Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 7/31/2017 (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 (Jul-Dec)	N/A	N/A	2.08	Very Wet	2.66	Very Wet	3.52	Very Wet
Multi Seasonal (Jul-Apr)	N/A	N/A	2.43	Normal	3.07	Wet	3.71	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:

1970 cfs 14-day running average for Lake Okeechobee Net Inflow through 7/30/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

-2.99 for Palmer Index on 7/29/2017.

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

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 7/31/2017

Lake Okeechobee Stage: 12.73 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob	Lake Okeechobee Management		Current
Zone	Band Band	(feet, NGVD)	Lake Stage
High Lake Management Band		16.28	
	High sub-band	15.85	
Operational Band	Intermediate sub-band	15.42	
	Low sub-band	13.56	
Base Flow sub-ba	Base Flow sub-band		← 12.73
Beneficial Use sub-band		11.73	
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 and 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

LORS2008 Implementation on 7/31/2017 (ENSO Neutral Condition):

Status for week ending 7/31/2017:

District wide, Raindar rainfall was 2.38 inches for the week. Lake stage on 7/31/2017 was 12.73 ft, up 0.03 ft from last week.

The updated July 15 2017 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Base Flow Operational Sub-Band.

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

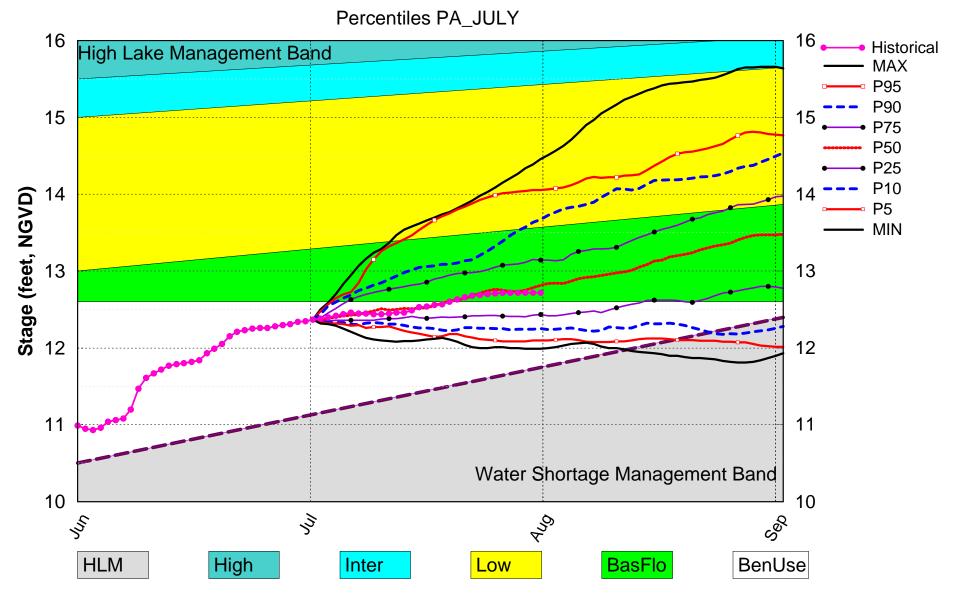
Water Supply Risk Evaluation

- TTG-	vater Supply Kisk Evaluation							
Area	Indicator	Value	Color Coded Scoring Scheme					
	Projected LOK Stage for the next two months	Base Flow Sub Band	M					
	Palmer Index for LOK Tributary Conditions	-2.99 (Extremely Dry)	н					
	CPC Precipitation Outlook	1 month: Normal	Ш					
LOK	CPC Precipitation Outlook	3 months: Normal	L					
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	2.66 ft (Normal)	L					
	LOK Multi-Seasonal Net Inflow Outlook	3.07 ft (Wet)	M					
	ENSO La Nina Years							
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.55 ft)	L					
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (13.30 ft)	L					
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (11.33 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.

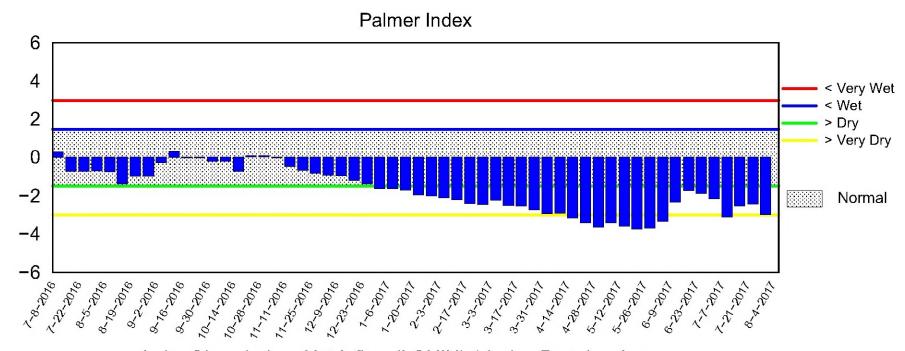
Back to Lake Okeechobee Operations Main Page
Back to U.S. Army Corps of Engineers LORSS Homepage

Lake Okeechobee SFWMM July 2017 Dynamic Position Analysis

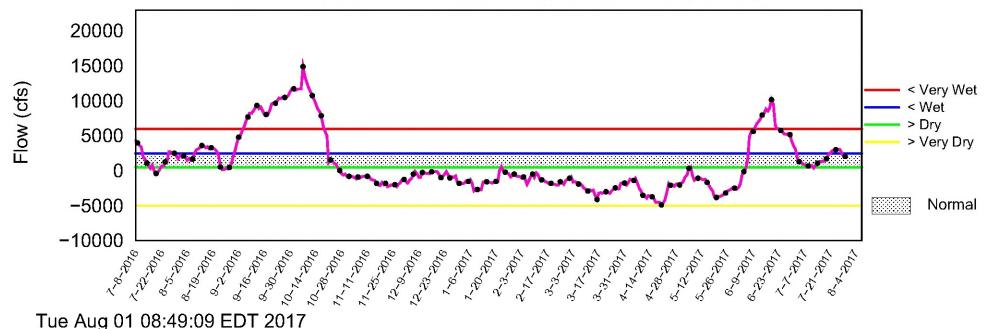


(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of July 31 2017

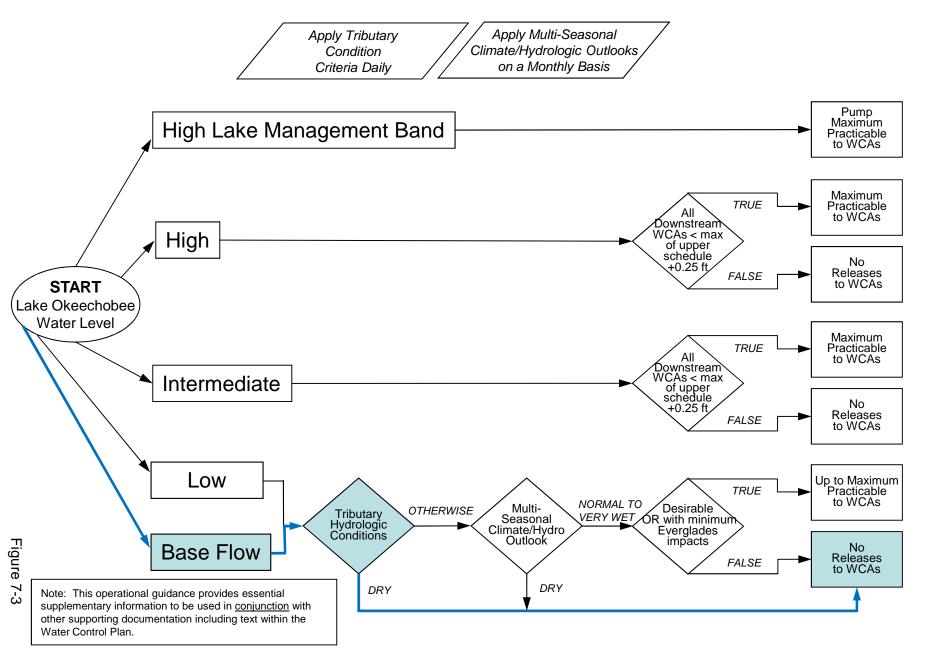






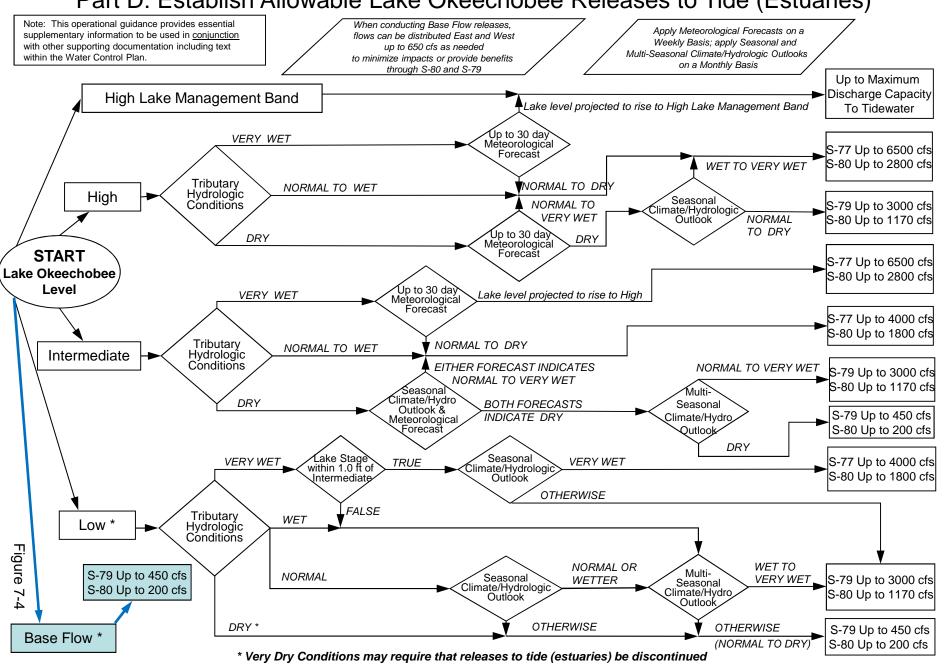
2008 LORS

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

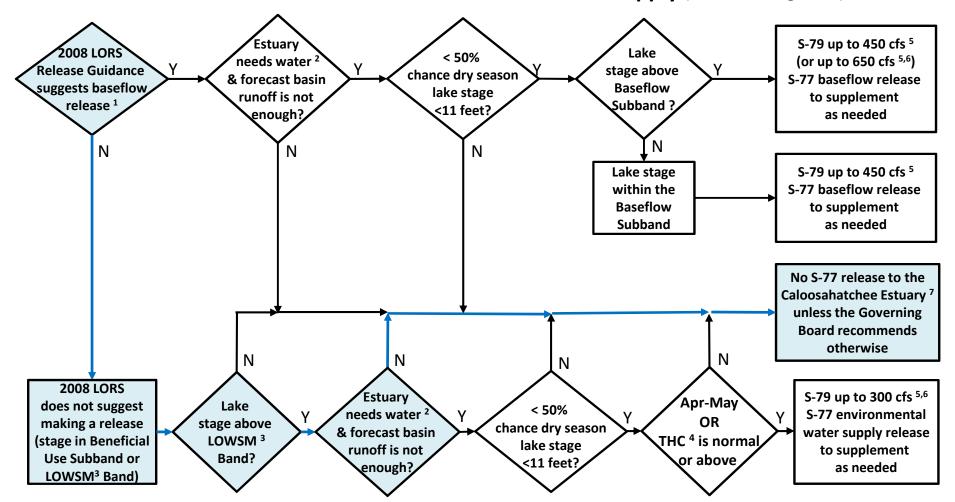


2008 LORS

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



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.

Lake Okeechobee Water Level History and Projected Stages 19.0 12.81 ft, NGVD 19.0 S-77 (3000 cfs for 7 days) S-79 (21-day transitional release) 1-August-2017 Starting: 1-July Starting: 28-Oct S-77 (2800 cfs for 7 days) HIGH LAKE 18.0 18.0 Starting: 15-Jul, 5-Aug, 16-Sep MANAGEMENT S-77 (4000 cfs for 7 days) BAND Starting: 23-Sep S-79 (650 cfs for 7 days 17.0 17.0 -S=79 (3000 cfs for 7 days Starting: 11,18,25-Nov; Starting: 21-Oct 2,9,16-Dec 16.0 16.0 HIGH INTERMEDIATE S-79 (450 cfs for 7 days) 15.0 15.0 Water Level (ft, NGVD) Starting: 31-Mar; 7-Apr S-79 (300 cfs for 7 days) Starting: 14,21,28-Apr; 5,12-May 14.0 14.0 S-79 (375 cfs for 7 days) Starting: 19, 26-May; S-80 (0 cfs) 2-140 S-77 (Ocfs) Starting: 4,11,18,25-Nov; 13.0 Starting: 9, 16, 13.0 9,16-Dec **BASE FLOW** 23, 30-Jun; S-80 (21-day transitional release) 7, 14, 21 Starting: 28-Oct **BENEFICIAL USE** 28-Jul S-80 (1170 cfs for 7 days) 12.0 12.0 S-80 (0 cfs) Starting: 21-Oct WATER SHORTAGE Starting: 31 Max: MANAGEMENT S-80 (1800 cfs for 7 days) 19, 26-May; 2-Jun 11.0 Starting: 23-Sep LEGEND 11.0 Min Lake Release Color Code S-80 (1170 cfs for 7 days) S80 & S77 max practicable Starting: 16-Sep S-80 (0 cfs) S80 < 2,800 cfs; S77 < 6,500 cfs 10.0 10.0 Starting: 9, 16, S80 < 1,800 cfs; S77 < 4,000 cfs S-80 (650 cfs for 7 days) 23, 30-Jun; S80 < 1,170 cfs; S79 < 3000 cfs Starting: 15-July, 5-Aug 7, 14, 21, 28-Jul Baseflow S80 < 200 cfs; S79 < 450 cfs 9.0 - S-80 (1170 cfs for 7 days) 9.0 No Regulatory Release From Lake Starting: 1-July Environmental WS Release Regulatory Release to WCAs 8.0 8.0 Jul-2016 Jan-2017 Jul-2017 Jan-2018 Jul-2018 LORS-2008 Projected Stage Percentiles From Adopted by USACE 28-April-2008 SFWMD-HESM Position Analysis

Data Ending 2400 hours 31 JUL 2017

Okeechobee Lake		(ft-NGVI		ar 2YRS Ago D) (ft-NGVD)	
*Okeechobee La Bottom of High Currently in C	n Lake Mngmt	= 16.28 Top	of Water Sh		fficial Elv) .74
Simulated Aver Difference fro			12.68 0.13		
31JUL (1965-20 Difference fro			erage 13. -0.9		
Today Lake Oke stations	echobee ele	vation is det	cermined fro	m the 4 Int &	4 Edge
++Navigation D	epth (Based	on 2007 Char	nnel Conditi	on Survey) Rou	ıte 1 ÷
6.75' ++Navigation D	epth (Based	on 2008 Char	nnel Conditi	on Survey) Rou	ıte 2 ÷
4.95' Bridge Clearan	nce = 50.02'				
4 T+		babaa Talaa Ma		Dadlerlean)	
4 Interior and 4	Eage Okeec	nobee Lake A	verage (Avg-	Daily Values).	•
L001 L005 12.96 12.76	L006 LZ40 12.65 12.7			S133 13.09	
*Combination Ok	eechobee A	vg-Daily Lake	e Average =	12.81	
		J 1	J	(*See Note)	
Okeechobee Inflo	ows (cfs):				
S65E		S65EX1	1342	Fisheating Cr	190
S154	45	S191	161	S135 Pumps	0
S84		S133 Pumps	0	S2 Pumps	0
S84X		S127 Pumps	0	S3 Pumps	0
S71		S129 Pumps	54	S4 Pumps	0
S72		S131 Pumps	41	C5	0
Total Inflows:	3087				
Okeechobee Outfl					
S135 Culverts	0	S354	0	S77	
~100 ~ 7 .					1
S127 Culverts		S351	0	S308	1 -NR-
S129 Culverts	-NR-	S352	0	S308	
	-NR- -NR-	S352 L8 Canal Pt	0 -83	S308 08 Discharge I	-NR-

Note: Headwater, tailwater, and stage values below are instantaneous values unless otherwise specified.

	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	oto ot	ho++	- om				
North East S	hore	(1) see II	ole at	DOCI	JOIII				
S133 Pumps S193:		14.08	0	0	0	0	0	0	(cfs))
S191:	18.73	14.16	161	0.7	0.1	0.6				
S135 Pumps		13.95	0	0	0	0	0		(cfs)
S135 Culve	rts:		0	0.0	0.0					
North West S	hore									
S65E:	21.10	13.61	0	0.0	0.0	0.0	0.0	0.0	0.0	
S65EX1:	21.10	13.61	1342							
S127 Pumps	: 13.56	13.39	0	0	0	0	0	0	(cfs)
S127 Culve	rt:		0	0.0						
S129 Pumps	: 13.18	13.49	54	44	12	0			(cfs)
S129 Culve	rt:		-NR-	0.0						
S131 Pumps	: 12.97	12.82	41	10	28				(cfs)
S131 Culve	rt:		-NR-							
Fisheating	Creek									
nr Palmd		31.44	190							
nr Lakep	ort									
C5:		-NR-	0	-NR	– –NI	RNF	5-			
South Shore										
	12.82	12.30	0	0	0	0			(cfs)

```
S169: 12.28 12.54 -67 5.0 5.0 5.0
S310: 12.06 -195
                         0 0 0 0
 S3 Pumps: 10.15 12.11
S354: 12.11 10.15
S2 Pumps: 9.78 12.38
                                                      (cfs)
                             0
                                 0.0 0.0
                                 0 0 0 0
                  12.38
                            0
                                                     (cfs)
                   9.78
                            0 0.0 0.0 0.0
           12.38
 S351:
          13.08
 S352:
                    9.13
                            0.0 0.0
 C10A:
                                 8.0 8.0 8.0 0.0 0.0
           -NR-
                   13.37
 L8 Canal PT
                    13.20 -83
              S351 and S352 Temporary Pumps/S354 Spillway
                          0 -NR--NR--NR--NR--NR-
0 -NR--NR--NR-
0 -NR--NR--NR-
            9.78
                   12.38
 S352:
            9.13
                   13.08
 S354:
            10.15
                   12.11
Caloosahatchee River (S77, S78, S79)
 S47B: 13.76 11.15
                                 1.0 1.0
 S47D:
           10.75
                   10.72
                           49 6.5
 S77:
   Spillway and Sector Flow:
            12.57 10.81 0.00 0.0 0.0 0.0 0.0
  Flow Due to Lockages+:
                           1
 S77 Below USGS Flow Gage
                           -13
 S78:
   Spillway and Sector Flow:
            10.52 3.24 974 1.0 0.0 2.5 1.5
  Flow Due to Lockages+:
                            3
 S79:
   Spillway and Sector Flow:
    2.65 1.98 3531 2.0 2.0 2.0 1.0 2.0 2.0 2.0
2.0
   Flow Due to Lockages+:
   Percent of flow from S77
                             0 응
             (ppm) 56
   Chloride
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Flow:
            Flow Due to Lockages+: -NR-
 S308 Below USGS Flow Gage
                          -NR-
       18.44 13.15
 S153:
                           104 1.7 1.8
 S80:
   Spillway and Sector Flow:
   13.36 0.40 0 Flow Due to Lockages+: 5
                                0.0 0.0 0.0 0.0 0.0 0.0 0.0
   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 Speed	1-Day	3-Day	7-Day	Directio	n
-	(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:	1.54	2.20	2.21	240	3
S78:	1.37	1.77	2.39	226	8
S79:	0.92	1.76	1.80	246	1
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:	0.48	0.48	0.48	257	15
S80:	0.00	0.00	0.00	0	0
Okeechobee Average	1.01	0.21	0.21		
(Sites S78, S79 and	S80 not in	ncluded)			
Oke Nexrad Basin Avg	-NR-	0.00	0.00		

Okeechobee Lake Elevations	31 JUL 2017	12.81 Difference	from
31JUL17			
31JUL17 -1 Day =	30 JUL 2017	12.73	-0.08
31JUL $17 - 2$ Days =	29 JUL 2017	12.72	-0.09
31JUL17 - 3 Days =	28 JUL 2017	12.72	-0.09
31JUL $17 - 4$ Days =	27 JUL 2017	12.72	-0.09
31JUL17 -5 Days =	26 JUL 2017	12.72	-0.09
31JUL17 - 6 Days =	25 JUL 2017	12.72	-0.09
31JUL $17 - 7$ Days =	24 JUL 2017	12.71	-0.10
31JUL17 - 30 Days =	01 JUL 2017	12.38	-0.43
31JUL17 -1 Year =	31 JUL 2016	14.63	1.82
31JUL17 - 2 Year =	31 JUL 2015	12.18	-0.63

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 4.50

	Lake Okeechobee	Net Inflow (LONIN)	
Ave	rage Flow over the	previous 14 days	Avg-Daily Flow
31JUL17 Today =	31 JUL 2017	4766 TUE	15680
31JUL $17 - 1$ Day =	30 JUL 2017	3242 MON	1990
31JUL $17 - 2$ Days =	29 JUL 2017	3474 SUN	-NR-
31JUL17 - 3 Days =	28 JUL 2017	3384 SAT	-NR-
31JUL $17 - 4$ Days =	27 JUL 2017	3792 FRI	-NR-
31JUL $17 - 5$ Days =	26 JUL 2017	3967 THU	0
31JUL17 -6 Days =	25 JUL 2017	3967 WED	-NR-
31JUL17 -7 Days =	24 JUL 2017	3813 TUE	-NR-
31JUL17 -8 Days =	23 JUL 2017	3681 MON	2080
31JUL17 -9 Days =	22 JUL 2017	3533 SUN	1916
31JUL17 -10 Days =	21 JUL 2017	3257 SAT	3832
31JUL17 -11 Days =	20 JUL 2017	2994 FRI	5748
31JUL17 -12 Days =	19 JUL 2017	2451 THU	5748
31JUL17 -13 Days =	18 JUL 2017	2321 WED	5899
	S65E		
	Average Flow over	previous 14 days	Avg-Daily Flow
31JUL17 Today=	31 JUL 2017	0 TUE	0
31JUL $17 - 1$ Day =	30 JUL 2017	0 MON	0
31JUL $17 - 2$ Days =	29 JUL 2017	0 SUN	0
31JUL $17 - 3$ Days =	28 JUL 2017	0 SAT	0
31JUL17 - 4 Days =	27 JUL 2017	0 FRI	0
31JUL17 -5 Days =	26 JUL 2017	0 THU	0
31JUL17 -6 Days =	25 JUL 2017	0 WED	0
31JUL17 -7 Days =	24 JUL 2017	0 TUE	0
31JUL17 -8 Days =	23 JUL 2017	0 MON	0
31JUL17 -9 Days =	22 JUL 2017	0 SUN	0
31JUL17 -10 Days =	21 JUL 2017	0 SAT	0
31JUL17 -11 Days =	20 JUL 2017	0 FRI	0
31JUL17 -12 Days =	19 JUL 2017	0 THU	0
31JUL17 -13 Days =	18 JUL 2017	0 WED	0
	S65EX1		
	Average Flow over	previous 14 days	Avg-Daily Flow
31JUL17 Today=	31 JUL 2017	1316 TUE	1342
31JUL17 -1 Day =	30 JUL 2017	1298 MON	1252
31JUL $17 - 2$ Days =	29 JUL 2017	1284 SUN	1250
31JUL17 - 3 Days =	28 JUL 2017	1270 SAT	1254
31JUL $17 - 4$ Days =	27 JUL 2017	1251 FRI	1264
31JUL17 -5 Days =	26 JUL 2017	1217 THU	1341
31JUL17 -6 Days =	25 JUL 2017	1171 WED	-NR-
31JUL17 -7 Days =	24 JUL 2017	1133 TUE	-NR-
31JUL17 -8 Days =	23 JUL 2017	1099 MON	1415
31JUL17 -9 Days =	22 JUL 2017	1044 SUN	1424
31JUL17 -10 Days =	21 JUL 2017	994 SAT	1391
31JUL17 -11 Days =	20 JUL 2017	950 FRI	1416
31JUL17 -12 Days =	19 JUL 2017	904 THU	1248

_ Lake Okeechobee Outlets Last 14 Days

	S-77	Below S-77	S-78	S-79	
	Discharge	Discharge		Discharge	
	(ALL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)	
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
31 JUL 2017	2	-26	1952	6679	
30 JUL 2017	37	-90	549	1526	
29 JUL 2017	244	300	319	1276	
28 JUL 2017	434	696	398	1572	
27 JUL 2017		-133	621	2251	
26 JUL 2017		-174	649	2980	
25 JUL 2017		-166	965	3891	
24 JUL 2017		-70	1714	4621	
23 JUL 2017		-131	1644	4613	
22 JUL 2017		-122	1559	4797	
21 JUL 2017		-86	1336	3857	
20 JUL 2017		-42			
			1328	3558	
19 JUL 2017		-39	1340	2991	
18 JUL 2017	4	-98	1316	3653	
	S-310	S-351	S-352	S-354	L8 Canal Pt
	Discharge			Discharge	Discharge
	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
31 JUL 2017		0	0	0	-164
30 JUL 2017		0	0	0	9
29 JUL 2017		0	0	0	152
28 JUL 2017		0	0	0	-14
27 JUL 2017		0	0	0	-241
26 JUL 2017		0	0	0	-346
		0	0	0	-392
25 JUL 2017					
24 JUL 2017		0	0	0	-415
23 JUL 2017		0	292	0	-417
22 JUL 2017		0	0	0	-353
21 JUL 2017		0	0	0	-392
20 JUL 2017		0	0	0	-258
19 JUL 2017		0	0	0	-493
18 JUL 2017	-449	0	0	0	-590
	S-308	Below S-308	S-80		
	Discharge	Discharge	Discharge	2	
	(ALL DAY)	(ALL-DAY)			
DATE	(AC-FT)	(AC-FT)	(AC-FT)		
31 JUL 2017		-NR-	11		
30 JUL 2017		-NR-	1		
29 JUL 2017		-NR-	46		
28 JUL 2017		-NR-	39		
27 JUL 2017		-NR-	25		
26 JUL 2017		-335 274	50		
25 JUL 2017		-374 450	28		
24 JUL 2017		-458	31		
23 JUL 2017		-444	28		
22 JUL 2017	-1229	-651	39		

21	JUL	2017	-800	-557	25
20	JUL	2017	-639	-506	32
19	JUL	2017	-814	-525	28
18	JUL	2017	-660	-482	-NR-

*** NOTE:

Discharge (ALL DAY) is computed using Spillway, Sector Gate

and

Lockages Discharges from 0015 hrs to 2400 hrs.

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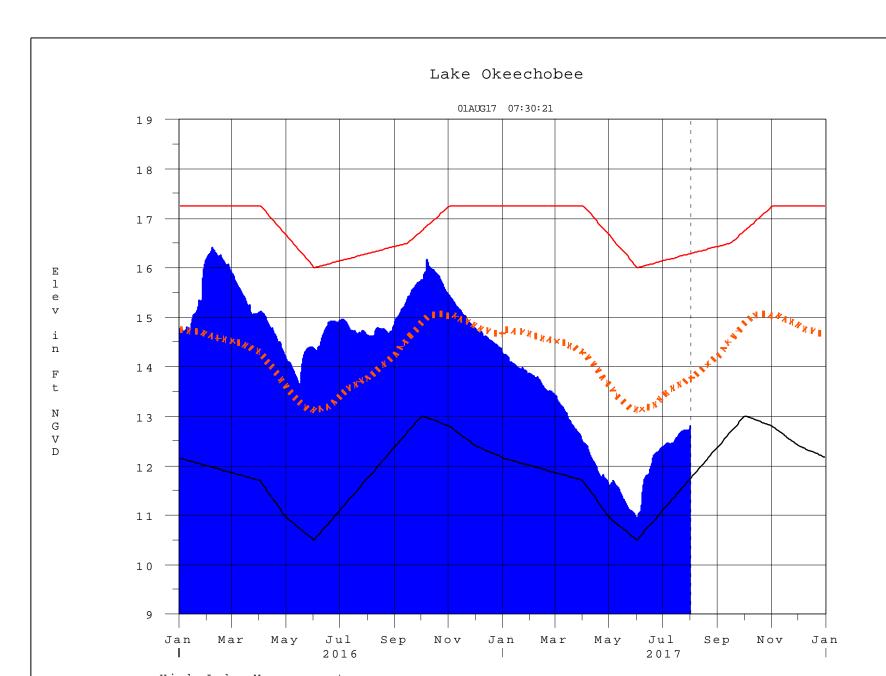
(I) - Flows preceded by "I" signify an instantaneous flow computed from the single value reported for the day

- * 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 $$\rm S135$$ 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 01AUG2017 @ 07:38 ** Preliminary Data - Subject to Revision **



High Lake Management Okeechobee Avg Elev Average Elev [1965-2007] Water Shortage Management

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

^{*} 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