 2018  10 JUL 2018  09 JUL 2018  08 JUL 2018  07 JUL 2018  06 JUL 2018  05 JUL 2018  04 JUL 2018	8 8447 8 5584 8 1 9 12 8 7 8 10 8 18 8 357 1189 1127	(ALL-DAY) (AC-FT) 9372 9226 5766 157 240 455 667 684 737 478 488 1339 1538	S-78 Discharge (ALL DAY) (AC-FT) -NR- 10261 6911 295 1657 2401 2869 3112 2785 2389 2535 3058 3093	S-79 Discharge (ALL DAY) (AC-FT) 15605 13932 12286 3874 5232 7785 8528 12078 10263 11090 10096 6408 6715	
02 JUL 2018	3 1116	1803	3102	6464	
DATE  15 JUL 2018  14 JUL 2018  13 JUL 2018  12 JUL 2018  11 JUL 2018  10 JUL 2018	3 -15 3 -19 3 -15 3 -37	S-351 Discharge (ALL DAY) (AC-FT) 918 1007 1207 802 373 0	S-352 Discharge (ALL DAY) (AC-FT) 0 0 0 0 0	S-354 Discharge (ALL DAY) (AC-FT) 1281 1342 861 1047 611 286	L8 Canal Pt Discharge (ALL DAY) (AC-FT) 5 -2 -1 -2 -5 32
09 JUL 2018 08 JUL 2018 07 JUL 2018 06 JUL 2018 05 JUL 2018 04 JUL 2018 03 JUL 2018 02 JUL 2018	3 -293 3 -329 3 -418 3 -372 -153 -4 3 -16	0 0 0 0 0 0	0 0 0 0 0 0	286 180 0 0 0 587 1561 813 153	6 -49 -136 -32 -22 6 14
DATE  15 JUL 2018 14 JUL 2018 13 JUL 2018 12 JUL 2018 11 JUL 2018 10 JUL 2018 09 JUL 2018 08 JUL 2018 07 JUL 2018 06 JUL 2018 05 JUL 2018 04 JUL 2018 03 JUL 2018	3 2927 3 1077 3 0 3 0 3 -0 3 1 3 1 3 0 3 -0 3 1	Below S-308 Discharge (ALL-DAY) (AC-FT) 3803 3046 676 -242 -98 203 -36 95 -100 -110 -78 -11 -41	S-80 Discharge (ALL-DAY) (AC-FT) 3439 2626 1405 289 977 972 704 1332 1907 1280 332 585 373		

02 JUL 2018 3 -204 1117

\*\*\* NOTE: Discharge (ALL DAY) is computed using Spillway, Sector Gate

and

Lockages Discharges from 0015 hrs to 2400 hrs.

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(I) - Flows preceded by "I" signify an instantaneous flow computed from the single value reported for the day  $% \left( 1\right) =\left( 1\right) +\left( 1$ 

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\* 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

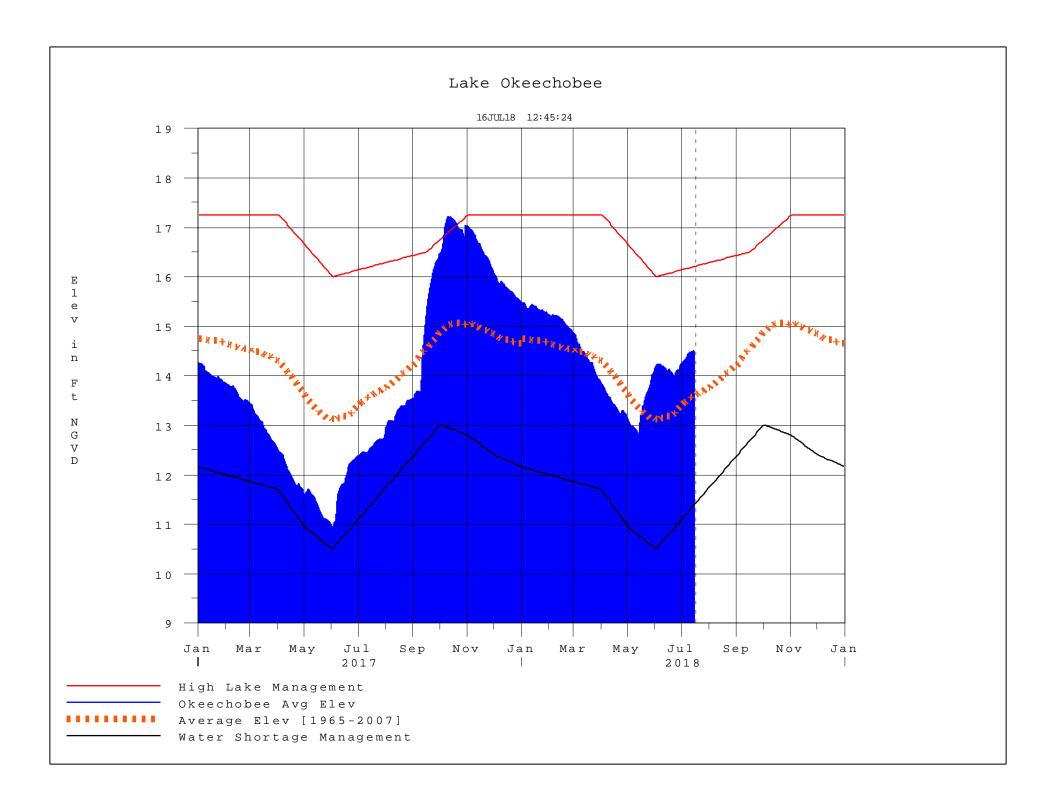
++ For more information see the Jacksonville District Navigation website at http://www.saj.usace.army.mil/

\$ For information regarding Lake Okeechobee Service Area water restrictions

please refer to www.sfwmd.gov

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Report Generated 16JUL2018 @ 12:38 \*\* Preliminary Data - Subject to Revision \*\*



# **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
	20003	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**