Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 5/25/2015 (Developing El Nino 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 El Nino years³ and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with ENSO El Nino 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		roley's ethod ^{1*}	Em	FWMD npirical ethod ²	ENS	ampling of D El Nino ears ³	Sub-sampling of AMO Warm + ENSO El Nino Years ⁴		
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	
Current (May- Oct)	N/A	N/A	2.36	Very Wet	2.00	Very Wet	3.04	Very Wet	
Multi Seasonal (May- Apr)	N/A	N/A	2.89	Wet	3.73	Wet	5.37	Very 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:

- **-3676 cfs** 14-day running average for Lake Okeechobee Net Inflow through 5/24/2015. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **1.28** for Palmer Index on 5/23/2015. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 5/25/2015

Lake Okeechobee Stage: 13.02 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	amont Band	16.14	
High Lake Manage	ement band	10.14	
	High sub-band	15.61	
Operational Band	Intermediate sub-band	15.06	
	Low sub-band	13.08	← 13.02
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	10.59	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to Maximum Releases to the WCAs if Desirable or with Minimum Everglades Impacts

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 5/25/2015 (ENSO Neutral Condition):

Water Supply Department Technical Input

Water Supply Outlook:

District wide, Raindar rainfall 0.85 inches for the week ending 5/26/2015. Lake stage on 5/25/2015 is 13.02 ft, down 0.29 ft from last week.

The updated May 2015 SFWMM Dynamic Position Analysis <u>percentile graph</u> and <u>tracking chart</u> for Lake Okeechobee show that the lake stage is in the Low Flow Operational Sub-Band.

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

Water Supply Risk Evaluation

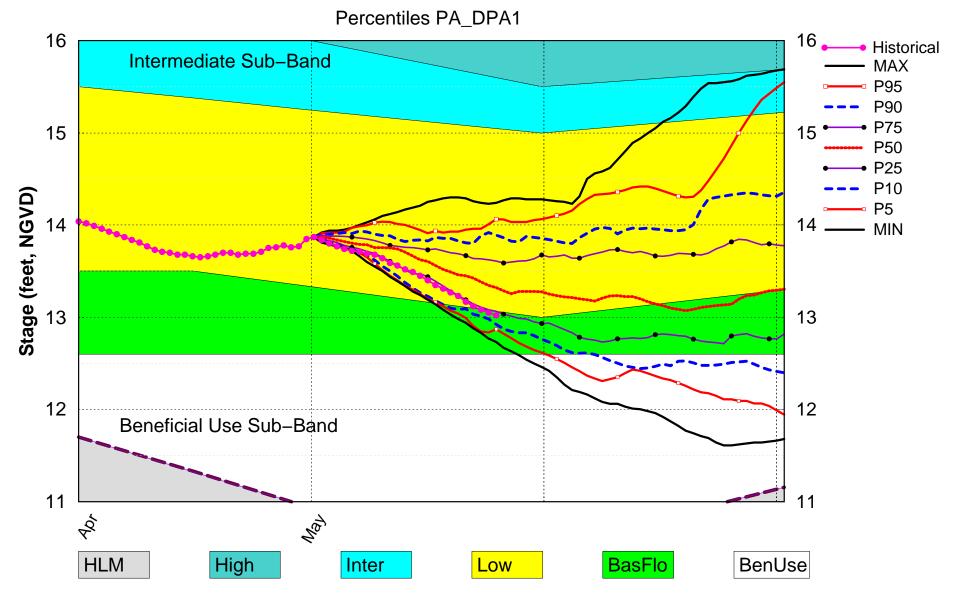
Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Base Flow Sub-Band	М
	Palmer Index for LOK Tributary Conditions	-1.28 (Dry)	М
LOK	CDC Draginitation Outlook	1 month: Above Normal	L
LOK	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Forecast AMO warm/El Nino	3.04 ft (Normal to Extremely Wet)	٦
	LOK Multi-Seasonal Net Inflow Forecast AMO warm/El Nino	5.37 ft (Wet)	L
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (15.47 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line1 (11.54 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (8.88 ft)	٦
	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 forecasts use slightly different classification intervals than those used by the 2008-LORS for classifying the tributary hydrologic condition (THC).

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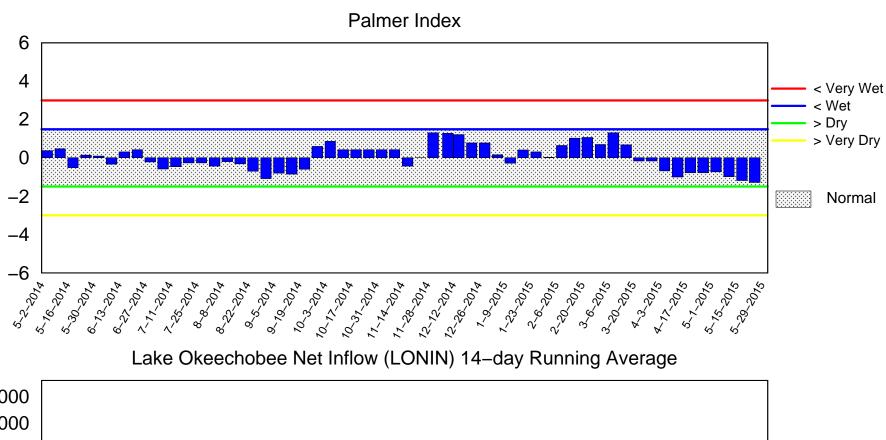
Back to U.S. Army Corps of Engineers LORSS Homepage

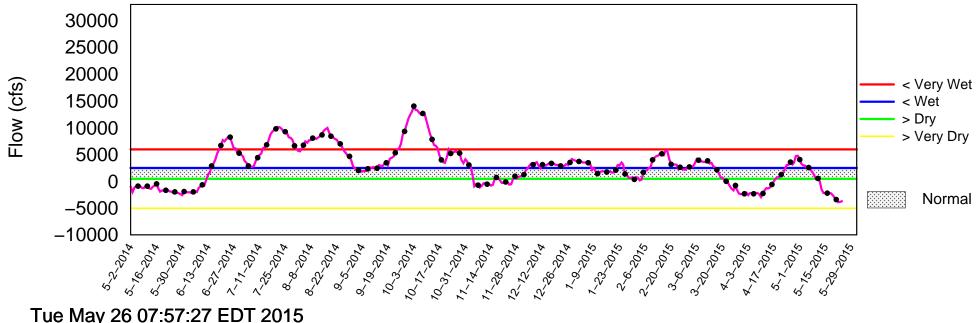
Lake Okeechobee SFWMM May 2015 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

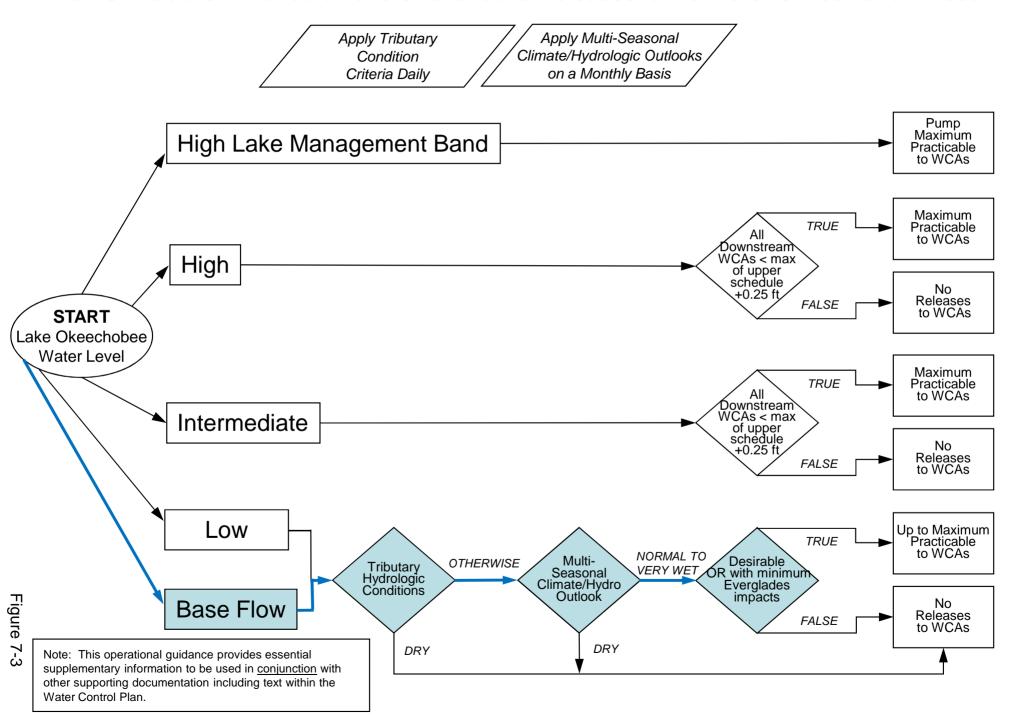
Tributary Basin Condition Indicators as of May 25 2015





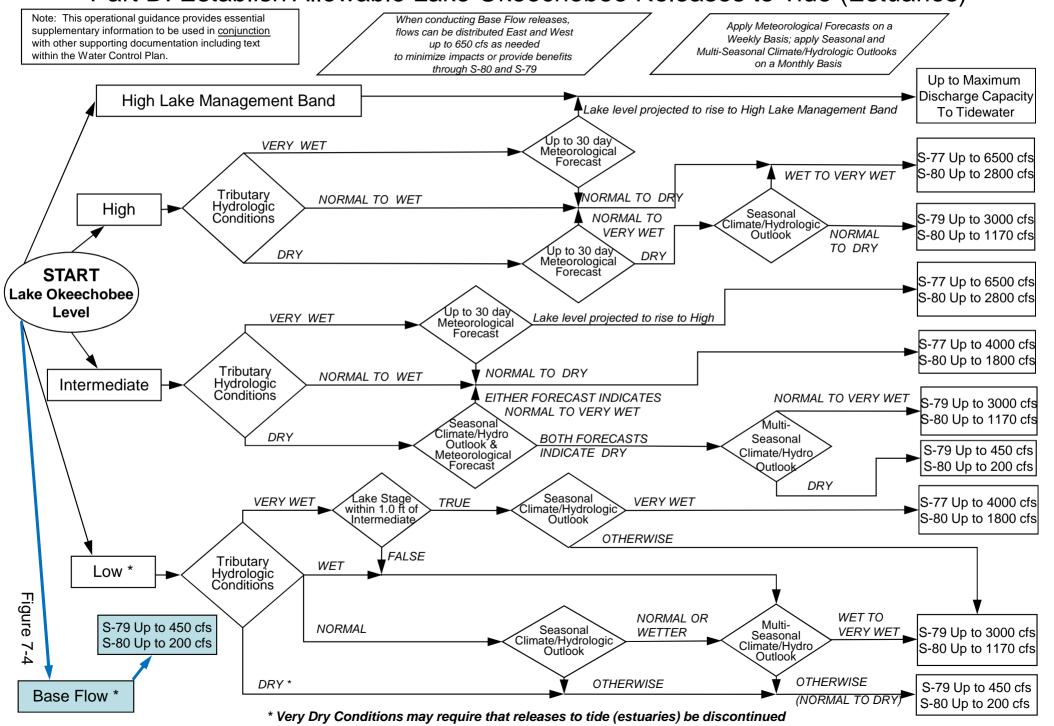
2008 LORS

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 13.76 ft, NGVD 19.0 19.0 S-79 (1700 cfs for 7 days) S-79 (650 cfs for 10 days)_{S-79} (1000 cfs for 7 days) 28-Apr-2015 Startina: 13-Feb. 20-Feb Starting: 9-Apr, 19-Apr, Starting: 17-Oct, 24-Oct, 31-Oct S-79 (2000 cfs for 7 days) 29-Apr, 9-May & 19-May S-79 (1200 cfs for 14 days) HIGH LAKE 18.0 18.0 Startina: 27-Feb S-79 (300 cfs for 7 days) Startina: 21-Nov MANAGEMENT S-79 (2500 cfs for 7 days) Starting: 29-May, 05-Jun BAND S-79 (1500 cfs for 7 days) Starting: 6-Mar, 13-Mar, & 12-Jun Starting: 5-Dec, 12-Dec, 20-Mar, 27-Mar 17.0 HIGH 17.0 5-79 (650 cfs for 10 days 5-79 (2000 cfs for 7 days) 19-Dec, 26-Dec, 2-Jan, Starting: 19-Jun, 29-Jun INTERMEDIATE 9-Jan, 16-Jan, 23-Jan, Starting: 3-Apr & 09 tut Reg Releases to WCA-1 S-79 (1800 cfs for 7 days) 30-Jan, 6-Feb 16.0 16.0 Reg Release to WCA's Suspended 20-Dec Starting: 10-Apr Max Practicable, 19-Jun Rea Releases to-WCA-2A S-79 (1500 efs for 7 days) LOW Suspended 13-Jan Starting: 17-Apr 15.0 15.0 Reg Releases to WCA-ZA S-79 (1800 cfs for 7 days) Water Level (ft, NGVD) Max Restarted 29-Jan Starting: 24-Apr 14.0 14.0 BASE FLOW S-79 (800 cfs for 7 days, Starting: 7-Nov 13.0 13.0 Min Reg Releases to WCAs BENEFICIALUSE Suspended 21-Sep S-80 (0 cfs for 7 days) 12.0 12.0 Resumed 21-Oct Rea Releases to WCA-2A Starting: 24-Apr WATER SHORTAGE S-79 (650 cfs for 7 days) Suspended 30-Jan 10-Mar S-80 (500 cfs for 7 days). MANAGEMENT Starting: 12-Sep, 19-Sep, Resumed 14-Feb, 1 Mar, 26-Mar Starting: 2X-Mar 11.0 LEGEND 11.0 26-Sep, 3-Oct, 10-Oct Reg Releases to WCA-37 Lake Release Color Code Suspended 30-Jan S80 & S77 max practicable S-80 (730 cfs for 7 days Resumed 03-Mar, 27-Mar S-79 (1,500 cfs for 10 days) S80 < 2,800 cfs; S77 < 6,500 cfs Starting: 20-Mar 10.0 10.0 Starting: 19-Jul, 29-Jul, S80 < 1,800 cfs; S77 < 4,000 cfs \$-80 (950 cfs for 7 days) S-79 (1,000 cfs for 10 days) 08-Aug, 18-Aug & 28-Aug S80 < 1,170 cfs; S79 < 3000 cfs Starting: 6-Mar, 13-Ma Starting: 08-Feb, 18-Feb, 28-Feb, Baseflow S80 < 200 cfs; S79 < 450 cfs S-80 (730 cfs for 7 days) 10-Mar, 20-Mar & 30-Mar 9.0 9.0 No Regulatory Release From Lake Starting: 27-Feb S-80 (300 cfs for 7 days) Environmental WS Release Starting: 16-Jan, 23-Jan, S-80 (500 cfs for 7 days) Regulatory Release to WCAs Starting: 13-Feb 30-Jan, 6-Feb 8.0 8.0 Jul-2014 Jan-2014 Jan-2015 Jul-2015 Jan-2016 LORS-2008 Projected Stage Percentiles From

SFWMD-HESM Position Analysis

Adopted by USACE 28-April-2008

Data Ending 2400 hours 25 MAY 2015

Okeechobee Lake					
	Regulation			ear 2YRS Ago VD) (ft-NGVD)	
*Okeechobee La Bottom of High Currently in (n Lake Mngmt	n 12.99 = 16.14 Top	12. of Water S	58 13.37 (Of hort Mngmt= 10.	
Simulated Aver Difference fro	_		11.97 1.02		
25MAY (1965-20 Difference fro			rage 13	.15 16	
Today Lake Oke stations	echobee ele	vation is det	ermined fr	om the 4 Int &	4 Edge
	Depth (Based	l on 2007 Chan	nel Condit	ion Survey) Rou	ite 1 ÷
6.93'	Donth (Pagod	lon 2008 Chan	nol Condit	ion Survey) Rou	ı+o 2 ÷
5.13'	Jepth (based	. OII 2006 CIIAII	ilei condic	ion survey) kou	ite Z ÷
Bridge Clearar	nce = -NR-'				
_					
4 Interior and 4	A Edgo Okooo	shohoo Tako Arr	orago (Arra	Dailt traluog):	
4 lincerior and 4	i Euge Okeed	HODEE Lake AV	erage (Avg	-Daily values).	
L001 L005	L006 LZ40	s4 s35	2 S308	S133	
TOOT TOOD				12 95	
12.87 13.17	12.99 12.9	4 13.08 13.	06 -NR-	12.75	
	12.99 12.9	14 13.08 13.	06 -NR-	12.75	
12.87 13.17					
				12.99	
12.87 13.17					
12.87 13.17				12.99	
12.87 13.17 *Combination Ok	keechobee A			12.99	
*Combination Ob Combination Ob Combination Ob The state of the stat	keechobee A	wg-Daily Lake	Average =	12.99 (*See Note)	10
12.87 13.17 *Combination Ok - Okeechobee Inflo	keechobee A ows (cfs): 437	avg-Daily Lake	Average =	12.99 (*See Note) Fisheating Cr	
*Combination OF *Combination OF - Okeechobee Inflo S65E S154	cows (cfs): 437	s191 S133 Pumps	Average =	12.99 (*See Note) Fisheating Cr S135 Pumps	0
*Combination OF *Combination OF Okeechobee Inflo S65E S154 S84	cows (cfs): 437 0 297	S191 S133 Pumps S127 Pumps	Average = 0 0 0 0	12.99 (*See Note) Fisheating Cr S135 Pumps S2 Pumps	0 0
*Combination OF *Combination OF - Okeechobee Inflo S65E S154	cows (cfs): 437 0 297 0	S191 S133 Pumps S127 Pumps S129 Pumps	Average =	12.99 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0
*Combination OF *Combination OF - Okeechobee Inflo S65E S154 S84 S71	cows (cfs): 437 0 297 0	S191 S133 Pumps S127 Pumps	Average = 0 0 0 0 0	12.99 (*See Note) Fisheating Cr S135 Pumps S2 Pumps	0 0 0
*Combination OF *Combination OF - Okeechobee Inflo S65E S154 S84 S71 S72	cows (cfs): 437 0 297 0	S191 S133 Pumps S127 Pumps S129 Pumps	Average = 0 0 0 0 0	12.99 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination Of *Combination Of	ows (cfs): 437 0 297 0 0 -70 674	S191 S133 Pumps S127 Pumps S129 Pumps	Average = 0 0 0 0 0	12.99 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination Ok *Combination Ok Okeechobee Inflo S65E S154 S84 S71 S72 C5 Total Inflows: Okeechobee Outfl	cows (cfs): 437 0 297 0 -70 674 lows (cfs):	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	Average =	12.99 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0
*Combination Of *Combination Of	cows (cfs): 437 0 297 0 -70 674 lows (cfs):	S191 S133 Pumps S127 Pumps S129 Pumps	Average = 0 0 0 0 0	12.99 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	0 0 0
*Combination OF *Combination OF - Okeechobee Inflo S65E S154 S84 S71 S72 C5 Total Inflows: Okeechobee Outfl	Dws (cfs): 437 0 297 0 -70 674 lows (cfs): -NR-	S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	Average =	12.99 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0

S129 Culverts (Used)	0	S352	305	S308	-NR-				
S131 Culverts USED)		L8 Canal Pt	151	S308Below	271 (NOT				
Total Outflows: No Report Due To Missing S77 or S308 Discharge Data									
****S77 Structure outflow is being used to compute Total Outflow. ****S308 Structure outflow is being used to compute Total Outflow.									
Okeechobee Pan Evaporation (inches): S77 -NR- S308 -NR- Average Pan Evap x 0.75 Pan Coefficient = -NR-" = -NR-'									
Lake Average Precip	itation	using NEXRAD: =	-NR-" =	-NR- '					
Evaporation - Precipitation: = -NR-" = -NR-" Evaporation - Precipitation using Lake Area of 730 square miles is equal to -NR-									
Lake Okeechobee (Ch	Lake Okeechobee (Change in Storage) Flow is -6201 cfs or -12300 AC-FT								

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

	Headwater	Tailwater				Gat	e Pos	sition	ıs	
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6 #	‡7
#8	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft) (f	Ēt)
(ft)		(I) see no	ote at	bott	com				
North East Sh	nore	`	,							
S133 Pumps S193:		12.91	0	0	0	0	0	0	(cfs)	
	18.35	12.88	0	0.0	0.0	0.0				
S135 Pumps	:	-NR-			0	0	0		(cfs)	
S135 Culve			-NR-	-NR-	-NR-				, ,	
North West Sh	nore									
S65E:	20.92	12.89	437	0.0	0.4	0.4	0.0	0.0	0.0	
S127 Pumps	13.43	13.05	0	0	0	0	0	0	(cfs)	
S127 Culve	rt:		0	0.0						
S129 Pumps S129 Culve		13.12	0	0	0	0			(cfs)	
S131 Pumps S131 Culve		13.30	0	0	0				(cfs)	
Fisheating nr Palmda nr Lakepo	ale	28.64 13.27	10							

```
C5: 13.12 13.24 -70 3.2 3.1 3.2
South Shore

      S4 Pumps:
      10.42
      13.01
      0
      0
      0
      0

      S169:
      13.05
      10.40
      0
      0.0
      0.0
      0.0

                                                           (cfs)
 S169:
                                0 0.0 0.0 0.0
 S310:
            12.99
                                39
 S3 Pumps: 11.45
S354: 13.02
                     13.02
                                0
                                      0 0
                                               0
                                                            (cfs)
                              947 2.7 2.9
                     11.45
 S2 Pumps: 11.24
            12.90 11.24 961 2.6 2.6
13.07 10.80 305 0.9 0.9
-NR- 13.02
                                      0 0 0 0
                                                           (cfs)
                                   2.6 2.6 2.3
 S351:
            12.90
 S352:
 C10A:
                                    8.5 8.5 8.5 8.5
 L8 Canal PT
                      12.86 151
                 S351 and S352 Temporary Pumps/S354 Spillway
 S351:
             11.24
                     12.90
                              961 -NR--NR--NR--NR--NR-
 S352:
            10.80
                     13.07
                              305 -NR--NR--NR--NR-
 S354:
            11.45
                     13.02
                              947 -NR--NR--NR-
Caloosahatchee River (S77, S78, S79)
 S47B: 13.61 10.90
                                    0.0 0.0
 S47D:
             10.77
                     10.78 -24 4.8
 S77:
   Spillway and Sector Flow:
              -NR- -NR- -NR- 0.0 3.0 3.0 0.0 Lockages+: -NR-
   Flow Due to Lockages+:
 S77 Below USGS Flow Gage
                             761
 S78:
   Spillway and Sector Flow:
             -NR- -NR- -NR- 1.0 0.0 1.0 1.0
   Flow Due to Lockages+:
                              -NR-
 S79:
   Spillway and Sector Flow:
            -NR- -NR- -NR- 0.5 1.0 1.0 1.0 1.0 0.5
0.0
   Flow Due to Lockages+:
                              -NR-
   Percent of flow from S77
                             -NR-%
   Chloride
                    (mqq)
                              -N
St. Lucie Canal (S308, S80)
   Spillway and Sector Flow:
                              -NR- 0.0 0.0 2.5 0.0
            -NR- -NR-
   Flow Due to Lockages+:
                              -NR-
 S308 Below USGS Flow Gage
                              271
                              -NR- 0.0 -NR-
 S153: _____ -NR-
 S80:
   Spillway and Sector Flow:
              -NR- -NR- -NR- 0.0 0.2 0.0 0.2 0.0 0.0
```

```
Flow Due to Lockages+: -NR-
Percent of flow from S308 -NR-%

Steele Point Top Salinity (mg/ml) ****

Speedy Point Top Salinity (mg/ml) ****

Speedy Point Top 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	0.20		
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	0.08		
S129 Pump Station:	-NR-	0.00	0.00		
S131 Pump Station:	-NR-	0.00	0.00		
S77:	0.00	0.07	0.84	-NR-	-NR-
S78:	0.00	0.00	0.04	-NR-	-NR-
S79:	0.04	0.04	0.31	-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	0.03	0.31	-NR-	-NR-
S80:	0.08	0.18	0.18	-NR-	-NR-
Okeechobee Average	0.00	0.01	0.11		
(Sites S78, S79 and	S80 not inc	cluded)			
Oke Nexrad Basin Avg	-NR-	0.15	0.55		

_ Okeechobee Lake Elevations	25 MAY 2015	12.99 Differe	nce from
25MAY15			
25MAY15 -1 Day =	24 MAY 2015	13.02	0.03
25MAY15 - 2 Days =	23 MAY 2015	13.05	0.06
25MAY15 - 3 Days =	22 MAY 2015	13.08	0.09
25MAY15 - 4 Days =	21 MAY 2015	13.12	0.13
25MAY15 -5 Days =	20 MAY 2015	13.17	0.18
25MAY15 -6 Days =	19 MAY 2015	13.22	0.23
25MAY15 -7 Days =	18 MAY 2015	13.27	0.28
25MAY15 - 30 Days =	25 APR 2015	13.76	0.77
25MAY15 -1 Year =	25 MAY 2014	12.58	-0.41
25MAY15 - 2 Year =	25 MAY 2013	13.37	0.38

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

		7	Ave	rage Flo	N OVE	er the	previous	14 days	Avg-Daily Flo
25MAY15	5	Today		_		2015	-	TUE	-NR-
25MAY15	-1	Day	=	24	MAY	2015	-3460	MON	-2558
25MAY15	-2	Days	=	23	MAY	2015	-3648	SUN	-1808
25MAY15	-3	Days	=	22	MAY	2015	-3718	SAT	-3385
25MAY15	-4	Days	=	21	MAY	2015	-3251	FRI	-4967
25MAY15	-5	Days	=	20	MAY	2015	-3119	THU	-4553
25MAY15	-6	Days	=	19	MAY	2015	-2606	WED	-5064
25MAY15	-7	Days	=	18	MAY	2015	-2241	TUE	-3245
25MAY15	-8	Days	=	17	MAY	2015	-2194	MON	-2687
25MAY15	-9	Days	=	16	MAY	2015	-2191	SUN	-4508
25MAY15	-10	Days	=	15	MAY	2015	-2216	SAT	-4904
25MAY15	-11	Days	=	14	MAY	2015	-2131	FRI	-3534
25MAY15	-12	Days	=	13	MAY	2015	-1432	THU	-1657
25MAY15	-13	Days	=	12	MAY	2015	91	WED	-4150

_	
	S65E

						_			
				Average	Flow	v over	previous	14 days	Avg-Daily Flow
25MAY15		Today	<i>7</i> =	25	MAY	2015	430	TUE	437
25MAY15	-1	Day	=	24	MAY	2015	484	MON	407
25MAY15	-2	Days	=	23	MAY	2015	544	SUN	500
25MAY15	-3	Days	=	22	MAY	2015	627	SAT	252
25MAY15	-4	Days	=	21	MAY	2015	748	FRI	448
25MAY15	-5	Days	=	20	MAY	2015	771	THU	489
25MAY15	-6	Days	=	19	MAY	2015	937	WED	467
25MAY15	-7	Days	=	18	MAY	2015	1120	TUE	541
25MAY15	-8	Days	=	17	MAY	2015	1318	MON	201
25MAY15	-9	Days	=	16	MAY	2015	1543	SUN	161
25MAY15	-10	Days	=	15	MAY	2015	1768	SAT	455
25MAY15	-11	Days	=	14	MAY	2015	1981	FRI	456
25MAY15	-12	Days	=	13	MAY	2015	2200	THU	490
25MAY15	-13	Days	=	12	MAY	2015	2512	WED	721
									-

_ Lake Okeechobee Outlets Last 14 Days

			S-77	S-77	Below S-77	S-78	S-78	S-79
			Discharge	Discharge	Discharge	Discharge	Discharge	Discharge
		(0700-2100)	(ALL DAY)	(ALL-DAY)	(0700-2100)	(ALL DAY)	(ALL DAY)
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
25	MAY	2015	1275	-NR-	1509	1166	-NR-	-NR-
24	MAY	2015	1536	-NA-	2242	1220	2472	4489
23	MAY	2015	2338	-NA-	3546	2043	3473	5908
22	MAY	2015	2481	-NA-	3338	1960	-NR-	3700
21	MAY	2015	1586	-NA-	2330	856	1691	2038
20	MAY	2015	2176	-NA-	3118	1440	2456	2842
19	MAY	2015	2126	-NA-	3033	1515	2582	2933
18	MAY	2015	2096	3727	3458	1547	2954	3849

16 15 14	MAY MAY MAY	2015 2015 2015 2015 2015	2815 3060 2014 737 1056	4781 5023 -NA- -NA- 2274	4719 4955 2913 1556 2109	2252 2847 1935 629 1179	4109 4664 3400 1743 2611	5036 5788 4595 1954 2697
		2015	1009	-NA-	2218	1197	2639	3464
	DATE	(S-310 Discharge ALL DAY) (AC-FT)	S-351 Discharge (ALL DAY) (AC-FT)	S-352 Discharge (ALL DAY) (AC-FT)	S-354 Discharge (ALL DAY) (AC-FT)	L8 Canal Pt Discharge (ALL DAY) (AC-FT)	
25		2015	78	1906	605	1878	299	
		2015	62	1547	666	1666	246	
		2015	139	1606	637	1888	279	
		2015	179	2372	1412	2011	285	
		2015	177	3109	1818	1983	395	
		2015	183	3056	1495	1753	388	
19	MAY	2015	119	2445	1229	1703	351	
18	MAY	2015	79	1949	1081	1624	352	
17	MAY	2015	108	2017	956	1642	342	
16	MAY	2015	114	2411	1269	1920	396	
15	MAY	2015	156	2647	1329	1993	376	
		2015	179	3026	1216	1997	406	
13	MAY	2015	132	2709	1420	1342	400	
12	MAY	2015	116	2762	1301	599	395	
			S-308	Below S-308	S-80			
		Г	ischarge	Discharge	Discharge			
			ALL DAY)	(ALL-DAY)	(ALL-DAY)			
	DATE		(AC-FT)	(AC-FT)	(AC-FT)			
25		2015	-NR-	538	-NR-			
		2015	461	562	898			
		2015	566	564	1030			
22	MAY	2015	-NA-	55	378			
21	MAY	2015	-NA-	485	350			
20	MAY	2015	-NA-	1051	1158			
19	MAY	2015	-NA-	1282	1383			
18	MAY	2015	1637	1817	1824			
17	MAY	2015	1738	1951	2276			
16	MAY	2015	1048	1809	2220			
15	MAY	2015	976	1289	1411			
14	MAY	2015	875	1317	1083			
13	MAY	2015	1071	1505	1512			
10		0015	1005	1016	1.01			

*** NOTE: 1) Discharge from (0700-2100) is computed using Spillway and Sector $\,$

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Gate Discharges from 0700 hrs to 2100 hrs.

2) 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

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12 MAY 2015 1035

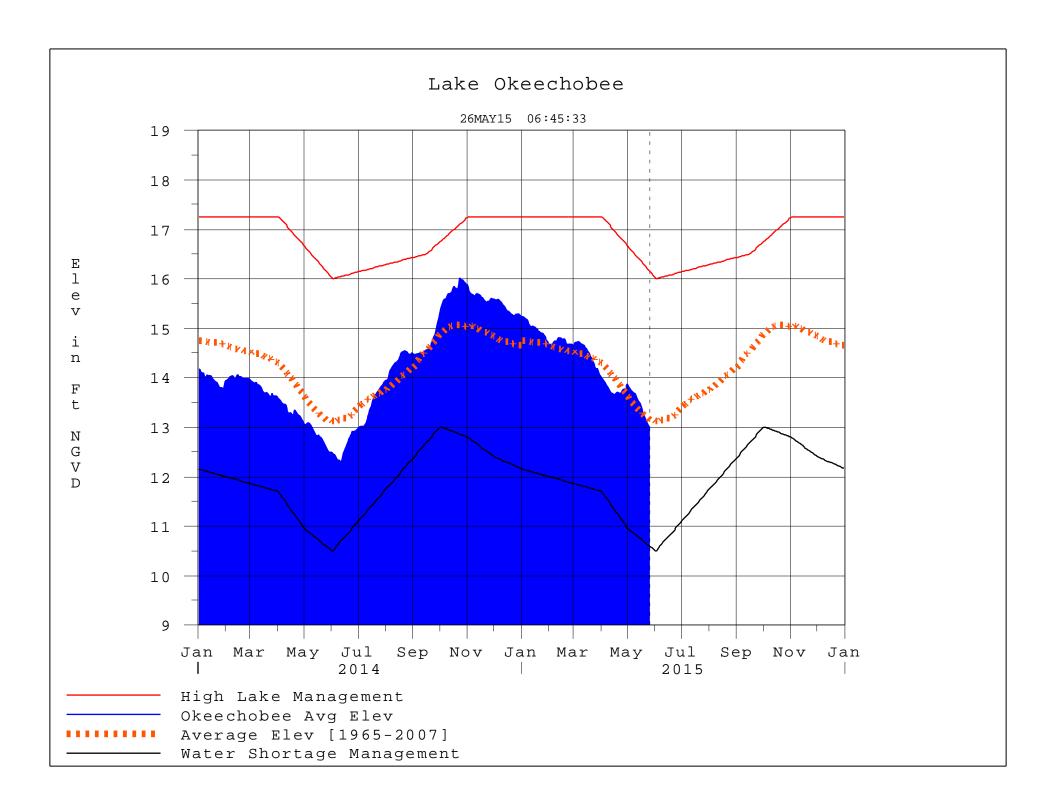
* On 11 May 1999, Lake Okeechobee Elevation was switched from Instantaneous 2400 value to an average-daily lake average.

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 26MAY2015 @ 06:39 ** 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
	2000	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