Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 11/27/2017 (ENSO 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 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 (Nov- Apr)	N/A	N/A	1.42	Normal	1.13	Normal	0.91	Normal
Multi Seasonal (Nov- Oct)	N/A	N/A	3.76	Wet	3.79	Wet	3.37	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:

779 cfs 14-day running average for Lake Okeechobee Net Inflow through 11/27/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

1.94 for Palmer Index on 11/25/2017.

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

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 11/27/2017

Lake Okeechobee Stage: 16.26 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

	ee Management	Bottom Elevation	Current
Zone	Band	(feet, NGVD)	Lake Stage
High Lake Manage	ement Band	17.25	
	High sub-band	16.88	
Operational Band	Intermediate sub-band	16.25	← 16.26
	Low sub-band	14.50	
Base Flow sub-ba	nd	12.75	
Beneficial Use sub	o-band	12.45	
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-77 Up to 4000 cfs & S-80 Up to 1800 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
- Environmental Conditions for Systems Operations

Back to Lake Okeechobee Operations Main Page

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LORS2008 Implementation on 11/27/2017 (ENSO Neutral Condition):

Status for week ending 11/27/2017:

District wide, Raindar rainfall was 0.52 inches for the week. Lake stage on 11/27/2017 was 16.26 ft, down 0.23 ft from last week.

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

The 2008 LORS Tributary Hydrologic Condition (THC) tributary is classified as **Wet**. The PDSI indicates Wet condition and the LONIN is Normal. The THC classification is based on the wetter of the two indices.

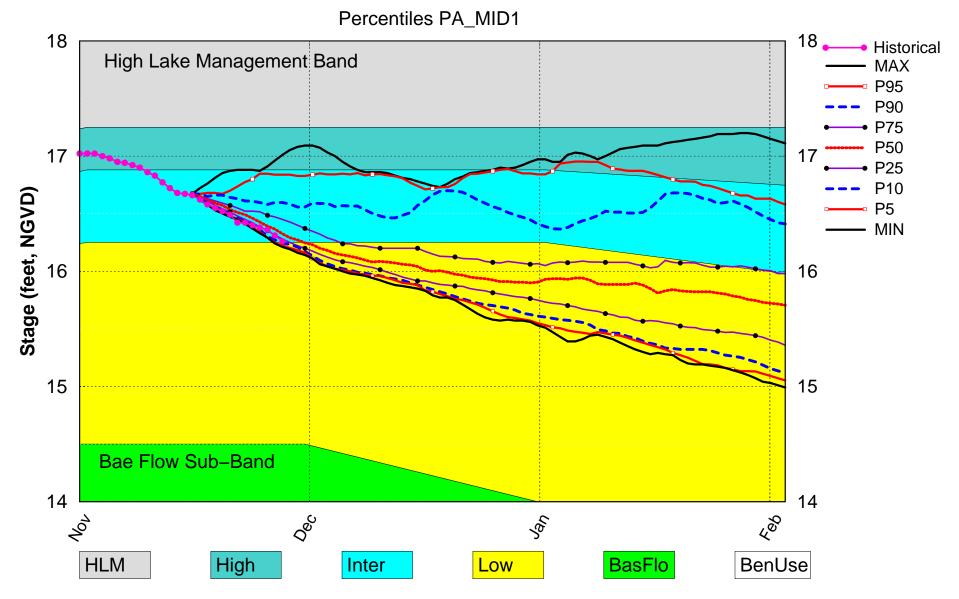
Water Supply Risk Evaluation

vvater	Supply Kisk Evaluation	-	
Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Low Sub Band	M
	Palmer Index for LOK Tributary Conditions	1.94 (Normal)	L
	CDC Procinitation Outlook	1 month: Below Normal	M
LOK	CPC Precipitation Outlook	3 months: Below Normal	M
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	1.13 ft (Normal)	L
	LOK Multi-Seasonal Net Inflow Outlook	3.79 ft (Normal)	L
	ENSO La Nina Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (17.48 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (13.50 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (11.60 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.

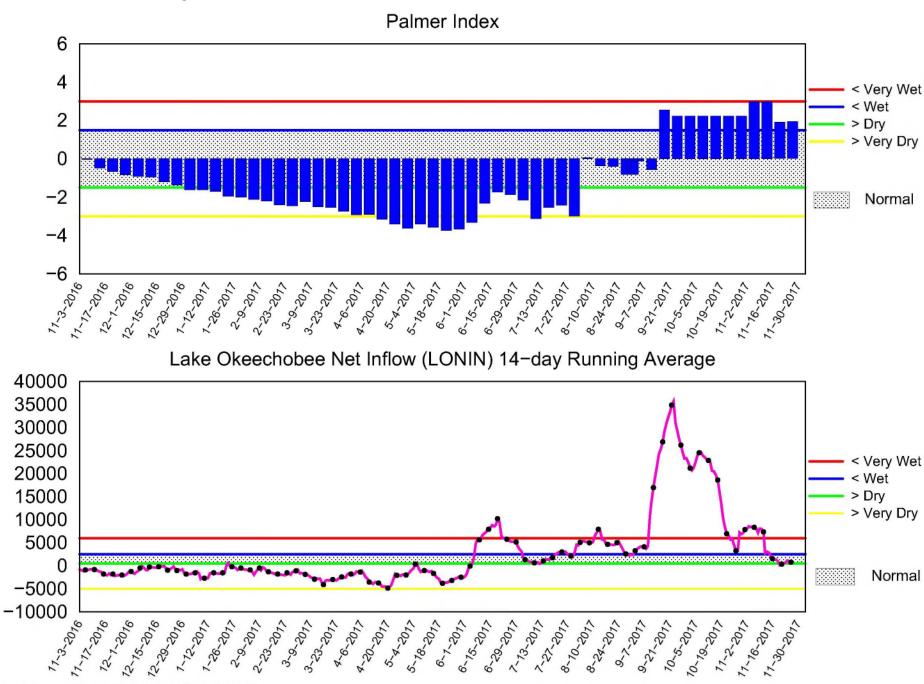
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Lake Okeechobee SFWMM November 15 2017 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of November 27 2017

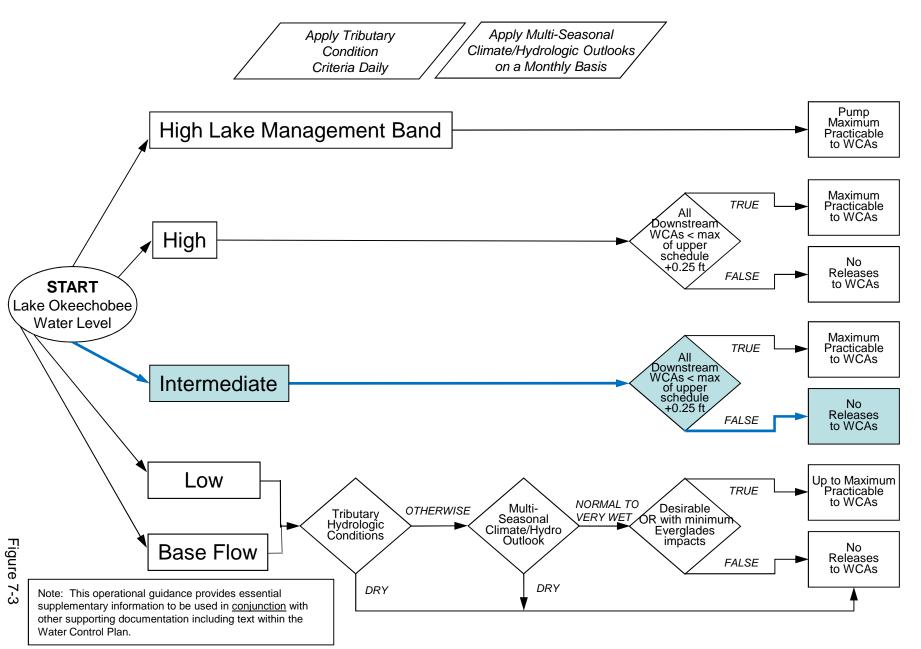


Mon Nov 27 13:34:18 EST 2017

-low (cfs)

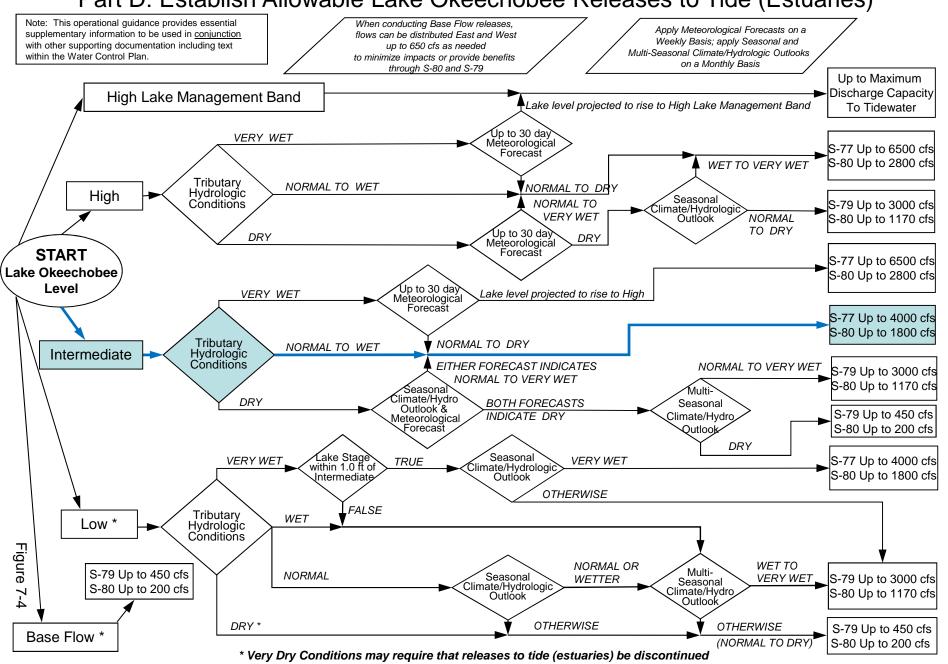
2008 LORS

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 16.21 ft, NGVD 19.0 S-77 (3000 cfs for 7 days) S-79 (21-day transitional release) 28-November-2017 S-77 (6500 cfs) Starting: 1-July Starting: 28-Oct Starting: 17-Nov 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 Max: Starting: 23-Sep S-79 (650 cfs for 7 days 17.0 5-79 (3000 cfs for 7 days 17.0 S-77 (max cfs) Starting: 11,18,25-Nov; Starting: 21-0ct Starting: 19-Sep 2,9,16-Dec S-79 (450 c) for 7 days) 16.0 Starting: 31-Mar; 7 HIGH 16.0 S-79 (300 cfs for 7 days) INTERMEDIATE Starting: 14,21,28-Apr; 5,12-May 15.0 S-79 (375 efs for 7 days) 15.0 Water Level (ft, NGVD) Starting: 19, 26-May; 2-Jun S-77 (4000 cfs) S-77 (Ocfs) Starting: 5-Sep 14.0 14.0 Starting: 9, 16, 23, 30-Jun; S-80 (0 cfs) Starting: 4,11,18,25-Nov; 13.0 13.0 28-Jul; **BASE FLOW** S-80 21-day transitional release S-80 (2800 cfs) Starting: 28-Oct 25-Aug BENEFICIAL USE S-80 (1860 cfs) Starting: 17-Nov S-80 (1170 cfs for 7 days 12.0 12.0 S-80 (0 cfs) Starting: 5-Sep Starting: 21-Oct WATER SHORTAGE Starting: 31 Max: S-308 (max cfs) MANAGEMENT S-80 (1800 cfs for 7 days) 19, 26-May; 2-Jul Starting: 15-Sep 11.0 Starting: 23-Sep LEGEND 11.0 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 9.0 -S-80 (1170 cfs for 7 days) 4, 11, 18, 25-Aug 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 26 NOV 2017

		NOV 2017			
Okeechobee Lake	Regulation			ar 2YRS Ago D) (ft-NGVD)	
*Okeechobee La Bottom of High Currently in C	Lake Mngmt:	= 17.25 Top o	of Water Sho	•	ficial Elv) 45
Simulated Aver Difference fro			13.81 2.45		
26NOV (1965-20 Difference fro			rage 14.8		
Today Lake Oke stations	echobee ele	vation is dete	ermined from	n the 4 Int &	4 Edge
++Navigation I	epth (Based	on 2007 Chanr	nel Conditio	on Survey) Rou	ite 1 ÷
++Navigation I 8.40' Bridge Clearan	_	on 2008 Chanr	nel Conditio	on Survey) Rou	ite 2 ÷
_					
4 Interior and 4	Edge Okeecl	hobee Lake Ave	erage (Avg-I	Daily values):	
L001 L005 16.18 16.44	L006 LZ40 16.28 16.23			3133 L6.12	
*Combination Ok	eechobee A	vg-Daily Lake	_	16.26 (*See Note)	
_					
Okeechobee Inflo	ows (cfs):				
S65E	1256	S65EX1	0	Fisheating Cr	121
S154		S191	79	S135 Pumps	0
S84		S133 Pumps	0	S2 Pumps	0
S84X		S127 Pumps	62	S3 Pumps	0
S71		S129 Pumps	0	S4 Pumps	0
S72 Total Inflows:	51 S 2339	S131 Pumps	0	C5	0
Okeechobee Outfl	ows (cfs):				
S135 Culverts		S354	0	S77	5992
S127 Culverts		S351	0	S308	1491
S129 Culverts		S352	0		- -
S131 Culverts		L8 Canal Pt	-NR-		
Total Outflows:	7484				

	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)	(- 0 7						(==7	(= - /	()	(/
		(I) see n	ote at	bott	om				
North East Sh										
S133 Pumps: S193:	: 13.57	16.07	0	0	0	0	0	0	(cfs)
S191:	19.50	16.04	79	0.0	0.0	0.2				
S135 Pumps:	: 13.45	16.03	0	0	0	0	0		(cfs)
S135 Culver	rts:		0	0.0	0.0					
North West Sh	nore									
S65E:	21.07	15.95	1256	0.5	0.5	0.8	0.7	0.7	0.7	
S65EX1:			0							
S127 Pumps:	: 13.35	16.17	62	35	0	24	0	0	(cfs)
S127 Culver	rt:		0	0.0						
S129 Pumps:	: 13.01	16.23	0	0	0	0			(cfs)
S129 Culver	rt:		0	0.0						
S131 Pumps:	: 12.86	16.24	0	0	0				(cfs)
S131 Culver	rt:		0							
Fisheating		20 01	121							
nr Palmda nr Lakepo		30.81	121							
C5:		-NR-	0	-NR	RNR	eNF	-5			
South Shore										
S4 Pumps:	11.00	16.27	0	0	0	0			(cfs)
S169:	14.70	10.99	0	0.0	0.1	0.0				
s310:	16.25		68							

```
S3 Pumps: 9.24 16.30 0 0 0 0 0 (cfs)
S354: 16.30 9.24 0 0.0 0.0
S2 Pumps: 9.99 16.27 0 0 0 0 0 0 (cfs)
S351: 16.27 9.99 0 0.0 0.0 0.0
S352: 16.35 9.46 0 0.0 0.0
C10A: -NR- 12.96 8.0 8.0 8.0 0.0 0.0
                             _NR-
 L8 Canal PT
                  S351 and S352 Temporary Pumps/S354 Spillway
              9.99 16.27 0 -NR--NR--NR--NR--NR-

9.46 16.35 0 -NR--NR--NR-

9.24 16.30 0 -NR--NR--NR-
  S351:
  S352:
  S354:
Caloosahatchee River (S77, S78, S79)
  S47B: 13.40 10.79
                                       0.0 0.0
                       10.80 83 6.6
  S47D:
             10.81
  S77:
   Spillway and Sector Flow:
              Flow Due to Lockages+: 4
 S77 Below USGS Flow Gage
                               5988
  S78:
   Spillway and Sector Flow:
              10.33 3.29 6038 5.0 5.0 5.0 5.0
  Flow Due to Lockages+: 10
 S79:
   Spillway and Sector Flow:
            2.98 1.67 7386 3.0 3.0 3.0 3.5 4.0 3.0 3.0
   Flow Due to Lockages+:
                                   9
   Percent of flow from S77
               low from S77 81 (ppm) 42
                                 81%
   Chloride
St. Lucie Canal (S308, S80)
    Spillway and Sector Flow:
              16.13 15.44 ***** 4.5 4.5 4.5 4.5
  Flow Due to Lockages+: 2
 S308 Below USGS Flow Gage 1489
S153: 18.86 15.20 101
                                101 0.2 0.2
  S80:
   Spillway and Sector Flow:
              14.02 1.00 2771 0.0 2.5 0.0 2.5 2.5 0.0 2.0
   Flow Due to Lockages+:
                                 20
   Percent of flow from S308
                                 54%
  Steele Point Top Salinity (mg/ml) ****
  Steele Point Bottom Salinity (mg/ml) ****
```

```
Speedy Point Top Salinity (mg/ml) 3250 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	on
	(inches)	(inches)	(inches)	(Degø)	
mph)				_	
S133 Pump Station:	-NR-	0.00	0.00		
S193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-	0.00	0.00		
S135 Pump Station:	-NR-	0.00	0.00		
S127 Pump Station:	-NR-	0.00	0.00		
S129 Pump Station:	-NR-	0.00	0.00		
S131 Pump Station:	-NR-	0.00	0.00		
S77:	0.00	0.01	0.47	49	4
S78:	0.00	0.00	0.43	25	2
S79:	0.00	0.00	0.39	185	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:	0.00	0.00	0.10	81	3
S80:	0.00	0.00	0.00	2	3
Okeechobee Average	0.00	0.00	0.04		
(Sites S78, S79 and	S80 not in	cluded)			
Oke Nexrad Basin Avg	-NR-	0.00	0.55		

_		
Okeechobee Lake Elevations	26 NOV 2017	16.26 Difference from
26NOV17		
26NOV17 - 1 Day =	25 NOV 2017	16.31 0.05
26NOV17 - 2 Days =	24 NOV 2017	16.36 0.10
26NOV17 - 3 Days =	23 NOV 2017	16.38 0.12
26NOV17 - 4 Days =	22 NOV 2017	16.40 0.14
26NOV17 - 5 Days =	21 NOV 2017	16.42 0.16
26NOV17 - 6 Days =	20 NOV 2017	16.42 0.16
26NOV17 - 7 Days =	19 NOV 2017	16.49 0.23
26NOV17 - 30 Days =	27 OCT 2017	16.81 0.55
26NOV17 -1 Year =	26 NOV 2016	14.85 -1.41
26NOV17 - 2 Year =	26 NOV 2015	14.47 -1.79

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 2.47

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	Ave	erage Flow over t	he previous	14 days	Avg-Daily Flow
26NOV17	Today =	26 NOV 201	7 1139	MON	-NR-
26NOV17	-1 Day =	25 NOV 201	7 1030	SUN	-3948
26NOV17	-2 Days =	24 NOV 201	7 1146	SAT	2777
26NOV17	-3 Days =	23 NOV 201	7 627	FRI	2671
26NOV17	-4 Days =	22 NOV 201	7 600	THU	2845
26NOV17	-5 Days =	21 NOV 201	7 395	WED	7218
26NOV17	-6 Days =	20 NOV 201	7 144	TUE	-8200
26NOV17	-7 Days =	19 NOV 201	7 969	MON	551
26NOV17	-8 Days =	18 NOV 201	7 1325	SUN	697
26NOV17	-9 Days =	17 NOV 201	7 1360	SAT	2959
26NOV17	-10 Days =	16 NOV 201	7 1540	FRI	-3488
26NOV17	-11 Days =	15 NOV 201	7 2156	THU	-1412
26NOV17	-12 Days =	14 NOV 201	7 2916	WED	6288
26NOV17	-13 Days =	13 NOV 201	7 3106	TUE	5847
		S65E			
		Average Flow ov			Avg-Daily Flow
26NOV17	Today=	26 NOV 201	7 1482	MON	1394
26NOV17	-1 Day =	25 NOV 201	7 1526	SUN	1396

					20	JOE			
				Average	Flow	v over	previous	14 days	Avg-Daily Flow
26NOV17		Today	<i>7</i> =	26	NOV	2017	1482	MON	1394
26NOV17	-1	Day	=	25	NOV	2017	1526	SUN	1396
26NOV17	-2	Days	=	24	NOV	2017	1567	SAT	1457
26NOV17	-3	Days	=	23	NOV	2017	1600	FRI	1480
26NOV17	-4	Days	=	22	NOV	2017	1630	THU	1477
26NOV17	-5	Days	=	21	NOV	2017	1656	WED	1340
26NOV17	-6	Days	=	20	NOV	2017	1689	TUE	1279
26NOV17	-7	Days	=	19	NOV	2017	1742	MON	1279
26NOV17	-8	Days	=	18	NOV	2017	1804	SUN	1318
26NOV17	-9	Days	=	17	NOV	2017	1884	SAT	1393
26NOV17	-10	Days	=	16	NOV	2017	1975	FRI	1516
26NOV17	-11	Days	=	15	NOV	2017	2070	THU	1609
26NOV17	-12	Days	=	14	NOV	2017	2182	WED	1789
26NOV17	-13	Days	=	13	NOV	2017	2279	TUE	2028

_						~ .				
						Se	55EX1			
					Average	Flov	v over	previous	14 days	Avg-Daily Flow
	26NOV17		Today	=	26	NOV	2017	366	MON	0
	26NOV17	-1	Day	=	25	NOV	2017	394	SUN	0
	26NOV17	-2	Days	=	24	NOV	2017	421	SAT	103
	26NOV17	-3	Days	=	23	NOV	2017	456	FRI	113
	26NOV17	-4	Days	=	22	NOV	2017	500	THU	136
	26NOV17	-5	Days	=	21	NOV	2017	555	WED	311
	26NOV17	-6	Days	=	20	NOV	2017	609	TUE	514
	26NOV17	-7	Days	=	19	NOV	2017	652	MON	578
	26NOV17	-8	Days	=	18	NOV	2017	693	SUN	576
	26NOV17	-9	Days	=	17	NOV	2017	734	SAT	577
	26NOV17	-10	Days	=	16	NOV	2017	780	FRI	581
	26NOV17	-11	Days	=	15	NOV	2017	829	THU	574
	26NOV17	-12	Days	=	14	NOV	2017	883	WED	572
	26NOV17	-13	Days	=	13	NOV	2017	954	TUE	492

Lake Okeechobee Outlets Last 14 Days

S-77 Discharge (ALL DAY) DATE (AC-FT) 26 NOV 2017 12317 25 NOV 2017 12178 24 NOV 2017 11922 23 NOV 2017 12014 22 NOV 2017 12222 21 NOV 2017 12433 20 NOV 2017 12583 19 NOV 2017 12583 19 NOV 2017 12460 18 NOV 2017 12313 17 NOV 2017 12113 16 NOV 2017 12044 15 NOV 2017 10741	Below S-77 Discharge (ALL-DAY) (AC-FT) 11875 11873 11646 11771 12057 12109 12269 11813 12210 12399 12408 10818	S-78 Discharge (ALL DAY) (AC-FT) 11997 12408 12505 12533 12386 12256 12420 12201 12263 12443 12363 10959	S-79 Discharge (ALL DAY) (AC-FT) 14692 14185 16099 14462 15565 14748 14637 15671 15549 15265 14634 13700	
14 NOV 2017 12298	12796	12926	15578	
13 NOV 2017 12645	13025	12579	15615	
S-310 Discharge (ALL DAY)	(ALL DAY)	S-352 Discharge (ALL DAY)	S-354 Discharge (ALL DAY)	L8 Canal Pt Discharge (ALL DAY)
DATE (AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
26 NOV 2017 136 25 NOV 2017 133	0	0 0	0	-NR- 0
24 NOV 2017 133 24 NOV 2017 93	0	0	0	-8
23 NOV 2017 20	0	0	0	12
22 NOV 2017 26	0	0	0	10
21 NOV 2017 16	0	0	0	1
20 NOV 2017 41	0	0	0	18
19 NOV 2017 22	0	0	0	-7
18 NOV 2017 47	0	0	0	22
17 NOV 2017 16	0	0	0	21
16 NOV 2017 -11	0	0	0	23
15 NOV 2017 5	0	0	0	25
14 NOV 2017 2	0	0	0	30
13 NOV 2017 -6	0	0	0	24
S-308 Discharge (ALL DAY)	Below S-308 Discharge (ALL-DAY)	S S-80 Discharge (ALL-DAY)		
DATE (AC-FT)	(AC-FT)	(AC-FT)		
26 NOV 2017 5365	2953	5533		
25 NOV 2017 5401	2794	5568		
24 NOV 2017 5295	2859	5598		
23 NOV 2017 5425	2512	5555		
22 NOV 2017 5577	2573	5516		
21 NOV 2017 5006	2203	5610		
20 NOV 2017 5379	2946	5844		
19 NOV 2017 5624	2777	5878		
18 NOV 2017 5574	2647	5912		
17 NOV 2017 4823	2447	5746		
16 NOV 2017 6195	3146	5866		
15 NOV 2017 8398	4353	7373		
14 NOV 2017 8116	4143	8527		

13 NOV 2017 8081 3044 8326

*** 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.

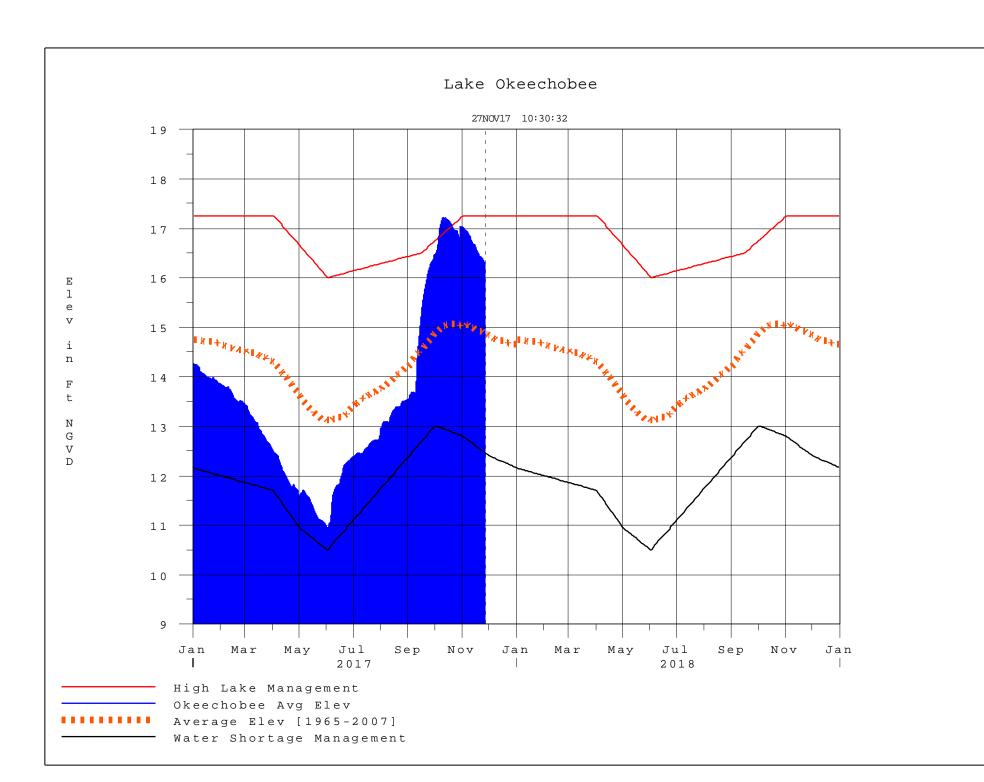
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations

++ 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

Report Generated 27NOV2017 @ 10:15 ** 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
[[1000]	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