Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 10/23/2017 (Developing 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*} Mot		FWMD npirical ethod ²	Neuti	ampling of al ENSO ears ³	AMO Neutr	ampling of Warm + ral ENSO ears ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Oct- Mar)	N/A	N/A	1.97	Wet	1.79	Wet	1.74	Wet
Multi Seasonal (Oct-Apr)	N/A	N/A	1.91	Normal	1.55	Normal	1.51	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.

Tributary Hydrologic Conditions Graph:

6951 cfs 14-day running average for Lake Okeechobee Net Inflow through 10/22/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

2.24 for Palmer Index on 10/21/2017.

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

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 10/23/2017

Lake Okeechobee Stage: 16.97 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechobee Management Zone/Band		Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	17.09	
	High sub-band	16.72	← 16.97
Operational Band	Intermediate sub-band	16.14	
	Low sub-band	14.50	
Base Flow sub-ba	Base Flow sub-band		
Beneficial Use sub-band		12.86	
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 6500 cfs & S-80 Up to 2800 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

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

LORS2008 Implementation on 10/23/2017 (ENSO Neutral Condition):

Status for week ending 10/23/2017:

District wide, Raindar rainfall was 0.52 inches for the week. Lake stage on 10/23/2017 was 16.97 ft, down 0.21 ft from last week.

The updated October 2017 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the High Operational Sub-Band. The 2008 LORS Tributary Hydrologic Condition (THC) tributary is classified as **Very Wet**. The PDSI indicates Wet condition and the LONIN is Very Wet. The THC classification is based on the wetter of the two <u>indices</u>.

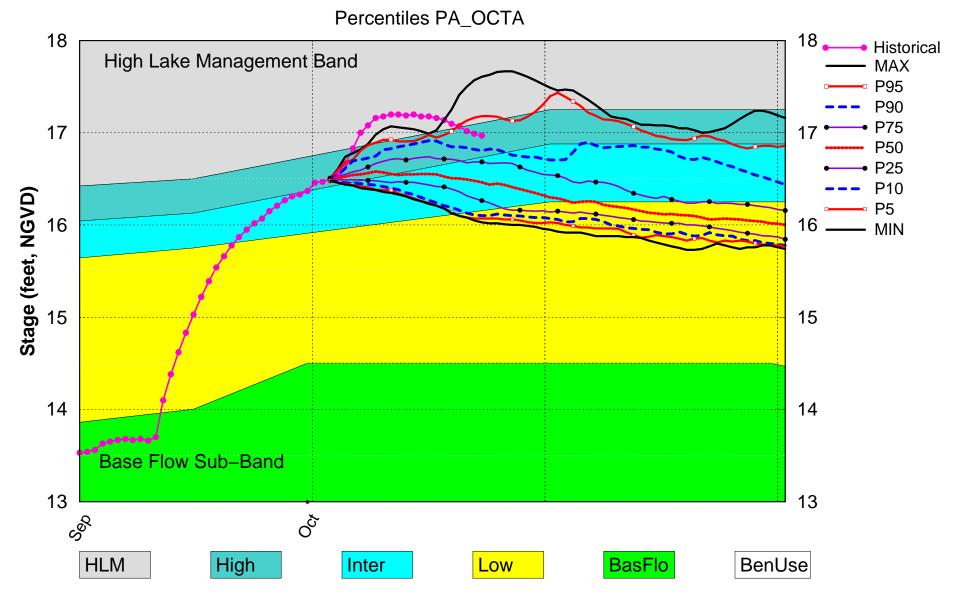
Water Supply Risk Evaluation

	Indicator	Value	Color Coded
Area	Indicator	value	Scoring Scheme
	Projected LOK Stage for the next two months	Intermediate Sub Band	L
	Palmer Index for LOK Tributary Conditions	2.24 (Normal)	L
	CPC Procinitation Outlook	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Below Normal	M
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	1.79 ft (Normal)	L
	LOK Multi-Seasonal Net Inflow Outlook	1.55 ft (Normal)	M
	ENSO La Nina Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (17.55 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (13.84 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (12.47 ft)	L
	Service Area 1	Year-Round Irrigation Rule in effect	اد
LEC	Service Area 2	Year-Round Irrigation Rule in effect	٦
	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.

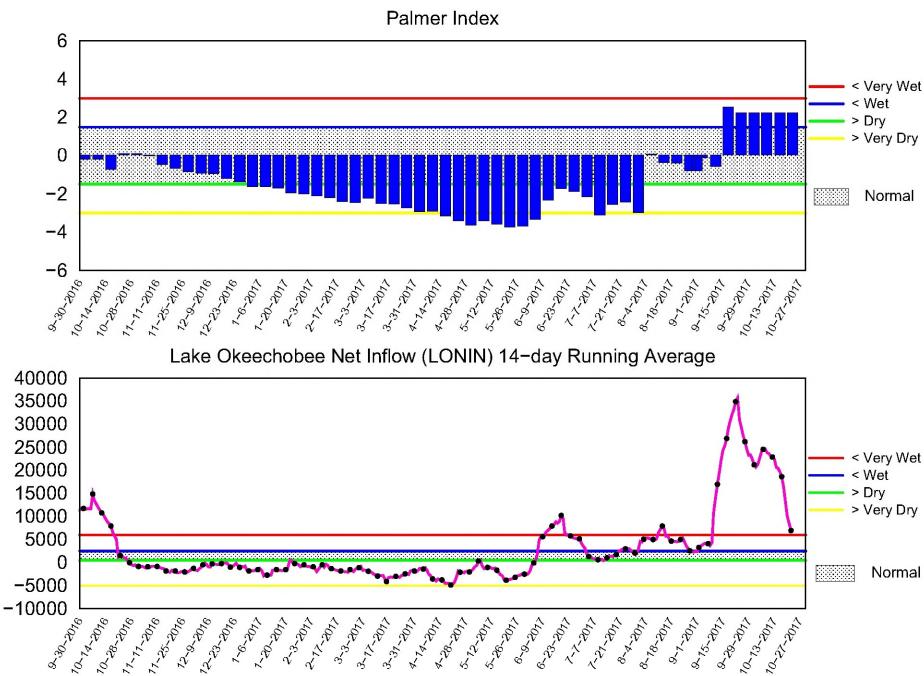
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Lake Okeechobee SFWMM Oct 2017 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of October 23 2017

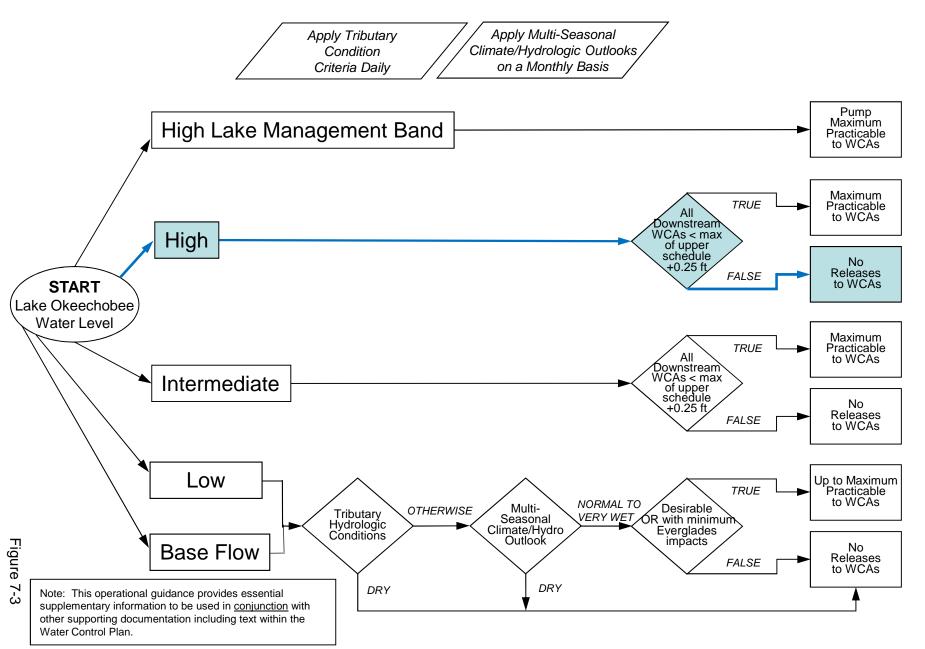


Mon Oct 23 14:51:40 EDT 2017

Flow (cfs)

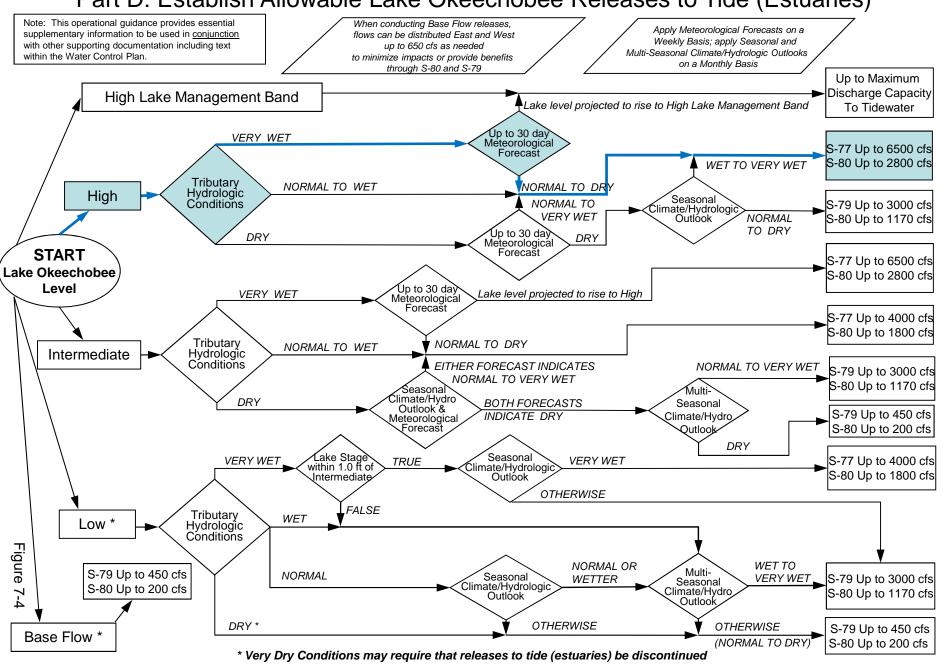
2008 LORS

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 19.0 16.95 ft, NGVD S-77 (3000 cfs for 7 days) S-79 (21-day transitional release) 24-October-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 Max: Starting: 23-Sep S-79 (650 cfs for 7 days 17.0 S-79 (3000 cfs for 7 days 17.0 5-77 (max cfs) Starting: 11,18,25-Nov; Starting: 21-9ct Starting: 19-Sep 2,9,16-Dec S-79 (450 c) for 7 days) Starting: 31-Mar;7 16.0 HIGH 16.0 S-79 (300 cfs for 7 days) INTERMEDIATE Starting: 14,21,28-Apr; 5,12-May 15.0 5-79 (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-80-01-day transitional release Starting: 28-Oct 25-Aug BENEFICIAL USE S-80 (1800 cfs) 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 22 OCT 2017

Okeechobee Lake I		(ft-NGVI) (ft-NGV	D) (ft-NGVD)	
*Okeechobee Lak Bottom of High Currently in Op	Lake Mngmt=	17.09 Top	of Water Sh	8 14.67 (Of ort Mngmt= 12.	
Simulated Avera Difference from			14.02 2.95		
220CT (1965-200 Difference from			erage 15. 1.9		
Today Lake Okee stations	echobee elev	ation is det	termined fro	m the 4 Int &	4 Edge
++Navigation De	epth (Based	on 2007 Char	nnel Conditi	on Survey) Rou	te 1 ÷
++Navigation De 9.11' Bridge Clearance		on 2008 Char	nnel Conditi	on Survey) Rou	te 2 ÷
_					
4 Interior and 4	Edge Okeech	obee Lake Av	verage (Avg-	Daily values):	
L001 L005 I 16.96 17.05 I	L006 LZ40 L7.00 16.94			S133 16.91	
*Combination Oke	eechobee Av	g-Daily Lake	_	16.97 (*See Note)	
_					
Okeechobee Inflow	vs (cfs):				
S65E	1393 S	65EX1	2340	Fisheating Cr	672
S154		191	167	S135 Pumps	0
S84		133 Pumps	0	S2 Pumps	0
S84X		127 Pumps	48	S3 Pumps	0
S71 S72		129 Pumps	0	S4 Pumps	0 0
Total Inflows:	112 S 5929	131 Pumps	0	C5	U
Okeechobee Outflo	ows (cfs):				
S135 Culverts		354	0	S77	7044
S127 Culverts	-	351	0	S308	2703
S129 Culverts		352	0		-
S131 Culverts Total Outflows:		8 Canal Pt	21		

****S77 below flow meter is being used to compute Total Outflow.
****S308 below flow meter is being used to compute Total Outflow.

Okeechobee Pan Evaporation (inches):

S77 0.20 S308 0.25

Average Pan Evap x 0.75 Pan Coefficient = 0.17" = 0.01'

Lake Average Precipitation using NEXRAD: = 0.02" = 0.00'

Evaporation - Precipitation: = 0.15" = 0.01'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 2920 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -4538 cfs or -9000 AC-FT

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 S133 Pumps: 13.44 16.91 0 0 0 0 0 (cfs) S193: 16.90 167 0.0 0.0 0.7 S191: 18.48 S135 Pumps: 13.58 16.82 0 0 0 0 0 (cfs) 0.0 0.0 S135 Culverts: 0 North West Shore 20.91 1393 S65E: 17.18 0.8 0.8 0.8 0.8 0.8 0.8 20.91 S65EX1: 17.18 2340 S127 Pumps: 13.36 48 42 0 0 0 (cfs) 17.00 11 S127 Culvert: 0 0.0 0 S129 Pumps: 12.91 0 0 17.04 0 (cfs) S129 Culvert: 0 0.0 0 0 S131 Pumps: 12.86 17.06 0 (cfs) S131 Culvert: 0 Fisheating Creek nr Palmdale 32.37 672 nr Lakeport C5: -NR-0 -NR- -NR- -NR-South Shore S4 Pumps: 11.36 16.98 0 0 0 (cfs) S169: 13.94 11.36 0 0.0 0.0 0.0 S310: 16.93 14

```
S3 Pumps: 10.17 16.93 0 0 0 0 0 (cfs)
S354: 16.93 10.17 0 0.0 0.0
S2 Pumps: 10.02 16.92 0 0 0 0 0 0 (cfs)
S351: 16.92 10.02 0 0.0 0.0 0.0
S352: 17.05 10.05 0 0.0 0.0
C10A: -NR- 15.09 8.0 8.0 8.0 0.0 0.0
                       15.07 21
 L8 Canal PT
                  S351 and S352 Temporary Pumps/S354 Spillway
             10.02 16.92 0 -NR--NR--NR--NR--NR-
10.05 17.05 0 -NR--NR--NR-
10.17 16.93 0 -NR--NR--NR-
  S351:
  S352:
  S354:
Caloosahatchee River (S77, S78, S79)
  S47B: 13.47 10.96
                                       0.5 1.0
                       10.90 86 6.5
  S47D:
             10.90
  S77:
   Spillway and Sector Flow:
              16.67 11.22 ***** 5.5 5.5 5.5 5.5
   Flow Due to Lockages+: 6
 S77 Below USGS Flow Gage
                                7038
  S78:
   Spillway and Sector Flow:
              10.23 3.79 7210 5.5 5.5 6.6 6.6
  Flow Due to Lockages+: 15
 S79:
   Spillway and Sector Flow:
       3.35 2.03 8930 4.0 4.0 5.0 5.0 5.0 4.0
   Flow Due to Lockages+:
                                   6
   Percent of flow from S77 79
Chloride (ppm) 58
                                 79%
St. Lucie Canal (S308, S80)
    Spillway and Sector Flow:
              Flow Due to Lockages+: 0
 S308 Below USGS Flow Gage 2703
S153: 18.78 16.22 138
                                 138 0.4 0.4
  S80:
   Spillway and Sector Flow:
              11.17 2.34 4474 4.0 2.5 0.0 4.0 2.5 4.0 4.0
   Flow Due to Lockages+:
                                 16
   Percent of flow from S308
                                 60%
  Steele Point Top Salinity (mg/ml) 2849
  Steele Point Bottom Salinity (mg/ml) 8926
```

Speedy Point Top Salinity (mg/ml) 437 Speedy Point Bottom Salinity (mg/ml) 440

+ 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:	0.01	1.82	1.82	123	4
S78:	0.01	0.69	0.69	91	5
S79:	0.00	0.24	0.24	220	3
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	0.00	90	2
S80:	0.00	0.00	0.00	106	2
Okeechobee Average	0.00	0.14	0.14		
(Sites S78, S79 and	S80 not inc	luded)			
Oke Nexrad Basin Avg	0.02	0.18	0.29		

_		
Okeechobee Lake Elevations	22 OCT 2017	16.97 Difference from
220CT17		
220CT17 - 1 Day =	21 OCT 2017	16.99 0.02
220CT17 - 2 Days =	20 OCT 2017	17.02 0.05
220CT17 - 3 Days =	19 OCT 2017	17.07 0.10
220CT17 - 4 Days =	18 OCT 2017	17.10 0.13
220CT17 - 5 Days =	17 OCT 2017	17.14 0.17
220CT17 - 6 Days =	16 OCT 2017	17.16 0.19
220CT17 - 7 Days =	15 OCT 2017	17.18 0.21
220CT17 - 30 Days =	22 SEP 2017	16.02 -0.95
220CT17 -1 Year =	22 OCT 2016	15.78 -1.19
220CT17 - 2 Year =	22 OCT 2015	14.67 -2.30

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 3.52

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	Average	e Flow over th	ne previous	14 days	Avg-Daily Flow
220CT17	Today =	22 OCT 2017	7 7281	MON	5224
220CT17	-1 Day =	21 OCT 2017	9028	SUN	2694
220CT17	-2 Days =	20 OCT 2017	10907	SAT	-2110
220CT17	-3 Days =	19 OCT 2017	14553	FRI	2537
220CT17	-4 Days =	18 OCT 2017	17657	THU	313
220CT17	-5 Days =	17 OCT 2017	19103	WED	4979
220CT17	-6 Days =	16 OCT 2017	20427	TUE	-NR-
220CT17	-7 Days =	15 OCT 2017	20052	MON	10661
220CT17	-8 Days =	14 OCT 2017	20242	SUN	5881
220CT17	-9 Days =	13 OCT 2017	22186	SAT	14124
220CT17	-10 Days =	12 OCT 2017	22577	FRI	9285
220CT17	-11 Days =	11 OCT 2017	22918	THU	11951
220CT17	-12 Days =	10 OCT 2017	23373	WED	9893
220CT17	-13 Days =	09 OCT 2017	24294	TUE	19221
					·
		S65E			
	Ave	erage Flow ove	er previous	14 days	Avg-Daily Flow
220CT17	Today=	22 OCT 2017	7 2556	MON	1511

220CT17 -1 Day = 21 OCT 2017 1527 2846 SUN 1654 220CT17 - 2 Days =20 OCT 2017 3191 SAT 220CT17 -3 Days = 19 OCT 2017 3607 FRI 1834 220CT17 -4 Days = 18 OCT 2017 4005 THU 1837 17 OCT 2017 4383 220CT17 -5 Days = WED 1830 220CT17 -6 Days = 16 OCT 2017 4765 TUE 1903 220CT17 -7 Days = 15 OCT 2017 5143 MON 2304 220CT17 -8 Days = 14 OCT 2017 5491 SUN 2625 220CT17 -9 Days = 13 OCT 2017 5821 SAT 3389 220CT17 -10 Days = 12 OCT 2017 6102 FRI 3992 220CT17 -11 Days = 11 OCT 2017 3269 6340 THU 220CT17 -12 Days = 10 OCT 2017 6633 3447 WED 220CT17 -13 Days = 09 OCT 2017 6911 TUE 4669

-

		S65EX1			
	Average	Flow over	previous	14 days	Avg-Daily Flow
220CT17 Today=	22	OCT 2017	3622	MON	2340
220CT17 - 1 Day =	21	OCT 2017	3853	SUN	2610
220CT17 - 2 Days =	20	OCT 2017	4063	SAT	2778
220CT17 - 3 Days =	19	OCT 2017	4263	FRI	2833
220CT17 - 4 Days =	18	OCT 2017	4485	THU	3083
220CT17 -5 Days =	17	OCT 2017	4716	WED	3270
220CT17 -6 Days =	16	OCT 2017	4908	TUE	3457
220CT17 - 7 Days =	15	OCT 2017	5078	MON	3443
220CT17 - 8 Days =	14	OCT 2017	5235	SUN	3468
220CT17 -9 Days =	13	OCT 2017	5414	SAT	3386
220CT17 - 10 Days =	12	OCT 2017	5588	FRI	3749
220CT17 - 11 Days =	11	OCT 2017	5753	THU	4990
220CT17 - 12 Days =	10	OCT 2017	5838	WED	5679
220CT17 - 13 Days =	09	OCT 2017	5884	TUE	5627

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Lake Okeechobee Outlets Last 14 Days

S-77 Discharge (ALL DAY) DATE (AC-FT) 22 OCT 2017 13608 21 OCT 2017 13492 20 OCT 2017 13493 19 OCT 2017 13192 18 OCT 2017 13250 17 OCT 2017 13753 16 OCT 2017 13753 16 OCT 2017 13719 15 OCT 2017 13678 14 OCT 2017 13737 13 OCT 2017 13703 12 OCT 2017 13752 11 OCT 2017 13688	Below S-77 Discharge (ALL-DAY) (AC-FT) 13956 14143 14042 14051 13985 13888 14059 14145 14296 14393 14106 14540	S-78 Discharge (ALL DAY) (AC-FT) 14319 14277 13775 13894 13707 13761 15021 15125 -NR- 15334 15287 15506	S-79 Discharge (ALL DAY) (AC-FT) 17684 18003 17432 17296 18001 19140 19868 19963 20273 20188 20766 21393	
10 OCT 2017 13757	14661	15697	21591	
09 OCT 2017 13338	14652	16681	24980	
S-310 Discharge (ALL DAY)	S-351 Discharge (ALL DAY)	(ALL DAY)	S-354 Discharge (ALL DAY)	L8 Canal Pt Discharge (ALL DAY)
DATE (AC-FT) 22 OCT 2017 28	(AC-FT) 0	(AC-FT) 0	(AC-FT) 0	(AC-FT) 41
21 OCT 2017 37	0	0	0	21
20 OCT 2017 21	0	0	0	42
19 OCT 2017 17	0	0	0	54
18 OCT 2017 -7 17 OCT 2017 22	0	0 0	0 0	71 14
16 OCT 2017 27	0	0	0	-NR-
15 OCT 2017 43	0	0	0	2
14 OCT 2017 48	0	0	0	47
13 OCT 2017 30 12 OCT 2017 27	0	0 0	0 0	-47 71
12 OCT 2017 27 11 OCT 2017 31	0	0	0	-123
10 OCT 2017 48	0	0	0	-431
09 OCT 2017 12	0	0	0	-483
S-308 Discharge (ALL DAY)	Below S-308 Discharge (ALL-DAY)	S-80 Discharge (ALL-DAY)		
DATE (AC-FT)	(AC-FT)	(AC-FT)		
22 OCT 2017 11165	5360	8878		
21 OCT 2017 9853 20 OCT 2017 8143	4876 4728	8162 7678		
19 OCT 2017 8018	4724	8004		
18 OCT 2017 8960	5361	7960		
17 OCT 2017 9703	5370	-NR-		
16 OCT 2017 9328 15 OCT 2017 9307	5087	9308 9567		
15 OCT 2017 9307 14 OCT 2017 8991	6995 6716	9477		
13 OCT 2017 8900	8142	8912		
12 OCT 2017 9261	8254	8084		
11 OCT 2017 9018	7286	9278		
10 OCT 2017 9509	4956	9600		

09 OCT 2017 9837 4669 9703

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

and

Lockages Discharges from 0015 hrs to 2400 hrs.

(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.

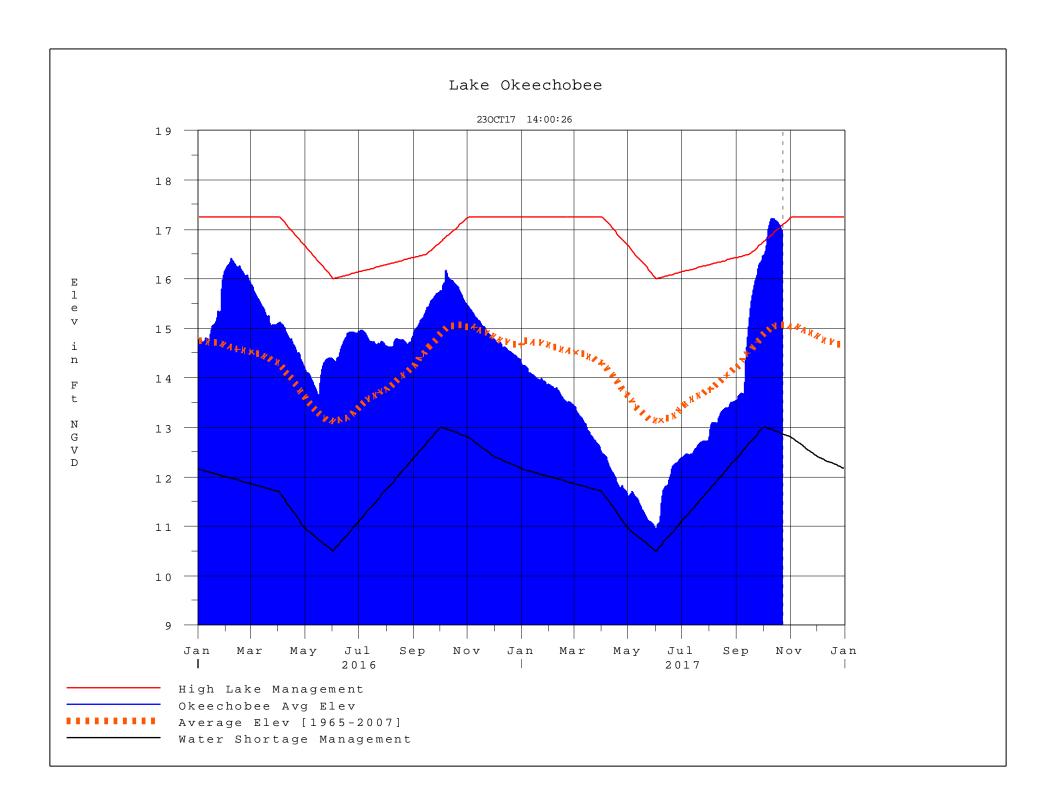
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations

++ 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 230CT2017 @ 14:07 ** 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

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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