Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 4/9/2018 (La Nina 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		Croley's Method ^{1*}		SFWMD Empirical Method ²		Sub-sampling of La Nina Years ³		Sub-sampling of AMO Warm + La Nina Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	
Current (Apr- Sep)	N/A	N/A	1.75	Wet	1.93	Wet	1.68	Wet	
Multi Seasonal (Apr-Oct)	N/A	N/A	2.22	Normal	2.49	Normal	2.33	Normal	

^{*}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:

- **-2882 cfs** 14-day running average for Lake Okeechobee Net Inflow through 4/8/2018. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-1.81** for Palmer Index on 4/7/2018. 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 4/9/2018

Lake Okeechobee Stage: 13.58 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob	ee Management	Bottom Elevation	Current
Zone	/Band	(feet, NGVD)	Lake Stage
High Lake Manag	amant Dand	17.00	
High Lake Manage	ement Band	17.09	
	High sub-band		
Operational Band	Intermediate sub-band	15.43	
	Low sub-band	13.50	← 13.58
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	11.50	
Water Shortage M	lanagement Band		

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.

Technical Input Summaries from:

- Lake Okeechobee Division
- Coastal Ecosystems
- Everglades Ecosystems Division
- Water Supply Department
- Water Resource Management Release Recommendation
- Kissimmee Watershed Environmental Conditions
- Operations Department

Back to Lake Okeechobee Operations Main Page

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

LORS 2008 Implementation on 4/9/2018 (ENSO La Nina Condition):

Status for week ending 4/9/2018:

District wide, Raindar rainfall was 0.33 inches for the week. Lake stage on 4/9/2018 was 13.58 ft, NGVD, down 0.26 ft from last week.

The updated April 2018 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Low Operational Sub-Band. The 2008 LORS Tributary Hydrologic Condition (THC) tributary is classified as **Dry**. The PDSI indicates dry condition and the LONIN is Dry. The THC classification is based on the wetter of the two <u>indices</u>.

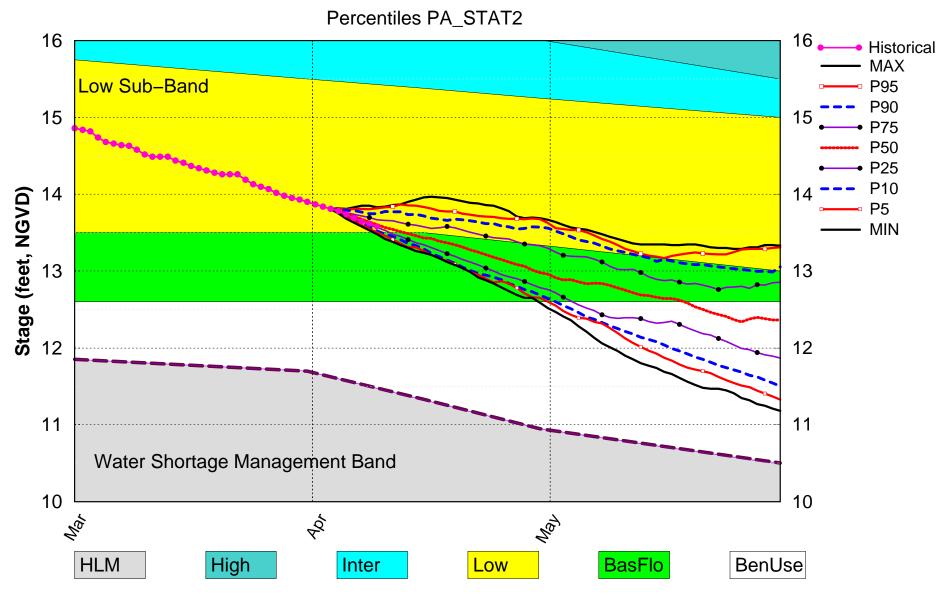
Water Supply Risk Evaluation

	Supply Kisk Evaluation		
Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Beneficial Use Sub Band	Н
	Palmer Index for LOK Tributary Conditions	-1.81 (Dry)	M
	CPC Precipitation Outlook	1 month: Below Normal	M
LOK	CFC Frecipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	1.93 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook ENSO Conditions	2.49 ft (Normal)	M
	WCA 1: Site 1-8C	Above Line 1 (15.76 ft)	L
WCAs	WCA 2A: Site S11BHW	Below Line 2 (9.60 ft)	Н
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.07 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.

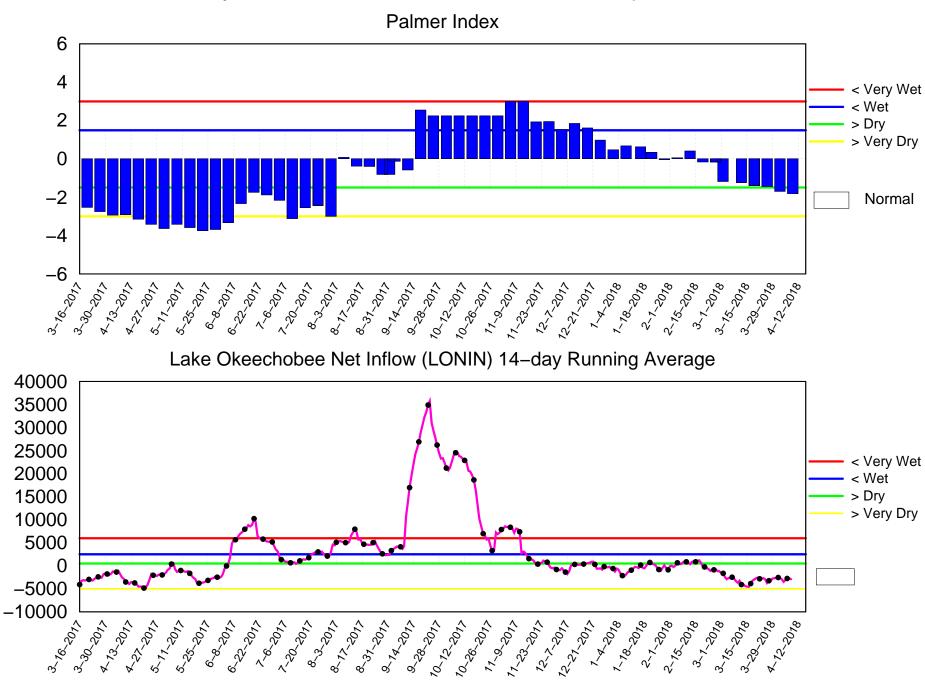
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Lake Okeechobee SFWMM Apr 2018 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of April 9 2018

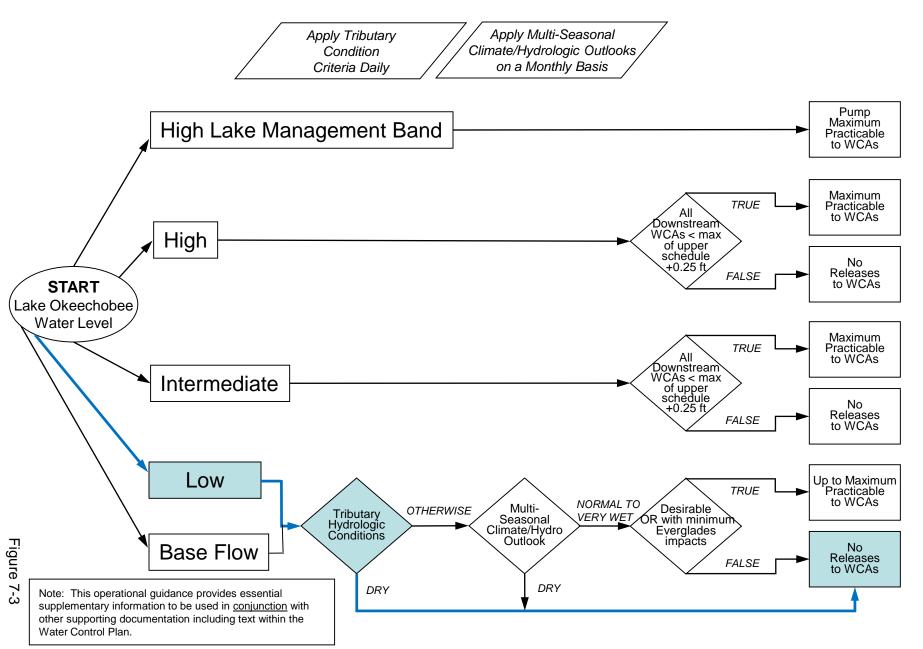


Mon Apr 09 16:52:18 EDT 2018

Flow (cfs)

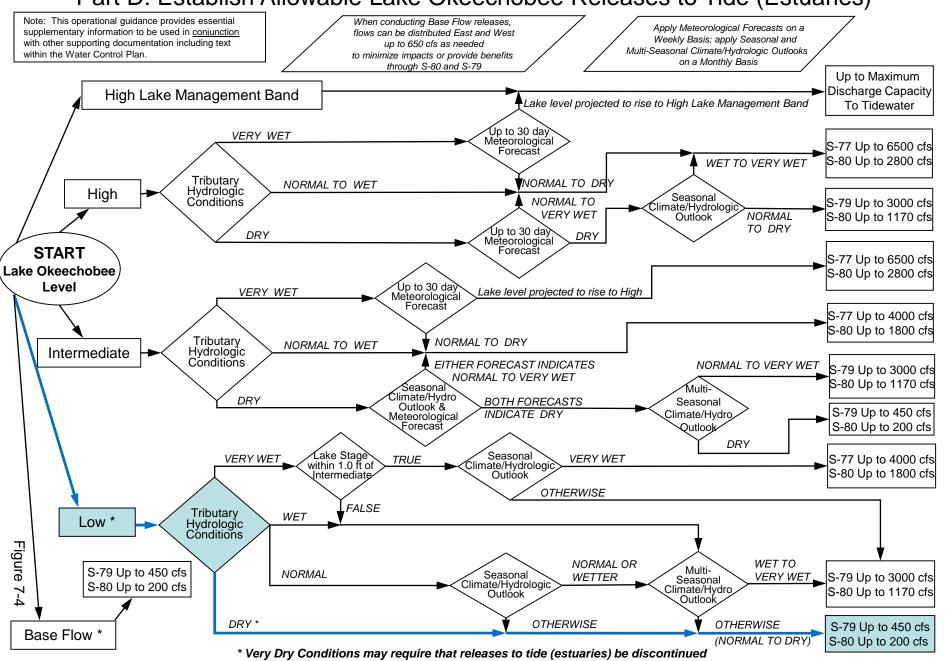
2008 LORS

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 19.0 13.57 ft, NGVD 19.0 S-77 (6500 cfs) S-77 (4000 cfs) S-79 (3000 cfs) S-77 (max cfs) S-79 (450 cfs for 7 days) Starting: 17-Nov Starting: 1-Dec Starting: 7-Dec 10-April-2018 Starting: 19-Sep Starting: 31-Mar; 7-Apr S-79 (2000 cfs for 7 days) HIGH LAKE 18.0 18.0 Stārīting: 22-Dec \overline{S} - $\overline{79}$ ($\overline{300}$ cfs for $\overline{7}$ days) MANAGEMENT S-79 (1500 cfs for 7 days) Starting: 14,21,28-Apr; 5,12-May BAND. Starting: 29-Dec \$ 79 (375 cfs for 7 days) S-79 (650 cfs for Z days) HIGH 17.0 17.0 Starting: 19, 26-May; Starting: 5, 12-Jan $S-\lambda \chi$ (0 cfs) INTERMEDIATE starting: 9, 16, Max 16.0 16.0 7, 14, 24 28-Jul; LOW 15.0 15.0 Water Level (ft, NGVD) 25-Aug S-77 (4000 cfs) Starting: 5-Sep 14.0 14.0 BASE FLOW 13.0 13.0 25%... WATER SHORTAGE S-80 (0 cfs for 7 days) MANAGEMENT S-80 (1800 cfs) Starting: 5, 12-Jan 12.0 12.0 Starting: 5-Sep S-80 (0 cfs for 7 days) Min S-80 (0 cfs) **BENEFICIAL USE** Startina: 29-Dec Starting: 31 Mar; S-80 (500 cfs for 7 days) 11.0 **LEGEND** 11.0 19, 26-May; 2-Jun Starting: 22-Dec Lake Release Color Code S-80 (1170 cfs) S80 & S77 max practicable Startina: 7-Dec S80 < 2,800 cfs; S77 < 6,500 cfs S-80 (0 cfs) 10.0 10.0 S-80 (1800 cfs) S80 < 1,800 cfs; S77 < 4,000 cfs Starting: 9, 16, Starting: 1-Dec S80 < 1,170 cfs; S79 < 3000 cfs 23, 30-Jun; S-80 (2800 cfs) Baseflow S80 < 200 cfs; S79 < 450 cfs 7, 14, 21, 28-Jul; 9.0 9.0 Starting: 17-Nov No Regulatory Release From Lake 4, 11, 18, 25-Aug Environmental WS Release S-308 (max cfs) Regulatory Release to WCAs Starting: 15-Sep 8.0 8.0 Jan-2017 Jul-2017 Jan-2018 Jul-2018 Jan-2019 LORS-2008 Projected Stage Percentiles From

SFWMD-HESM Position Analysis

Adopted by USACE 28-April-2008

Data Ending 2400 hours 08 APR 2018

Okeechobee Lake	Regulation				
*Okeechobee La Bottom of High Currently in O	Lake Mngmt=	13.58 17.11 Top o	12.2 of Water Sh	D) (ft-NGVD) 6 14.99 (Off ort Mngmt= 11.5	
Simulated Aver			12.88 0.70		
08APR (1965-20 Difference fro			rage 14. -0.5		
Today Lake Oke stations	echobee elev	ation is dete	ermined fro	m the 4 Int & 4	4 Edge
	epth (Based	on 2007 Chanr	nel Conditi	on Survey) Rou	te 1 ÷
7.52' ++Navigation D	epth (Based	on 2008 Chanr	nel Conditi	on Survey) Rout	te 2 ÷
5.72'	_				
Bridge Clearan	ce = 50.03'				
_					
1 Interior and 1	Edac Oltooch	ahaa Talea Need			
TILCELIOI AND 4	Eage Okeech	obee Lake Ave	erage (Avg-	Daily values):	
	L006 LZ40		_	S133	
	L006 LZ40	S4 S352	2 S308	s133	
L001 L005	L006 LZ40	S4 S352	2 S308	s133	
L001 L005	L006 LZ40 13.59 13.55	S4 S352 13.56 13.7	2	\$133 13.50	
L001 L005 13.58 13.62	L006 LZ40 13.59 13.55	S4 S352 13.56 13.7	2	s133 13.50	
L001 L005 13.58 13.62	L006 LZ40 13.59 13.55	S4 S352 13.56 13.7	2	\$133 13.50	
L001 L005 13.58 13.62 *Combination Ok	L006 LZ40 13.59 13.55 eechobee Av	S4 S352 13.56 13.7	2	\$133 13.50	
L001 L005 13.58 13.62 *Combination Ok Dkeechobee Inflo	L006 LZ40 13.59 13.55 eechobee Av	S4 S352 13.56 13.7 g-Daily Lake	2	\$133 13.50 13.58 (*See Note)	0
L001 L005 13.58 13.62 *Combination Ok - Okeechobee Inflo S65E	L006 LZ40 13.59 13.55 eechobee Av ws (cfs): 108 S	S4 S352 13.56 13.7 g-Daily Lake	2	S133 13.50 13.58 (*See Note) Fisheating Cr	_
L001 L005 13.58 13.62 *Combination Ok Combination Ok Combination Ok Second Infloration S65E S154	L006 LZ40 13.59 13.55 eechobee Av ws (cfs): 108 S 0 S	S4 S352 13.56 13.7 g-Daily Lake 65EX1 191	2	S133 13.50 13.58 (*See Note) Fisheating Cr S135 Pumps	0
L001 L005 13.58 13.62 *Combination Ok Combination Ok Combination Ok Combination Ok Combination Ok	L006 LZ40 13.59 13.55 eechobee Av ws (cfs): 108 S 0 S 0 S	S4 S352 13.56 13.7 g-Daily Lake 65EX1 191 133 Pumps	2	S133 13.50 13.58 (*See Note) Fisheating Cr S135 Pumps S2 Pumps	0
L001 L005 13.58 13.62 *Combination Ok Combination Ok Combination Ok Combination Ok S65E S154 S84 S84 S84X	L006 LZ40 13.59 13.55 eechobee Av ws (cfs): 108 S 0 S 0 S 0 S	S4 S352 13.56 13.7 g-Daily Lake 65EX1 191 133 Pumps 127 Pumps	2	S133 13.50 13.58 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
L001 L005 13.58 13.62 *Combination Ok Cheechobee Inflo S65E S154 S84 S84X S71	L006 LZ40 13.59 13.55 eechobee Av ws (cfs): 108 S 0 S 0 S 111 S	S4 S352 13.56 13.7 g-Daily Lake 65EX1 191 133 Pumps 127 Pumps 129 Pumps	2	S133 13.50 13.58 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S3 Pumps S4 Pumps	0 0 0
L001 L005 13.58 13.62 *Combination Ok Cheechobee Inflo S65E S154 S84 S84X S71 S72	L006 LZ40 13.59 13.55 eechobee Av ws (cfs): 108 S 0 S 0 S 111 S	S4 S352 13.56 13.7 g-Daily Lake 65EX1 191 133 Pumps 127 Pumps	2	S133 13.50 13.58 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
L001 L005 13.58 13.62 *Combination Ok Cheechobee Inflo S65E S154 S84 S84X S71 S72 Fotal Inflows:	L006 LZ40 13.59 13.55 eechobee Av ws (cfs): 108 S 0 S 0 S 111 S 0 S 409	S4 S352 13.56 13.7 g-Daily Lake 65EX1 191 133 Pumps 127 Pumps 129 Pumps	2	S133 13.50 13.58 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S3 Pumps S4 Pumps	0 0 0
L001 L005 13.58 13.62 *Combination Ok Combination Ok Combin	L006 LZ40 13.59 13.55 eechobee Av ws (cfs): 108 S 0 S 0 S 111 S 0 S 409 ows (cfs):	S4 S352 13.56 13.7 g-Daily Lake 65EX1 191 133 Pumps 127 Pumps 129 Pumps 131 Pumps	2	S133 13.50 13.58 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
L001 L005 13.58 13.62 *Combination Ok Combination Ok Combin	L006 LZ40 13.59 13.55 eechobee Av ws (cfs): 108 S 0 S 0 S 111 S 0 S 409 ows (cfs): 0 S	S4 S352 13.56 13.7 g-Daily Lake 65EX1 191 133 Pumps 127 Pumps 129 Pumps 131 Pumps	2	S133 13.50 13.58 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0
L001 L005 13.58 13.62 *Combination Ok Combination Ok Combin	L006 LZ40 13.59 13.55 eechobee Av ws (cfs): 108 S 0 S 0 S 111 S 0 S 409 ows (cfs): 0 S -3 S	S4 S352 13.56 13.7 g-Daily Lake 65EX1 191 133 Pumps 127 Pumps 129 Pumps 131 Pumps	2 S308 70 13.56 Average = 190 0 0 0 0 0	S133 13.50 13.58 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0
L001 L005 13.58 13.62 *Combination Ok Combination Ok Combin	L006 LZ40 13.59 13.55 eechobee Av ws (cfs): 108 S 0 S 0 S 111 S 0 S 409 ows (cfs): 0 S -3 S 0 S	S4 S352 13.56 13.7 g-Daily Lake 65EX1 191 133 Pumps 127 Pumps 129 Pumps 131 Pumps	2	S133 13.50 13.58 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps C5	0 0 0 0 0

****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 0.20 S308 0.40

Average Pan Evap x 0.75 Pan Coefficient = 0.23" = 0.02'

Lake Average Precipitation using NEXRAD: = 0.17" = 0.01'

Evaporation - Precipitation: = 0.06" = 0.00'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 1080 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -8470 cfs or -16800 AC-FT

	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)		<i>(</i> T) see n	0+0 0+	- ho++	- om				
North East S	hore	(1) see II	ote at	DOLL	JOIN				
S133 Pumps S193:	: 13.59	13.35	0	0	0	0	0	0	(cfs)	
S191:	18.17	13.34	0	0.0	0.0	0.0				
S135 Pumps	: 13.22	13.35	0	0	0	0	0		(cfs)	
S135 Culve	rts:		0	0.0	0.0					
North West S		10.00	1.00	0 0	0 0	0 0	0 0	0 0	0 0	
S65E: S65EX1:	20.99	12.93 12.93	108 190	0.3	0.0	0.0	0.0	0.0	0.0	
S127 Pumps		13.46	190	0	0	0	0	0	(cfs)	
S127 Fullips S127 Culve		13.40	-3	0.5	U	U	U	U	(CIS)	
SIZ/ Cuive	IC.		5	0.5						
S129 Pumps	: 12.94	13.59	0	0	0	0			(cfs)	
S129 Culve			0	0.0					(,	
S131 Pumps	: 13.09	13.60	0	0	0				(cfs)	
S131 Culve	rt:		-3							
Fisheating										
nr Palmd	-	27.85	0							
nr Lakep	ort		0							
C5:		-NR-	0	-NI	RNF	<ni< td=""><td>Κ-</td><td></td><td></td><td></td></ni<>	Κ -			
South Shore										
S4 Pumps:	11.01	13.60	0	0	0	0			(cfs)	
S169:	13.65	11.01	0	0.0		0.0			(010)	
S310:	13.58		75	J. J	•••	J. 0				
			-							

```
S3 Pumps: 11.57 13.61 0 0 0 0 0 (cfs)
S354: 13.61 11.57 715 0.9 0.9
S2 Pumps: 11.65 13.58 0 0 0 0 0 0 (cfs)
S351: 13.58 11.65 1584 3.0 2.9 3.0
S352: 13.68 11.77 768 1.8 1.7
C10A: -NR- 13.63 8.0 8.0 8.0 0.0 0.0
L8 Canal PT 13.47 246
                 S351 and S352 Temporary Pumps/S354 Spillway
            S351:
  S352:
  S354:
Caloosahatchee River (S77, S78, S79)
 S47B: 11.97 10.98 0.0
S47D: 10.96 10.95 -12 6.6
                                      0.0 0.0
  S77:
   Spillway and Sector Flow:
              Flow Due to Lockages+: 6
  S77 Below USGS Flow Gage 1187
  S78:
   Spillway and Sector Flow:
             Flow Due to Lockages+:
                                19
  S79:
   Spillway and Sector Flow:
       3.04 1.65 1322 0.0 0.0 1.0 1.0 1.0 0.0
   Flow Due to Lockages+:
   Percent of flow from S77 100% Chloride (ppm) 57
St. Lucie Canal (S308, S80)
  S308:
   Spillway and Sector Flow:
             13.49 13.47 195.00 0.0 0.0 0.0 0.0
  Flow Due to Lockages+: 0
 S308 Below USGS Flow Gage -53
S153: 18.57 13.25 0 0.0 0.0
  S80:
   Spillway and Sector Flow:
   13.47 -0.11 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 30
   Percent of flow from S308 NA %
  Steele Point Top Salinity (mg/ml) ****
  Steele Point Bottom Salinity (mg/ml) ****
```

Speedy Point Top Salinity (mg/ml) -N 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.

_				Wi	nd
_					
Daily Precipitation Totals	1-Day	3-Day	7-Day	Directio	on
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:	0.71	0.71	0.71	40	3
S78:	1.72	1.72	1.73	351	1
S79:	-46.37	-46.37	-46.37	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:	0.01	0.01	0.01	34	1
S80:	0.00	0.00	0.00	89	1
Okeechobee Average	0.36	0.06	0.06		
(Sites S78, S79 and	S80 not inc	cluded)			
Oke Nexrad Basin Avg	0.17	0.18	0.18		

_ Okeechobee La	ke Ele	vations	08	APR	2018	13.58	B Difference	from
08APR18								
08APR18 -	1 Day	=	07	APR	2018	13.62	2	0.04
08APR18 -	2 Days	=	06	APR	2018	13.65	5	0.07
08APR18 -	3 Days	=	05	APR	2018	13.69	9	0.11
08APR18 -	4 Days	=	04	APR	2018	13.74	4	0.16
08APR18 -	5 Days	=	03	APR	2018	13.78	3	0.20
08APR18 -	6 Days	=	02	APR	2018	13.83	1	0.23
08APR18 -	7 Days	=	01	APR	2018	13.84	4	0.26
08APR18 -3	0 Days	=	09	MAR	2018	14.52	2	0.94
08APR18 -	1 Year	=	08	APR	2017	12.20	5	-1.32
08APR18 -	2 Year	=	08	APR	2016	14.99	9	1.41

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 3.92

Lake Okeechobee Net Inflow (LONIN)

```
Average Flow over the previous 14 days | Avg-Daily Flow

      08APR18
      Today =
      08 APR 2018
      -2688 MON
      |

      08APR18
      -1 Day =
      07 APR 2018
      -2537 SUN
      |

      08APR18
      -2 Days =
      06 APR 2018
      -2584 SAT
      |

      08APR18
      -3 Days =
      05 APR 2018
      -2978 FRI
      |

      08APR18
      -4 Days =
      04 APR 2018
      -3270 THU
      |

      08APR18
      -5 Days =
      03 APR 2018
      -2745 WED
      |

      08APR18
      -6 Days =
      02 APR 2018
      -2440 TUE
      |

      08APR18
      -7 Days =
      01 APR 2018
      -2405 MON
      |

      08APR18
      -8 Days =
      31 MAR 2018
      -2489 SUN
      |

      08APR18
      -9 Days =
      30 MAR 2018
      -2556 SAT
      |

      08APR18
      -10 Days =
      29 MAR 2018
      -2648 FRI
      |

      08APR18
      -11 Days =
      28 MAR 2018
      -3073 THU
      |

      08APR18
      -12 Days =
      27 MAR 2018
      -3176 WED
      |

      08APR18
      -13 Days =
      26 MAR 2018
      -3415 TUE
      |

                                                    Today = 08 APR 2018 -2688 MON | -3642
   08APR18
                                                                                                                                                                                                                                                                                                -7/1
| -2862
| -6692
                                                                                                                                                                                                                                                                                                                              -4134
                                                                                                                                                                                                                                                                                                                              -1176
                                                                                                                                                                                                                                                                                                                               -1502
                                                                                                                                                                                                                                                                                                                                -1633
                                                                                                                                                                                                                                                                                                                                    -1345
                                                                                                                                                                                                                                                                                                                                -1532
                                                                                                                                                                                                                                                                                                                          -2140
-4535
                                                                                                                                                                                                                                                                                                                                    -5958
                                                                                                                                                               S65E
                                                                                                         Average Flow over previous 14 days | Avg-Daily Flow
   08APR18 Today= 08 APR 2018 192 MON | 126

      08APR18
      Today=
      08 APR 2018
      192 MON
      |

      08APR18 -1 Day =
      07 APR 2018
      200 SUN
      |

      08APR18 -2 Days =
      06 APR 2018
      208 SAT
      |

      08APR18 -3 Days =
      05 APR 2018
      213 FRI
      |

      08APR18 -4 Days =
      04 APR 2018
      217 THU
      |

      08APR18 -5 Days =
      03 APR 2018
      212 WED
      |

      08APR18 -6 Days =
      02 APR 2018
      199 TUE
      |

      08APR18 -7 Days =
      01 APR 2018
      187 MON
      |

      08APR18 -8 Days =
      31 MAR 2018
      174 SUN
      |

      08APR18 -9 Days =
      30 MAR 2018
      159 SAT
      |

      08APR18 -10 Days =
      29 MAR 2018
      142 FRI
      |

      08APR18 -12 Days =
      27 MAR 2018
      108 WED
      |

      08APR18 -13 Days =
      26 MAR 2018
      91 TUE
      |

                                                                                                                                                                                                                                                                                                                                            127
                                                                                                                                                                                                                                                                                                                                               160
                                                                                                                                                                                                                                                                                                                                               174
                                                                                                                                                                                                                                                                                                                                               172
                                                                                                                                                                                                                                                                                                                                         174
                                                                                                                                                                                                                                                                                                                                        175
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                                                                                                                                                                                                                                                                                                                                           238
                                                                                                                                                                                                                                                                                                                                           236
                                                                                                                                                               S65EX1
                                                                                                          Average Flow over previous 14 days | Avg-Daily Flow
   08APR18 Today=
                                                                                                      08 APR 2018 144 MON |
07 APR 2018 138 SUN |

      08APR18
      Today=
      08 APR 2018
      144 MON | 190

      08APR18 -1 Day =
      07 APR 2018
      138 SUN | 177

      08APR18 -2 Days =
      06 APR 2018
      138 SAT | 153

      08APR18 -3 Days =
      05 APR 2018
      135 FRI | 154

      08APR18 -4 Days =
      04 APR 2018
      129 THU | 153

      08APR18 -5 Days =
      03 APR 2018
      144 WED | 152

      08APR18 -6 Days =
      02 APR 2018
      154 TUE | 152

      08APR18 -7 Days =
      01 APR 2018
      172 MON | 152

      08APR18 -8 Days =
      31 MAR 2018
      182 SUN | 152

      08APR18 -9 Days =
      30 MAR 2018
      189 SAT | 139

      08APR18 -10 Days =
      29 MAR 2018
      197 FRI | 113

      08APR18 -11 Days =
      28 MAR 2018
      213 THU | 113

      08APR18 -12 Days =
      27 MAR 2018
      230 WED | 112

      08APR18 -13 Days =
      26 MAR 2018
      246 TUE | 112
```

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Lake Okeechobee Outlets Last 14 Days

DATE 08 APR 2018 07 APR 2018 06 APR 2018 05 APR 2018 04 APR 2018 03 APR 2018 02 APR 2018 01 APR 2018	3 3624 3 3070 3 1297 1222 3 2184 3 2518	Below S-77 Discharge (ALL-DAY) (AC-FT) 2353 3349 2670 944 1488 1843 2022 2645	S-78 Discharge (ALL DAY) (AC-FT) 1429 2265 3158 328 528 1039 1219 2036	S-79 Discharge (ALL DAY) (AC-FT) 2620 -NR- -NR- 107 345 693 1244 2203	
31 MAR 2018 30 MAR 2018 29 MAR 2018 28 MAR 2018 27 MAR 2018	3 3380 3 3001 3 1893 3 1622 3 1213	3061 2504 1497 1162 812	2649 3054 635 616 653	2926 1756 74 398 1042	
26 MAR 2018	S-310 Discharge (ALL DAY)	945 S-351 Discharge (ALL DAY)	882 S-352 Discharge (ALL DAY)	1485 S-354 Discharge (ALL DAY)	L8 Canal Pt Discharge (ALL DAY)
DATE 08 APR 2018 07 APR 2018 06 APR 2018 05 APR 2018 04 APR 2018 03 APR 2018 01 APR 2018 31 MAR 2018 30 MAR 2018 29 MAR 2018 28 MAR 2018 27 MAR 2018 26 MAR 2018	3 130 91 137 135 137 79 65 8 38 31 119 116 72	(AC-FT) 3142 3241 3528 2948 3199 3424 3048 2847 2905 2903 2904 2934 3035 3801	(AC-FT) 1386 1444 1701 1202 1422 1721 1378 1255 1372 1368 1392 1461 1485 1489	(AC-FT) 1194 1400 1461 1434 1352 1582 1360 1005 1037 1158 1406 1160 1231 1549	(AC-FT) 487 532 513 527 605 624 581 516 546 566 526 552 585 601
DATE 08 APR 2018 07 APR 2018 06 APR 2018 05 APR 2018 04 APR 2018 03 APR 2018 01 APR 2018 31 MAR 2018 30 MAR 2018 29 MAR 2018 28 MAR 2018	8 508 8 481 291 357 8 295 3 349 4 33 8 394 8 585 8 482 7 25	Below S-308 Discharge (ALL-DAY) (AC-FT) -106 -49 608 132 223 123 205 193 190 269 285 822 292	S-80 Discharge (ALL-DAY) (AC-FT) 60 56 47 51 63 48 59 55 45 75 50 45		

26 MAR 2018 227 -20 59

*** 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

* 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 \min 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.

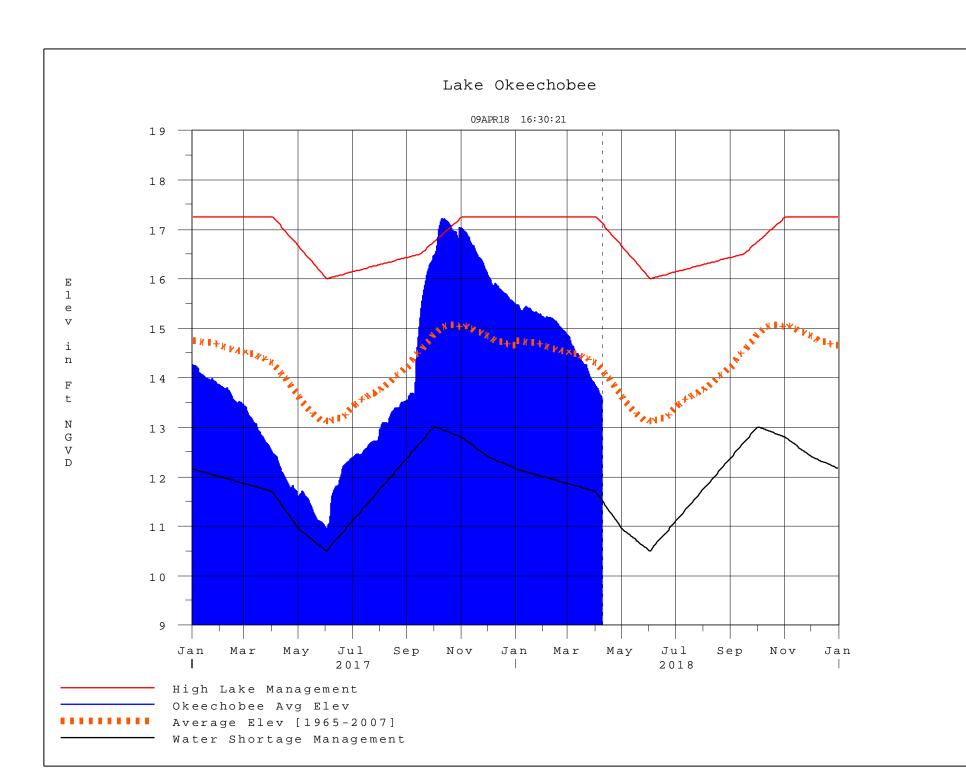
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations

++ 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 09APR2018 @ 16:38 ** 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

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

^{*} 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

^{**}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