Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 5/22/2017 (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 Neutral 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*}	Empirical Ne		Sub-sampling of Neutral ENSO Years ³		Sub-sampling of AMO Warm + Neutral ENSO Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Jun- Nov)	N/A	N/A	2.26	Very Wet	2.46	Very Wet	3.57	Very Wet
Multi Seasonal (Jun-Apr)	N/A	N/A	2.55	Wet	3.37	Wet	3.88	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.

Tributary Hydrologic Conditions Graph:

- **-3593 cfs** 14-day running average for Lake Okeechobee Net Inflow through 5/22/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-3.75** for Palmer Index on 5/21/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Dry.

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 5/22/2017

Lake Okeechobee Stage: 11.16 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechobee Management Zone/Band		Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Management Band		16.20	
	High sub-band	15.66	
Operational Band	Intermediate sub-band	15.08	
	Low sub-band	13.11	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub-band		10.64	← 11.16
Water Shortage Management 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: No releases to the Estuaries.

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

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LORS2008 Implementation on 5/22/2017 (ENSO Neutral Condition):

Status for week ending 5/22/2017:

District wide, Raindar rainfall was 0.40 inches for the week. Lake stage on 5/22/2017 was 11.16 ft, down 0.27 ft from last week.

The updated May 2017 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Beneficial Use Operational Sub-Band.

The LORS2008 tributary <u>indices</u> are classified as **Dry**. The PDSI indicates very dry condition and the LONIN is Dry. The classification is based on the wetter of the two.

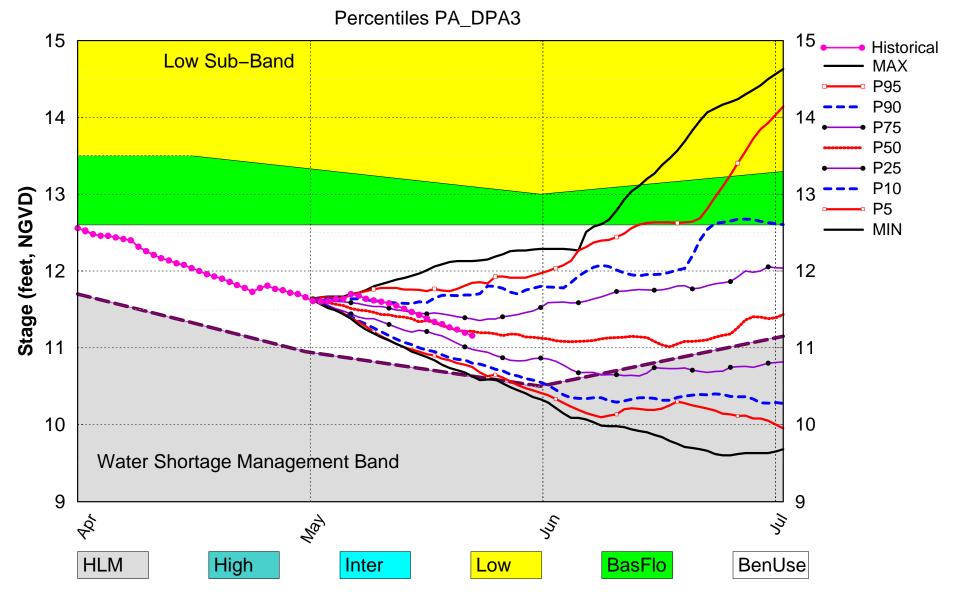
Water Supply Risk Evaluation

Tuci	ter Supply Risk Evaluation						
Area	Indicator	Value	Color Coded Scoring Scheme				
	Projected LOK Stage for the next two months	Beneficial Use Sub-Band	M				
	Palmer Index for LOK Tributary Conditions	-3.75 (Extremely Dry)	Ι				
	CPC Procinitation Outlook	1 month: Normal	L				
LOK	CPC Precipitation Outlook	3 months: Normal	L				
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	2.46 ft (Normal)	L				
	LOK Multi-Seasonal Net Inflow Outlook	3.37 ft (Wet)	L				
	ENSO La Nina Years						
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (15.90 ft)	L				
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.67 ft)	L				
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (8.57 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.

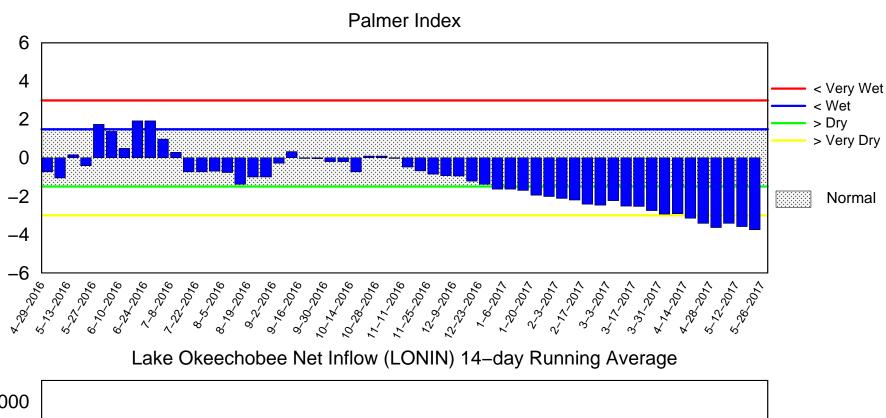
Back to Lake Okeechobee Operations Main Page
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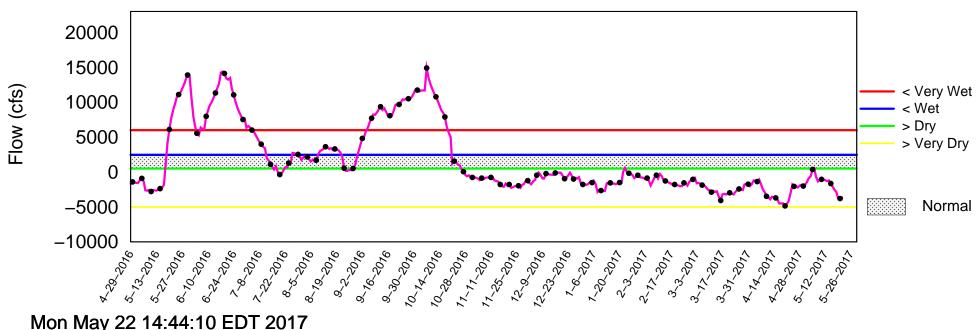
Lake Okeechobee SFWMM May 2017 Dynamic Position Analysis



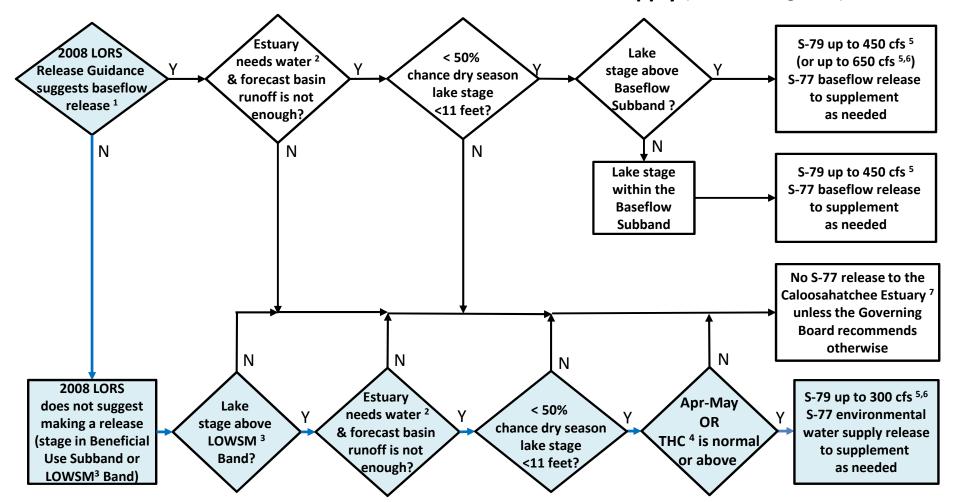
(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of May 22 2017





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.

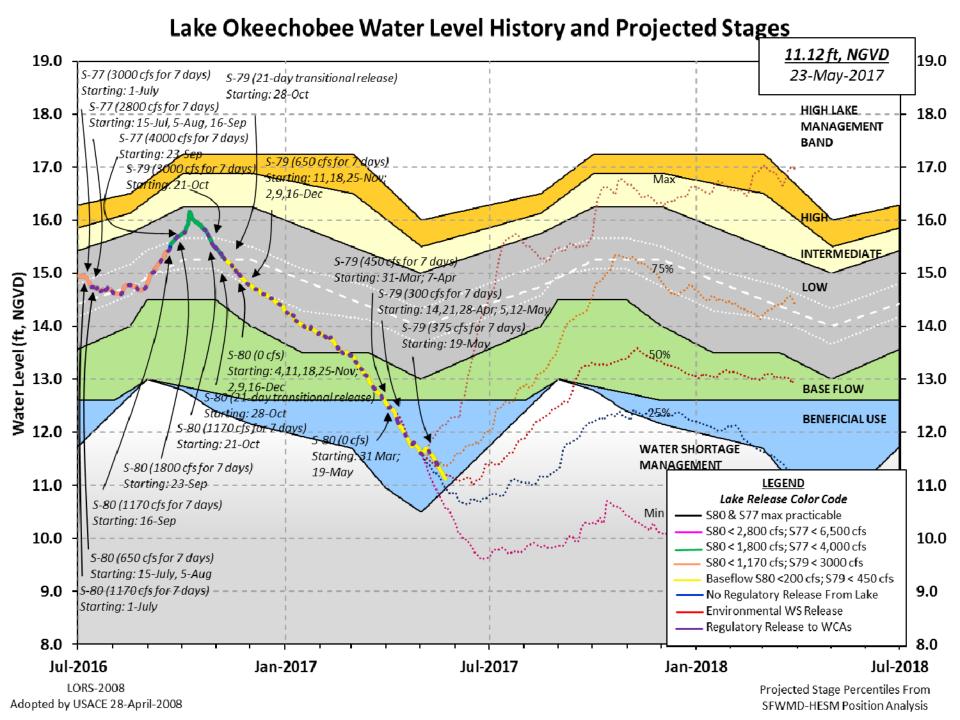
³LOWSM = Lake Okeechobee Water Shortage Management.

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.



Data Ending 2400 hours 21 MAY 2017

Okeechobee Lake	Regulatio:			Year 2YRS Ago SVD) (ft-NGVD)	
	Lake Mng		14. of Water S	24 13.12 (01	
		008 [1965-2000] LORS2008			
21MAY (1965-20 Difference fro		d of Record Ave rage	rage 13 -2.	3.20 04	
Today Lake Oke stations	echobee e	levation is det	ermined fr	com the 4 Int &	4 Edge
_	epth (Bas	ed on 2007 Chan	nel Condit	ion Survey) Rou	ıte 1 ÷
5.10' ++Navigation D	epth (Bas	ed on 2008 Chan	nel Condit	ion Survey) Rou	ite 2 ÷
3.30'				zion barvey, noc	
Bridge Clearan	ce = 52.6	2'			
_					
Interior and 4	Edge Oke	echobee Lake Av	erage (Avg	g-Daily values)	:
					:
L001 L005	L006 LZ	40 S4 S35	2 S308	S133	:
L001 L005	L006 LZ		2 S308		:
L001 L005 11.04 11.26	L006 LZ 11.24 11	40 S4 S35 .15 11.16 11.	2 S308 21 11.06	S133 5 11.14	:
L001 L005	L006 LZ 11.24 11	40 S4 S35 .15 11.16 11.	2 S308 21 11.06	S133 5 11.14 = 11.16	:
L001 L005 11.04 11.26	L006 LZ 11.24 11	40 S4 S35 .15 11.16 11.	2 S308 21 11.06	S133 5 11.14	:
L001 L005 11.04 11.26	L006 LZ 11.24 11	40 S4 S35 .15 11.16 11.	2 S308 21 11.06	S133 5 11.14 = 11.16	:
L001 L005 11.04 11.26 *Combination Ok	L006 LZ 11.24 11 eechobee	40 S4 S35 .15 11.16 11. Avg-Daily Lake	2 S308 21 11.06	S133 5 11.14 = 11.16	:
L001 L005 11.04 11.26 *Combination Ok Combination Ok	L006 LZ 11.24 11 eechobee ws (cfs):	40 S4 S35 .15 11.16 11. Avg-Daily Lake	2 S308 21 11.06 Average =	S133 5 11.14 = 11.16 (*See Note)	
L001 L005 11.04 11.26 *Combination Ok Combination Ok Combination Ok	L006 LZ 11.24 11 eechobee ws (cfs):	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1	2 S308 21 11.06 Average =	S133 5 11.14 = 11.16 (*See Note)	c 0
L001 L005 11.04 11.26 *Combination Ok Combination Ok Combination Ok Combination Ok	L006 LZ 11.24 11 eechobee ws (cfs): 0 0	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1 S191	2 S308 21 11.06 Average =	S133 5 11.14 = 11.16 (*See Note) Fisheating Cr S135 Pumps	c 0 0
L001 L005 11.04 11.26 *Combination Ok Combination Ok Combination Ok Combination Ok Combination Ok	L006 LZ 11.24 11 eechobee ws (cfs): 0 0	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1 S191 S133 Pumps	2 S308 21 11.06 Average =	S133 5 11.14 = 11.16 (*See Note) Fisheating Cr S135 Pumps S2 Pumps	c 0 0 0
L001 L005 11.04 11.26 *Combination Ok Combination Ok Combination Ok Combination Ok Combination Ok Combination Ok	L006 LZ 11.24 11 eechobee ws (cfs): 0 0 0	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps	2 S308 21 11.06 Average = 194 0 0	S133 5 11.14 = 11.16 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	C 0 0 0 0 0 0
L001 L005 11.04 11.26 *Combination Ok *Combination Ok S65E S154 S84 S84X S71	L006 LZ 11.24 11 eechobee ws (cfs): 0 0 0 0	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 21 11.06 Average = 194 0 0 0	S133 5 11.14 = 11.16 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	C 0 0 0 0 0 0 0 0 0
L001 L005 11.04 11.26 *Combination Ok Ckeechobee Inflo S65E S154 S84 S84X S71 S72	L006 LZ 11.24 11 eechobee ws (cfs): 0 0 0 0 0 68	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps	2 S308 21 11.06 Average = 194 0 0	S133 5 11.14 = 11.16 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	C 0 0 0 0 0 0
L001 L005 11.04 11.26 *Combination Ok Combination Ok Combin	L006 LZ 11.24 11 eechobee ws (cfs): 0 0 0 0	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 21 11.06 Average = 194 0 0 0	S133 5 11.14 = 11.16 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	C 0 0 0 0 0 0 0 0
L001 L005 11.04 11.26 *Combination Ok Combination Ok Combin	L006 LZ 11.24 11 eechobee ws (cfs): 0 0 0 0 0 68 262	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 21 11.06 Average = 194 0 0 0	S133 5 11.14 = 11.16 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	C 0 0 0 0 0 0 0 0
*Combination Ok *Combination Ok *Combination Ok Combination Ok *Combination Ok	L006 LZ 11.24 11 eechobee ws (cfs): 0 0 0 0 0 68 262	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 21 11.06 Average = 194 0 0 0	S133 5 11.14 = 11.16 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	C 0 0 0 0 0 0 0 0
L001 L005 11.04 11.26 *Combination Ok Combination Ok Combin	L006 LZ 11.24 11 eechobee ws (cfs): 0 0 0 0 68 262 ows (cfs)	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 21 11.06 Average =	S133 5 11.14 = 11.16 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps C5	C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
L001 L005 11.04 11.26 *Combination Ok Combination Ok Combin	L006 LZ 11.24 11 eechobee ws (cfs): 0 0 0 0 0 0 68 262 ows (cfs)	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : :	2 S308 21 11.06 Average = 194 0 0 0 0	S133 5 11.14 Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps C5 S77	0 0 0 0 0 0
*Combination Ok *Combination Ok Cokeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outfl S135 Culverts S127 Culverts	L006 LZ 11.24 11 eechobee ws (cfs): 0 0 0 0 0 68 262 ows (cfs) 0 0	40 S4 S35 .15 11.16 11. Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps : : : : : : : : : : : : : : : : : : :	2 S308 21 11.06 Average = 194 0 0 0 0 0	S133 5 11.14 Fisheating Cr S135 Pumps S2 Pumps S2 Pumps S3 Pumps C5 S77	0 0 0 0 0 0

	m1 +	m1 +	D 1-	11.1	11.0	uэ	11.4		11.6	11.77
#8	Elevation	Elevation	Discn	#1	#2	#3	#4	#5	#6	#7
#0	(ft_mg])	(ft-msl)	(afa)	(f+)	(f+)	(f+)	(f+)	(f+)	(f+) (f+\
(ft)	(IC-IIISI)	(IC-msI)	(CIS)	(IC)	(IL)	(IC)	(IL)	(IL)	(IC) (IC)
(10)		(т) see n	ote at	- hott	- om				
North East Sh	nore	(1) 500 11	oce ac	Doce	COIII				
S133 Pumps:	-	11.23	0	0	0	0	0	0	(cfs)	
S193:		11,13	· ·	ŭ	· ·	· ·	· ·	Ū	(020)	
	17.21	11.16	0	0.0	0.0	0.0				
S135 Pumps:		10.97	0	0	0	0	0		(cfs)	
S135 Culver			0	0.0	0.0				, ,	
North West Sh	nore									
S65E:	20.97	10.82	0	0.0	0.0	0.0	0.0	0.0	0.0	
S65EX1:	20.97	10.82	194							
S127 Pumps:	11.58	11.30	0	0	0	0	0	0	(cfs)	
S127 Culver	rt:		0	0.0						
S129 Pumps:	·	-NR-	0	0	0	0			(cfs)	
S129 Culver	rt:		0	-NR-						
S131 Pumps:	12.06	11.69	0	0	0				(cfs)	
S131 Culver	rt:		0							
Fisheating										
nr Palmda		27.05	0							
nr Lakepo	ort	- 								
C5:		-NR-	0	-NF	SNI	R - NI	? -			
South Shore	10 61	11 10	•	_	•	•			, ,	
S4 Pumps:	10.61	11.17	0	0	0	0			(cfs)	

```
S169: 11.09 10.98 200 5.0 5.0 5.0
S310: 11.00 242

      S310:
      11.00
      2.2

      S3 Pumps:
      10.89
      11.16
      0
      0
      0
      0

      S354:
      11.16
      10.89
      596
      3.9
      3.9

      S2 Pumps:
      10.69
      11.14
      0
      0
      0
      0

      S351:
      11.14
      10.69
      879
      3.7
      3.7
      3.9

                                                                      (cfs)
                                            0 0 0 0
                                                                     (cfs)
              11.19
  S352:
                        10.65
                                   443 2.3 2.2
 C10A:
                                          8.0 8.0 8.0 0.0 0.0
              -NR-
                        11.42
 L8 Canal PT
                         11.25 -218
                   S351 and S352 Temporary Pumps/S354 Spillway
              10.69
                         11.14
                                   879 -NR--NR--NR--NR--NR-
                        11.19 443 -NR--NR--NR--NR-
11.16 596 -NR--NR--NR-
  S352:
              10.65
  S354:
               10.89
Caloosahatchee River (S77, S78, S79)
  S47B: 12.50 10.85
                                          0.0 0.0
  S47D:
              10.93
                        10.92 -7 6.2
  S77:
   Spillway and Sector Flow:
               11.13 10.97 708.00 3.5 3.5 3.5
   Flow Due to Lockages+: 0
  S77 Below USGS Flow Gage 1152
  S78:
    Spillway and Sector Flow:
                                   527 0.0 0.0 0.0 1.5
               10.79 2.60
  Flow Due to Lockages+:
                                    13
  S79:
    Spillway and Sector Flow:
     2.77 1.58 600 0.0 0.0 0.0 1.0 1.0 1.0
0.0
    Flow Due to Lockages+:
                low from S77 118% (ppm) 96
    Percent of flow from S77
    Chloride
St. Lucie Canal (S308, S80)
  S308:
    Spillway and Sector Flow:
               11.05 10.88 0.00 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                                  0
  S308 Below USGS Flow Gage
                                  -NR-
  S153: 18.56 10.65
                                    0 0.0 0.0
  S80:
   Spillway and Sector Flow:
                                  0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
23
               10.92 0.32
    Flow Due to Lockages+:
    Percent of flow from S308 NA %
  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.

-				Wi	nd
- Daily Precipitation Totals	1-Day	3-Day	7-Day	Directio	n
Speed					
	(inches)	(inches)	(inches)	(Degø)	
(mph)					
S133 Pump Station:	-NR-	0.00	0.00		
S193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-	0.00	0.00		
S135 Pump Station:	-NR-	0.00	0.00		
S127 Pump Station:	-NR-	0.00	0.00		
S129 Pump Station:	-NR-	0.00	0.00		
S131 Pump Station:	-NR-	0.00	0.00		
S77:	0.00	0.15	0.15	270	0
S78:	0.00	0.00	0.00	248	0
S79:	0.39	0.41	0.42	300	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:	0.52	0.52	0.72	146	3
S80:	0.00	0.00	0.06	232	1
Okeechobee Average	0.26	0.05	0.07		
(Sites S78, S79 and	S80 not ind	cluded)			
Oke Nexrad Basin Avg	0.04	0.07	0.19		

keechobee Lake Elevations	21 MAY 2017	11.16 Differ	ence from
21MAY17			
21MAY17 - 1 Day =	20 MAY 2017	11.20	0.04
21MAY17 - 2 Days =	19 MAY 2017	11.24	0.08
21MAY17 - 3 Days =	18 MAY 2017	11.27	0.11
21MAY17 - 4 Days =	17 MAY 2017	11.31	0.15
21MAY17 -5 Days =	16 MAY 2017	11.34	0.18
21MAY17 -6 Days =	15 MAY 2017	11.38	0.22
21MAY17 - 7 Days =	14 MAY 2017	11.43	0.27
21MAY17 - 30 Days =	21 APR 2017	11.78	0.62
21MAY17 -1 Year =	21 MAY 2016	14.24	3.08
21MAY17 - 2 Year =	21 MAY 2015	13.12	1.96

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 5.02

_				
			Net Inflow (LONIN)	
		rage Flow over the	previous 14 days	Avg-Daily Flow
	21MAY17 Today =	21 MAY 2017	-3544 MON	-4433
	21MAY17 - 1 Day =	20 MAY 2017	-3690 SUN	-4187
	21MAY17 - 2 Days =	19 MAY 2017	-3624 SAT	-2155
	21MAY17 - 3 Days =	18 MAY 2017	-2699 FRI	-3687
	21MAY 17 -4 Days =	17 MAY 2017	-2412 THU	-1822
	21MAY 17 -5 Days =	16 MAY 2017	-1894 WED	-3374
	21MAY17 -6 Days =	15 MAY 2017	-1424 TUE	-5877
	21MAY17 -7 Days =	14 MAY 2017	-942 MON	-4640
	21MAY17 -8 Days =	13 MAY 2017	-1025 SUN	-4566
	21MAY17 - 9 Days =	12 MAY 2017	-972 SAT	-4155
	21MAY17 -10 Days =	11 MAY 2017	-750 FRI	-2832
	21MAY17 -11 Days =	10 MAY 2017	-831 THU	-2356
	21MAY17 -12 Days =	09 MAY 2017	-846 WED	-2372
	21MAY17 -13 Days =	08 MAY 2017	-1084 TUE	-3153
_				
_		S65E		
		Average Flow over	provious 14 days	Avg-Daily Flow
	01MNX17	21 MAY 2017		! -
	21MAY17 Today=			0
	21MAY17 -1 Day =	20 MAY 2017	0 SUN	0
	21MAY17 -2 Days =	19 MAY 2017	0 SAT	0
	21MAY17 -3 Days =	18 MAY 2017	0 FRI	0
	21MAY17 -4 Days =	17 MAY 2017	0 THU	0
	21MAY17 - 5 Days =	16 MAY 2017	0 WED	0
	21MAY17 - 6 Days =	15 MAY 2017	0 TUE	0
	21MAY17 -7 Days =	14 MAY 2017	0 MON	0
	21MAY17 - 8 Days =	13 MAY 2017	0 SUN	0
	21MAY17 - 9 Days =	12 MAY 2017	0 SAT	0
	21MAY17 -10 Days =	11 MAY 2017	0 FRI	0
	21MAY17 - 11 Days =	10 MAY 2017	0 THU	0
	21MAY17 - 12 Days =	09 MAY 2017	0 WED	0
	21MAY17 - 13 Days =	08 MAY 2017	0 TUE	0
_				
_		S65EX1		
		Average Flow over	previous 14 days	Avg-Daily Flow
	21MAY17 Today=	21 MAY 2017	178 MON	194
	21MAY17 -1 Day =	20 MAY 2017	178 SUN	193
	21MAY17 -2 Days =	19 MAY 2017	180 SAT	193
	21MAY17 - 3 Days =	18 MAY 2017	186 FRI	193
	21MAY17 - 4 Days =	17 MAY 2017	191 THU	157
	21MAY17 -5 Days =	16 MAY 2017	202 WED	169
	21MAY17 -6 Days =	15 MAY 2017	213 TUE	171
	21MAY17 -7 Days =	14 MAY 2017	217 MON	149
	21MAY17 - 7 Days - 21MAY17 - 8 Days =	13 MAY 2017	217 MON 222 SUN	189
	-	13 MAY 2017 12 MAY 2017		200
	21MAY17 -9 Days =			•
	21MAY17 -10 Days =	11 MAY 2017	224 FRI	171
	21MAY17 -11 Days =	10 MAY 2017	228 THU	176
	21MAY17 -12 Days =	09 MAY 2017	230 WED	171

_ Lake Okeechobee Outlets Last 14 Days

					-		
			S-77	Below S-77	S-78	S-79	
			Discharge	Discharge	Discharge	Discharge	
			(ALL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)	
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
21	MAY			2285	1071	1200	
	MAY			1828	1189	1199	
	MAY			1075	525	590	
	MAY			1147	266	12	
	MAY			1017	34	140	
	MAY			1871	316	463	
15	MAY	2017		2565	1064	689	
	MAY			2321	1054	1382	
13	MAY	2017		1998	1055	1175	
	MAY			2271	1070	237	
	MAY			1839	660	10	
	MAY			1338	370	81	
	MAY			727	391	347	
	MAY			612	227	550	
			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	3	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
21	MAY	2017	479	1791	821	1146	-431
20	MAY	2017		1999	797	1295	-258
19	MAY	2017		2376	1001	1759	-295
	MAY			2538	922	1924	-282
17	MAY	2017	473	2469	1126	1900	-199
16	MAY	2017		2439	1178	2029	-124
	MAY			1412	876	1483	-245
14	MAY	2017		1051	775	1140	-365
	MAY			1364	992	1237	-276
12	MAY	2017	251	1711	950	1384	3
	MAY			1148	547	1196	126
	MAY			873	56	228	62
	MAY			867	111	464	17
80	MAY	2017	-175	0	0	0	-57
			S-308	Dolor C 200	0 0 0 0		
				Below S-308 Discharge		_	
			Discharge	(ALL-DAY)	Discharge		
	ם ייי ע כו	,	(ALL DAY)		(ALL-DAY))	
21	DATE MAY		(AC-FT) ' 0	(AC-FT) -NR-	(AC-FT) 46		
	MAY			-NR-	43		
	MAY			401	30		
	MAY			476	24		
	MAY			430	41		
	MAY			183	27		
	MAY			-66	25		
	MAY			-1	30		
	MAY			-241	34		
	MAY			-187	42		
		/	ŭ	_0,			

11	MAY	2017	-8	-256	55
10	MAY	2017	-9	-117	41
09	MAY	2017	-10	33	56
80	MAY	2017	-6	30	49

*** 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

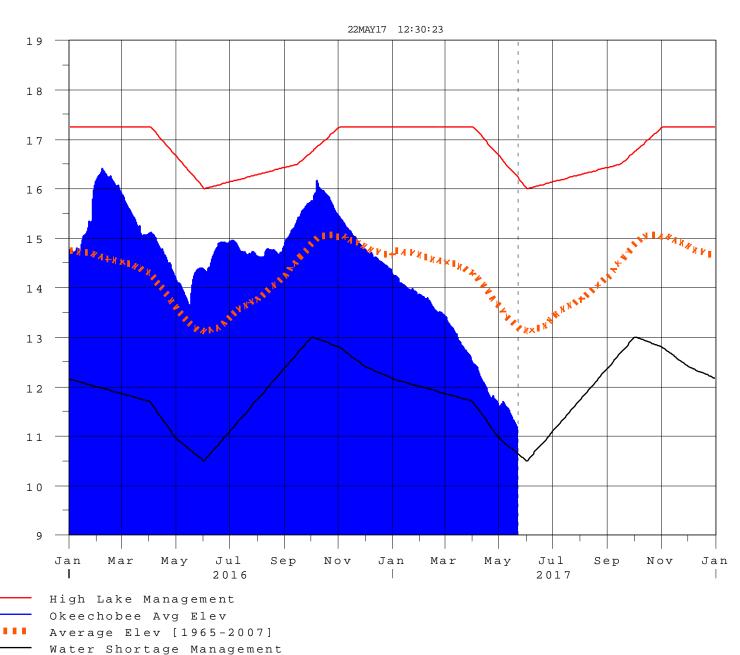
- * On 11 May 1999, Lake Okeechobee Elevation was switched from Instantaneous 2400 value to an average-daily lake average. On 14 Mar 2001, due to the isolation of various gages within the standard
 - 10 stations, the average of the interior 4 station gages was used as the Lake Okeechobee Elevation.
 - On 05 November 2010, Lake Okeechobee Elevation was switched to a 9 gage 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 22MAY2017 @ 12:38 ** Preliminary Data - Subject to Revision **





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Classification Tables

Supplemental Tables used in conjunction with the LORS2008

Release

Guidance Flow Charts

• Class Limits for Tributary Hydrologic Conditions

Table K-2 in the Lake Okeechobee Water Control Plan

• 6-15 Day Precipitation Outlook Categories

Table ?? in the Lake Okeechobee Water Control Plan

• Classification of Lake Okeechobee Net Inflow for Seasonal

Outlook

Table K-3 in the Lake Okeechobee Water Control Plan

Classification of Lake Okeechobee Net Inflow for Multi-

Seasonal Outlook

Table K-4 in the Lake Okeechobee Water Control Plan

Back to Lake Okeechobee Operations Main Page

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

Tributary Hydrologic	Palmer Index	2-wk Mean L.O. Net
Classification*	Class Limits	Inflow Class Limits
Very Wet	3.0 or greater	Greater >= 6000 cfs
Wet	1.5 to 2.99	2500 - 5999 cfs
Near Normal	-1.49 to 1.49	500 - 2499 cfs
Dry	-2.99 to -1.5	-5000 – 500 cfs
Very Dry	-3.0 or less	Less than -5000 cfs

^{*} 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