Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 5/8/2017 (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	Croley's Method ^{1*}		SFWMD Empirical Method ²		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 (May- Oct)	N/A	N/A	2.35	Very Wet	2.68	Very Wet	3.55	Very Wet
Multi Seasonal (May- Apr)	N/A	N/A	2.80	Wet	3.78	Wet	4.19	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:

- **-653 cfs** 14-day running average for Lake Okeechobee Net Inflow through 5/8/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-3.41** for Palmer Index on 5/7/2017. 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 5/8/2017

Lake Okeechobee Stage: 11.64 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 Manage	oment Rand	16.49	
Tilgit Lake Mariago	ement band	10.49	
	High sub-band	15.89	
Operational Band	Intermediate sub-band	15.20	
	Low sub-band	13.26	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	10.85	← 11.64
Water Shortage M	lanagement Band		

LORS2008 Implementation on 5/8/2017 (ENSO Neutral Condition):

Status for week ending 5/8/2017:

District wide, Raindar rainfall was 1.57 inches for the week. Lake stage on 5/8/2017 was 11.64 ft, up 0.03 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.

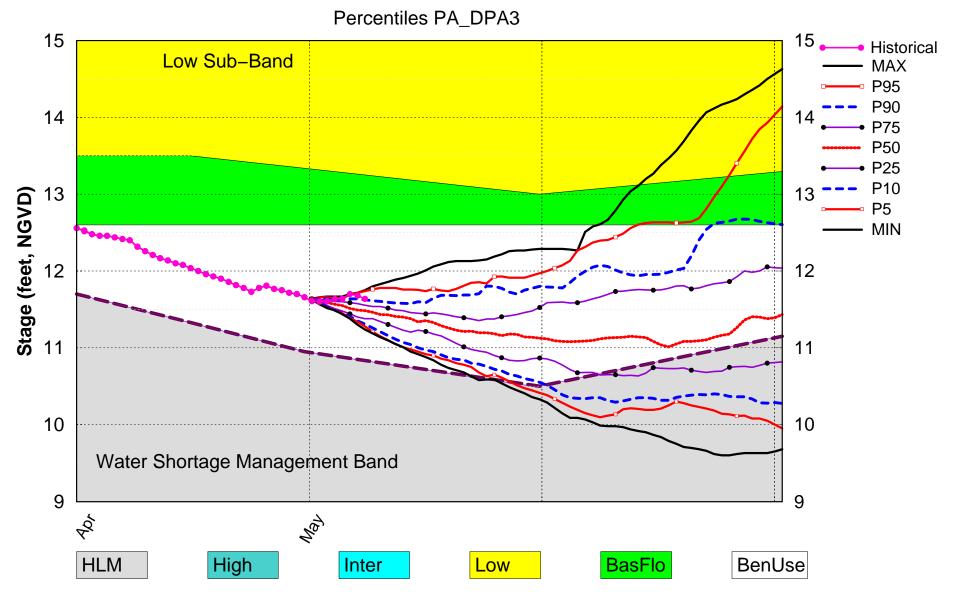
Water Supply Risk Evaluation

vvaler	Supply Risk 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	-3.41 (Extremely Dry)	П
	CPC Precipitation Outlook	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	2.68 ft (Normal)	L
	LOK Multi-Seasonal Net Inflow Outlook	3.78 ft (Wet)	L
	ENSO La Nina Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.14 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.72 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (8.80 ft)	L
	Service Area 1	Year-Round Irrigation Rule in effect	٦
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.

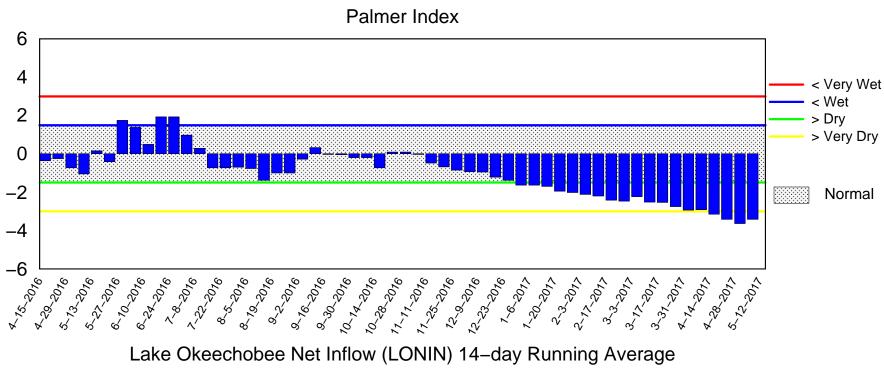
<u>Back to Lake Okeechobee Operations Main Page</u>
Back to U.S. Army Corps of Engineers LORSS Homepage

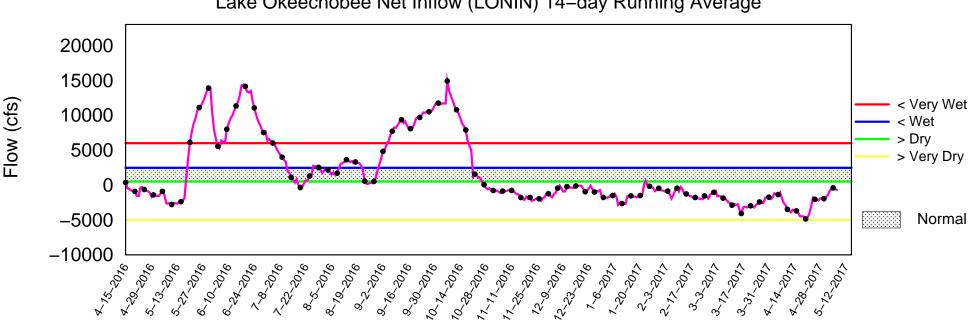
Lake Okeechobee SFWMM May 2017 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

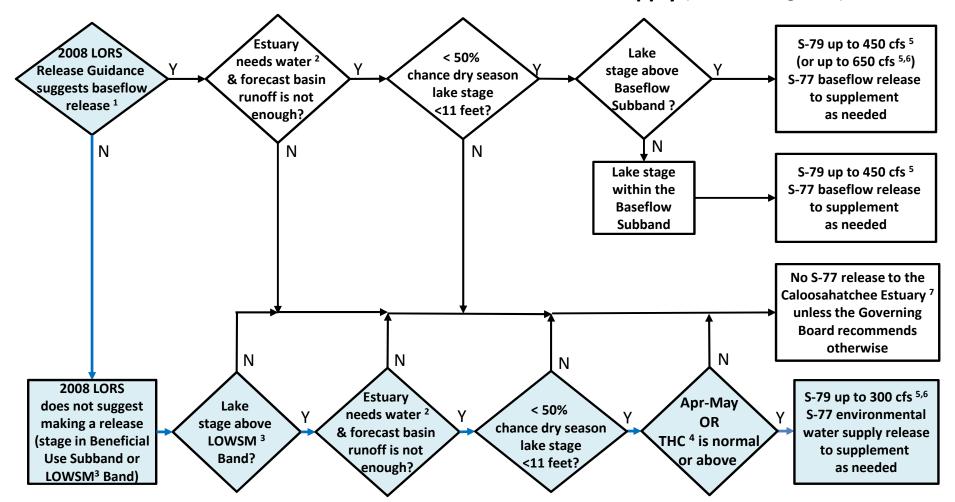
Tributary Basin Condition Indicators as of May 8 2017





Mon May 08 14:07:38 EDT 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.

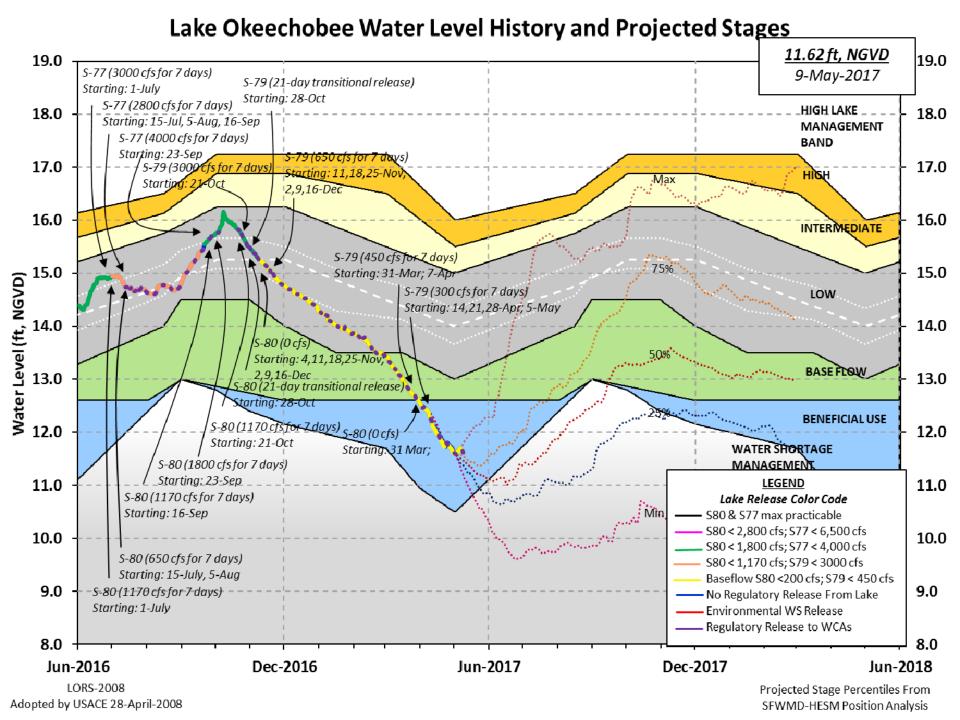
³LOWSM = Lake Okeechobee Water Shortage Management.

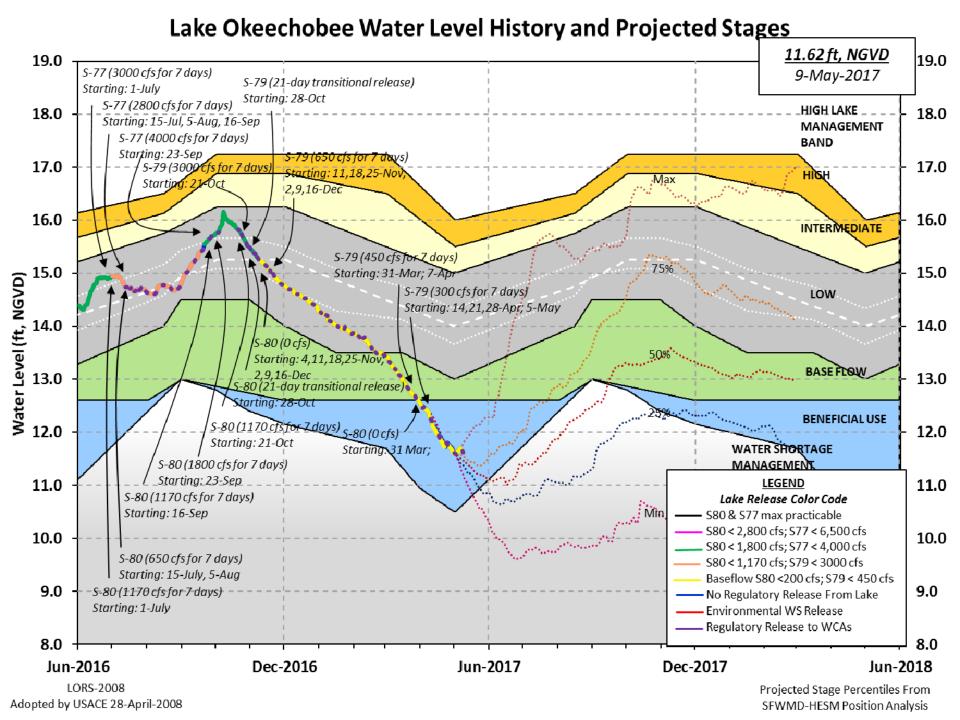
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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 07 MAY 2017

Okeechobee Lake	Regulation			ar 2YRS Ago D) (ft-NGVI	
*Okeechobee La Bottom of High Currently in O	Lake Mngmt	on 11.64 z= 16.51 Top	13.9 of Water Sh	8 13.70	(Official Elv
Simulated Aver Difference from					
07MAY (1965-20 Difference fro			rage 13. -1.8		
Today Lake Oke stations	echobee ele	evation is det	ermined fro	m the 4 Int	& 4 Edge
++Navigation D	epth (Based	d on 2007 Chan	nel Conditi	on Survey) I	Route 1 ÷
5.58' ++Navigation D	enth (Based	on 2008 Chan	nel Conditi	on Survey) I	Route 2 ÷
3.78'	среп (вавес	2 OII 2000 CIIdii.	ner condici	on barvey, i	Modec 2 .
Bridge Clearan	ce = 50.09	1			
_					
4 Interior and 4	Edge Okeed	chobee Lake Av	erage (Avg-	Daily values	s):
					s):
L001 L005	L006 LZ40) S4 S35	2 S308	S133	s):
L001 L005	L006 LZ40		2 S308	S133	s):
L001 L005 11.48 11.59	L006 LZ40) S4 S35 54 11.64 11.	2 S308 86 11.63	S133 11.55	s):
L001 L005	L006 LZ40) S4 S35 54 11.64 11.	2 S308 86 11.63 Average =	S133 11.55	s):
L001 L005 11.48 11.59	L006 LZ40) S4 S35 54 11.64 11.	2 S308 86 11.63 Average =	S133 11.55	s):
L001 L005 11.48 11.59	L006 LZ40) S4 S35 54 11.64 11.	2 S308 86 11.63 Average =	S133 11.55	s):
L001 L005 11.48 11.59 *Combination Ok	L006 LZ40) S4 S35 54 11.64 11.	2 S308 86 11.63 Average =	S133 11.55	s):
L001 L005 11.48 11.59 *Combination Ok - Dkeechobee Inflo	L006 LZ40 11.72 11.6 eechobee A	0 S4 S35 54 11.64 11. Avg-Daily Lake	2 S308 86 11.63 Average =	S133 11.55 11.64 (*See Note)	
L001 L005 11.48 11.59 *Combination Ok - Dkeechobee Inflo S65E	L006 LZ40 11.72 11.6 eechobee A ws (cfs): 0	S4 S35 54 11.64 11. Avg-Daily Lake	2 S308 86 11.63 Average =	S133 11.55 11.64 (*See Note)	Cr 0
L001 L005 11.48 11.59 *Combination Ok Combination Ok Combination Ok Combination Ok	L006 LZ40 11.72 11.6 eechobee A ws (cfs): 0 0	S4 S35 54 11.64 11. Avg-Daily Lake S65EX1 S191	2 S308 86 11.63 Average =	S133 11.55 11.64 (*See Note) Fisheating S135 Pumps	Cr 0 0
L001 L005 11.48 11.59 *Combination Ok - Dkeechobee Inflo S65E	L006 LZ40 11.72 11.6 eechobee A ws (cfs): 0	S4 S35 54 11.64 11. Avg-Daily Lake	2 S308 86 11.63 Average =	S133 11.55 11.64 (*See Note)	Cr 0 0
L001 L005 11.48 11.59 *Combination Ok Combination Ok Combination Ok Combination Ok Combination Ok Combination Ok	L006 LZ40 11.72 11.6 eechobee A ws (cfs): 0 0 0	S4 S35 54 11.64 11. Avg-Daily Lake S65EX1 S191 S133 Pumps	2 S308 86 11.63 Average =	S133 11.55 11.64 (*See Note) Fisheating S135 Pumps S2 Pumps	Cr 0 0 0 0
L001 L005 11.48 11.59 *Combination Ok Cheechobee Inflo S65E S154 S84 S84X	L006 LZ40 11.72 11.6 eechobee A ws (cfs): 0 0 0	S65EX1 S133 Pumps S127 Pumps	2 S308 86 11.63 Average =	S133 11.55 11.64 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps	Cr 0 0 0 0 0 0
L001 L005 11.48 11.59 *Combination Ok Cheechobee Inflo S65E S154 S84 S84X S71 S72	L006 LZ40 11.72 11.6 eechobee F ws (cfs): 0 0 0 0	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 86 11.63 Average = 203 0 0 0 0	S133 11.55 11.64 (*See Note) Fisheating S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	Cr 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
L001 L005 11.48 11.59 *Combination Ok Combination Ok Combin	L006 LZ40 11.72 11.6 eechobee A ws (cfs): 0 0 0 0 203	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 86 11.63 Average = 203 0 0 0 0	S133 11.55 11.64 (*See Note) Fisheating S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	Cr 0 0 0 0 0 0 0 0 0
L001 L005 11.48 11.59 *Combination Ok Combination Ok Combin	L006 LZ40 11.72 11.6 eechobee A ws (cfs): 0 0 0 0 203	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 86 11.63 Average = 203 0 0 0 0	S133 11.55 11.64 (*See Note) Fisheating S135 Pumps S2 Pumps S2 Pumps S3 Pumps S4 Pumps	Cr 0 0 0 0 0 0 0 0 0
L001 L005 11.48 11.59 *Combination Ok Combination Ok Combin	L006 LZ40 11.72 11.6 eechobee A ws (cfs): 0 0 0 0 203 ows (cfs):	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 86 11.63 Average =	S133 11.55 11.64 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	Cr 0 0 0 0 0 0 0 0 0 0 0
L001 L005 11.48 11.59 *Combination Ok Combination Ok Combin	L006 LZ40 11.72 11.6 eechobee A ws (cfs):	S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 86 11.63 Average = 203 0 0 0 0 0	S133 11.55 11.64 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	Cr 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
*Combination Ok *Combination Ok - Okeechobee Inflows: S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outfl S135 Culverts S127 Culverts	L006 LZ40 11.72 11.6 eechobee A ws (cfs): 0 0 0 0 203 ows (cfs): 0 0	S65EX1 S191 S127 Pumps S129 Pumps S131 Pumps S354 S354	2 S308 86 11.63 Average = 203 0 0 0 0 0	S133 11.55 11.64 (*See Note) Fisheating S135 Pumps S2 Pumps S3 Pumps S4 Pumps C5	Cr 0 0 0 0 0 0 0 0 0 0 0 0 0 0 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): 0.20 S308 S77 0.34 Average Pan Evap x 0.75 Pan Coefficient = 0.20" = 0.02' Lake Average Precipitation using NEXRAD: = 0.00" = 0.00' Evaporation - Precipitation: = 0.20" = 0.02' Evaporation - Precipitation using Lake Area of 730 square miles is equal to 3975 cfs out of the lake. Lake Okeechobee (Change in Storage) Flow is -7058 cfs or -14000 AC-FT Note: Headwater, tailwater, and stage values below are instantaneous values unless otherwise specified. Headwater Tailwater ----- Gate Positions -----Elevation Elevation Disch #1 #2 #3 #4 #5 #6 #7 #8 (ft-msl) (ft-msl) (cfs) (ft) (ft) (ft) (ft) (ft) (ft) (ft) (I) see note at bottom North East Shore 0 0 0 0 0 (cfs) 11.83 S133 Pumps: 11.88 S193: 0 0.0 0.0 0.0 S191: 17.25 11.78 S135 Pumps: 11.24 0 0 11.64 0 0 0 (cfs) 0.0 0.0 S135 Culverts: 0 North West Shore 0 0.0 0.0 0.0 0.0 0.0 0.0 20.91 S65E: 11.51 S65EX1: 20.91 11.51 203 S127 Pumps: 11.91 11.77 0 0 0 0 0 0 (cfs) 0.0 S127 Culvert: 0

S129 Pumps: ____

S131 Pumps: 12.33

11.66

S129 Culvert:

S131 Culvert:

Fisheating Creek

nr Palmdale
nr Lakeport
C5: 1

South Shore

-NR-

11.70

27.39

11.59

S4 Pumps: 11.75 11.47 0 0 0 0

0

0

0

0

0

0

0

-NR-

0

0

0.0 3.0 0.0

0

(cfs)

(cfs)

(cfs)

```
$169: 11.52 11.61 -118 5.0 5.0 5.0 $310: -190
         9.54 11.48
11.48 9.54
9.63 11.59
                       0 0 0 0
 S3 Pumps:
                                                  (cfs)
                           0.0 0.0
 S354:
                                   0 0 0
                           0
 S2 Pumps:
                 11.59
                               0
                                                  (cfs)
                  9.63
 S351: 11.59
                           0 0.0 0.0 0.0
          11.87
 S352:
                  9.40
                           0 0.0 0.0
 C10A:
                              0.0 8.0 8.0 8.0 8.0
          -NR-
                  11.87
                  11.66 -88
 L8 Canal PT
              S351 and S352 Temporary Pumps/S354 Spillway
           9.63
                  11.59
                          0 -NR--NR--NR--NR--NR-
                 11.87 0 -NR--NR--NR-
11.48 0 -NR--NR--NR-
 S352:
           9.40
 S354:
           9.54
Caloosahatchee River (S77, S78, S79)
 S47B: 14.22 10.93
                              0.0 0.0
 S47D:
                  11.01 69 6.2
          11.02
 S77:
  Spillway and Sector Flow:
           Flow Due to Lockages+: 1
 S77 Below USGS Flow Gage
                         489
 S78:
   Spillway and Sector Flow:
           10.91 2.84
                          255 0.0 0.0 0.0 0.0
  Flow Due to Lockages+:
                          12
 S79:
   Spillway and Sector Flow:
          NR-
   Flow Due to Lockages+:
                         -NR-
   Percent of flow from S77
                         -NR-%
   Chloride
               (mqq)
                         -N
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Flow:
           11.71 13.41 0.00 0.0 0.0 0.0 0.0
  Flow Due to Lockages+:
                         -8
 S308 Below USGS Flow Gage
                          19
      18.60 13.18
                           0 0.0 0.0
 S153:
 S80:
  Spillway and Sector Flow:
                           0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
           13.48 0.75
                        υ
30
   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	0.64	1.69	257	0
S78:	0.00	0.05	0.43	294	4
S79:	-NR-	0.00	0.23	-NR-	-NR-
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:	0.00	0.39	0.96	208	15
S80:	0.00	0.01	0.01	205	1
Okeechobee Average	0.00	0.08	0.20		
(Sites S78, S79 and	S80 not inc	cluded)			
Oke Nexrad Basin Avg	0.00	0.42	2.38		

eechobee Lake Elevations	s 07 MAY 2017	11.64 Diffe	rence from
7MAY17			
07MAY17 -1 Day =	06 MAY 2017	11.68	0.04
07MAY17 - 2 Days =	05 MAY 2017	11.70	0.06
07MAY17 - 3 Days =	04 MAY 2017	11.64	0.00
07MAY17 - 4 Days =	03 MAY 2017	11.64	0.00
07MAY17 -5 Days =	02 MAY 2017	11.61	-0.03
07MAY17 - 6 Days =	01 MAY 2017	11.60	-0.04
07MAY17 - 7 Days =	30 APR 2017	11.61	-0.03
07MAY17 - 30 Days =	07 APR 2017	12.32	0.68
07MAY17 -1 Year =	07 MAY 2016	13.98	2.34
07MAY17 - 2 Year =	07 MAY 2015	13.70	2.06

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

_							_			
									ow (LONIN)	_
								previous	14 days	Avg-Daily Flow
	07MAY17		Today				2017	-432	MON	-6486
	07MAY17		Day				2017	799	SUN	-3265
	07MAY17		Days				2017	613	SAT	10805
	07MAY17	-3	Days	=			2017	-413	FRI	322
	07MAY17	-4	Days	=			2017	-694	THU	5430
	07MAY17	-5	Days	=	02	MAY	2017	-1306	WED	3216
	07MAY17	-6	Days	=			2017	-1614	TUE	871
	07MAY17	-7	Days	=			2017	-1763	MON	-5812
	07MAY17	-8	Days	=	29	APR	2017	-1611	SUN	-3825
	07MAY17	-9	Days	=	28	APR	2017	-1655	SAT	-1036
	07MAY17	-10	Days	=	27	APR	2017	-1945	FRI	-3974
	07MAY17	-11	Days	=	26	APR	2017	-1711	THU	-2558
	07MAY17	-12	Days	=	25	APR	2017	-1822	WED	-5711
	07MAY17	-13	Days	=	24	APR	2017	-1520	TUE	5980
_										
_						G.	C F EI			
				7			65E	22224	14 dorra	l Arra Dailre Elare
	07MAY17		modo:				2017	previous	MON	Avg-Daily Flow
	07MAY17 07MAY17	1	Today	_			2017	0	_	0
			Day				2017	0	SUN SAT	0
	07MAY17		Days				2017	0	FRI	0 0
	07MAY17		Days					_		0
	07MAY17		Days				2017	0	THU	!
	07MAY17		Days				2017	0	WED	0
	07MAY17		Days				2017	0	TUE	0
	07MAY17		Days				2017	0	MON	0
	07MAY17		Days				2017	0	SUN	0
	07MAY17		Days				2017	0	SAT	0
	07MAY17		-				2017	0	FRI	0
	07MAY17		_				2017	0	THU	0
	07MAY17		_				2017	0	WED	0
	07MAY17	-13	Days	=	24	APR	2017	8	TUE	0
_										
-						S	65EX1			
				Ave	rage	Flo	w over	previous	14 days	Avg-Daily Flow
	07MAY17		Today		_		2017	243	MON	203
	07MAY17	-1	Day		06	MAY	2017	248	SUN	222
	07MAY17	-2	Days	=	05	MAY	2017	250	SAT	265
	07MAY17		Days				2017	248	FRI	271
	07MAY17		Days		03	MAY	2017	248	THU	306
	07MAY17		Days				2017	245	WED	328
	07MAY17		Days		01	MAY	2017	241	TUE	224
	07MAY17		Days		30	APR	2017	246	MON	214
	07MAY17		Days		29	APR	2017	247	SUN	214
	07MAY17	-9	Days	=	28	APR	2017	253	SAT	214
	07MAY17	-10	Days	=	27	APR	2017	261	FRI	216
	07MAY17	-11	Days	=	26	APR	2017	265	THU	217
	07MAY17	-12	Days	=	25	APR	2017	269	WED	233

_ Lake Okeechobee Outlets Last 14 Days

			1		
	S-77	Below S-77	S-78	S-79	
	Discharge	Discharge	Discharge	Discharge	
	(ALL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)	
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
07 MAY 2017		970	504	-NR-	
06 MAY 2017		352	1328	-NR-	
05 MAY 2017		234	368	-NK- 7	
04 MAY 2017		520	373	564	
03 MAY 2017			390	2557	
		-179			
02 MAY 2017		920	369	415	
01 MAY 2017		1040	559	644	
30 APR 2017		2214	1338	1335	
29 APR 2017		2665	1676	1448	
28 APR 2017		1263	515	276	
27 APR 2017		603	35	13	
26 APR 2017		98	42	108	
25 APR 2017		536	137	1188	
24 APR 2017	624	844	663	1852	
	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)
07 MAY 2017		0	0	0	-174
06 MAY 2017		0	0	0	-347
05 MAY 2017		0	0	0	-355
04 MAY 2017		0	0	0	-330
03 MAY 2017		0	0	0	-289
02 MAY 2017		581	32	775	4
01 MAY 2017		1715	145	1333	-118
30 APR 2017		1999	178	845	-243
29 APR 2017		1927	18	1350	-218
		1529	0		
28 APR 2017 27 APR 2017				1868	-203
		242	0	1801	-171
26 APR 2017		50	0	1624	-34
25 APR 2017		99	436	1479	69
24 APR 2017	20	0	0	494	-260
	S-308	Below S-30	8 S-80		
	Discharge	Discharge	Discharge	2	
	(ALL DAY)	(ALL-DAY)	(ALL-DAY))	
DATE	(AC-FT)	(AC-FT)	(AC-FT)		
07 MAY 2017	-15	37	60		
06 MAY 2017	-8	-250	63		
05 MAY 2017		-309	35		
04 MAY 2017		-388	45		
03 MAY 2017		-444	59		
02 MAY 2017		342	42		
01 MAY 2017		583	48		
30 APR 2017		735	37		
29 APR 2017		660	53		
28 APR 2017		583	50		
20 1111 2017	721	303	30		

27	APR	2017	622	338	37
26	APR	2017	1	269	39
25	APR	2017	542	-197	47
24	APR	2017	2058	-162	41

*** 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

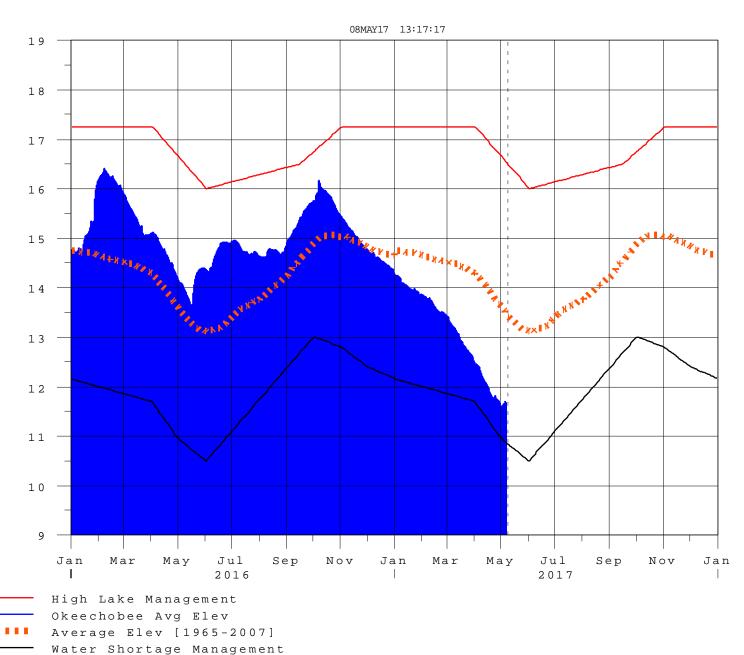
- * On 11 May 1999, Lake Okeechobee Elevation was switched from Instantaneous 2400 value to an average-daily lake average. On 14 Mar 2001, due to the isolation of various gages within the standard
 - 10 stations, the average of the interior 4 station gages was used as the Lake Okeechobee Elevation.
 - 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 08MAY2017 @ 13:06 ** Preliminary Data - Subject to Revision **





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Classification Tables

Supplemental Tables used in conjunction with the LORS2008

Release

Guidance Flow Charts

• Class Limits for Tributary Hydrologic Conditions

Table K-2 in the Lake Okeechobee Water Control Plan

• 6-15 Day Precipitation Outlook Categories

Table ?? in the Lake Okeechobee Water Control Plan

• Classification of Lake Okeechobee Net Inflow for Seasonal

Outlook

Table K-3 in the Lake Okeechobee Water Control Plan

Classification of Lake Okeechobee Net Inflow for Multi-

Seasonal Outlook

Table K-4 in the Lake Okeechobee Water Control Plan

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

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

^{*} use the wettest of the two indicators

Classification of Lake Okeechobee Net Inflow Seasonal Outlook*

Lake Net Inflow Prediction	Equivalent Depth**	Lake Okeechobee
[million acre-feet]	[feet]	Net Inflow
	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