# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 10/3/2016 (ENSO Neutral Condition)

### **Lake Okeechobee Net Inflow Outlook:**

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method<sup>1</sup>, the SFWMD empirical method<sup>2</sup>, a sub-sampling of Neutral years<sup>3</sup> and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with Neutral ENSO years<sup>4</sup>. 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 <sup>1*</sup>		Method <sup>1*</sup> Empirical Method <sup>2</sup>		Sub-sampling of Neutral ENSO Years <sup>3</sup>		Sub-sampling of AMO Warm + Neutral ENSO Years <sup>4</sup>	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	
Current (Oct- Mar)	N/A	N/A	0.89	Normal	1.23	Normal	1.86	Wet	
Multi Seasonal (Nov- Oct)	N/A	N/A	2.55	Wet	3.38	Wet	4.57	Very Wet	

<sup>\*</sup>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:**

**11756 cfs** 14-day running average for Lake Okeechobee Net Inflow through 10/2/2016. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

**-0.20** for Palmer Index on 10/1/2016.

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

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

### **LORS2008 Classification Tables:**

# Lake Okeechobee Stage on 10/3/2016

Lake Okeechobee Stage: 15.76 feet

**USACE** Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob	ee Management	Bottom Elevation	Current
Zone/Band		(feet, NGVD)	Lake Stage
High Loke Manag	oment Dand	16.77	
High Lake Manage	ement band	16.77	
	High sub-band	16.40	
Operational Band	Intermediate sub-band	15.93	
	Low sub-band	14.50	← 15.76
Base Flow sub-ba	nd	13.00	
Beneficial Use sub-band		12.99	
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 3000 cfs and S-80 up to 1170 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

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#### LORS2008 Implementation on 10/3/2016 (ENSO Neutral Condition):

#### Status for week ending 10/3/2016:

District wide, Raindar rainfall was 1.73 inches for the week. Lake stage on 10/3/2016 was 15.76 ft, up 0.07 ft from last week.

The updated September 2016 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Low Operational Sub-Band.

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

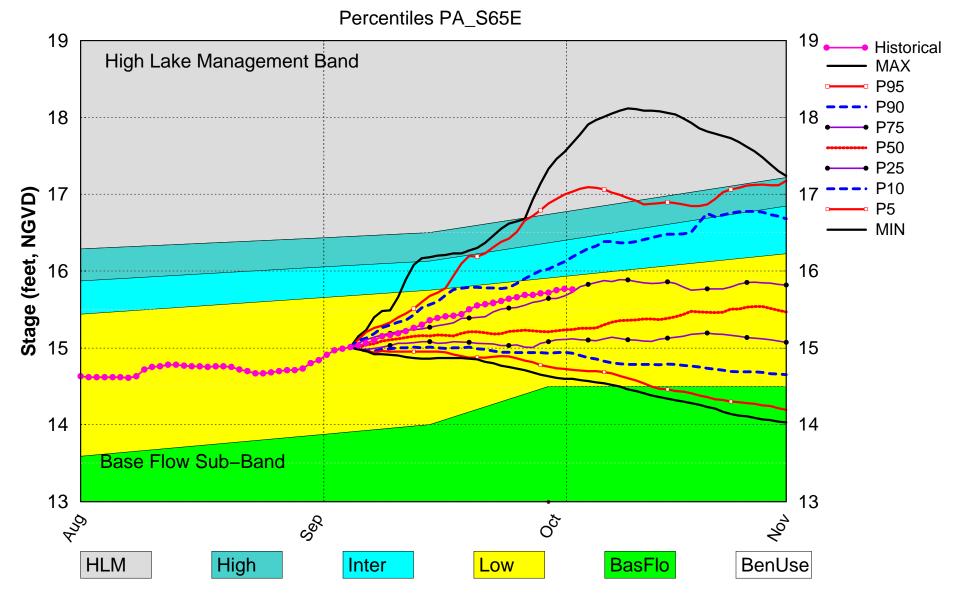
**Water Supply Risk Evaluation** 

	Supply Misk Evaluation		
Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Low Sub-Band	L
	Palmer Index for LOK Tributary Conditions	-0.20 (Normal)	Г
	CPC Procinitation Outlook	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Below Normal	M
	LOK Seasonal Net Inflow Forecast ENSO Neutral Years	1.23 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Forecast	1.15 ft (Normal)	M
	ENSO Neutral Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.82 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line1 (13.23 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.72 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 forecasts use slightly different classification intervals than those used by the 2008-LORS.

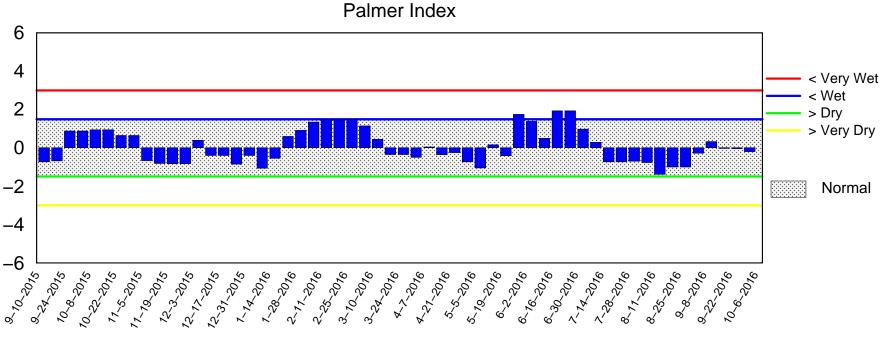
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# Lake Okeechobee SFWMM Sept 2016 Dynamic Position Analysis

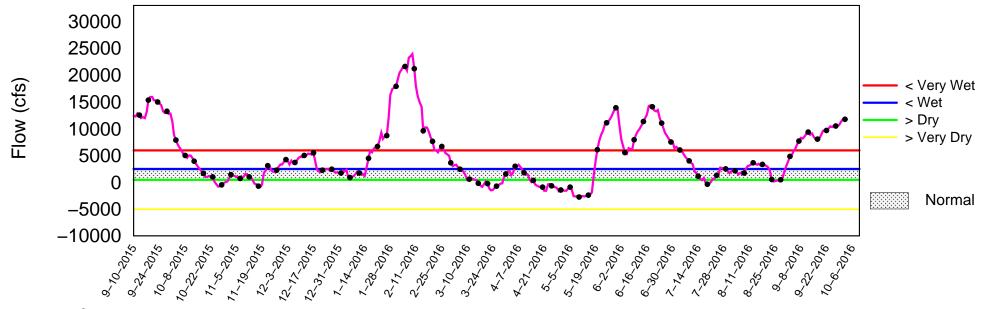


(See assumptions on the Position Analysis Results website)

# Tributary Basin Condition Indicators as of October 3 2016



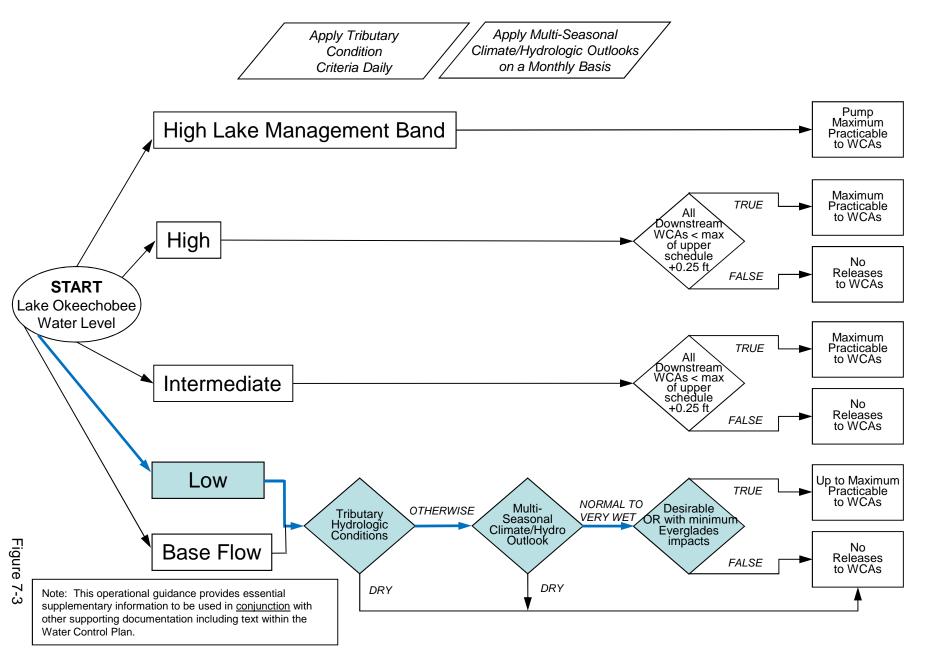
Lake Okeechobee Net Inflow (LONIN) 14-day Running Average



Mon Oct 03 17:45:13 EDT 2016

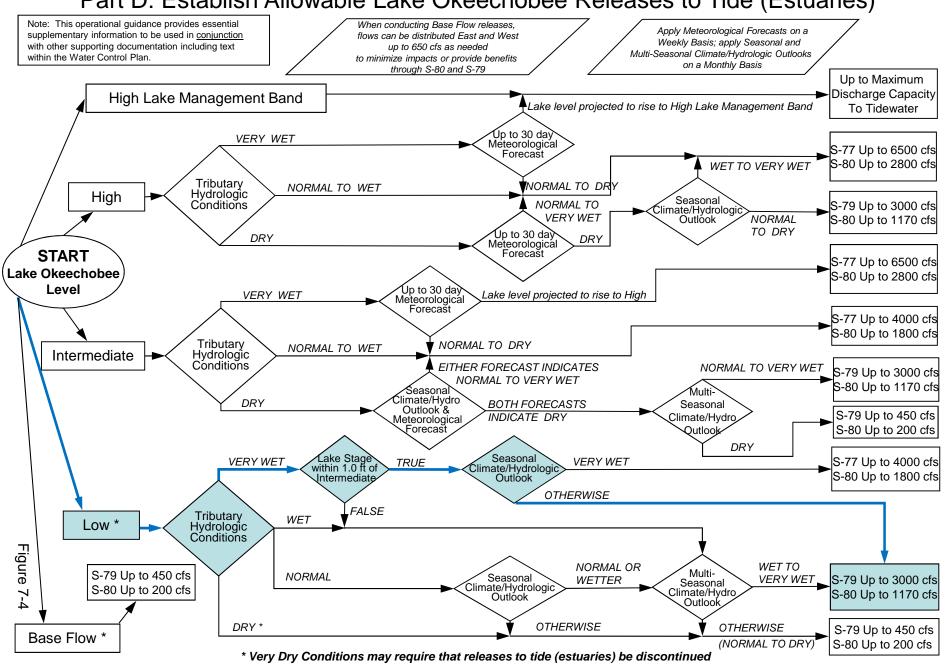
# **2008 LORS**

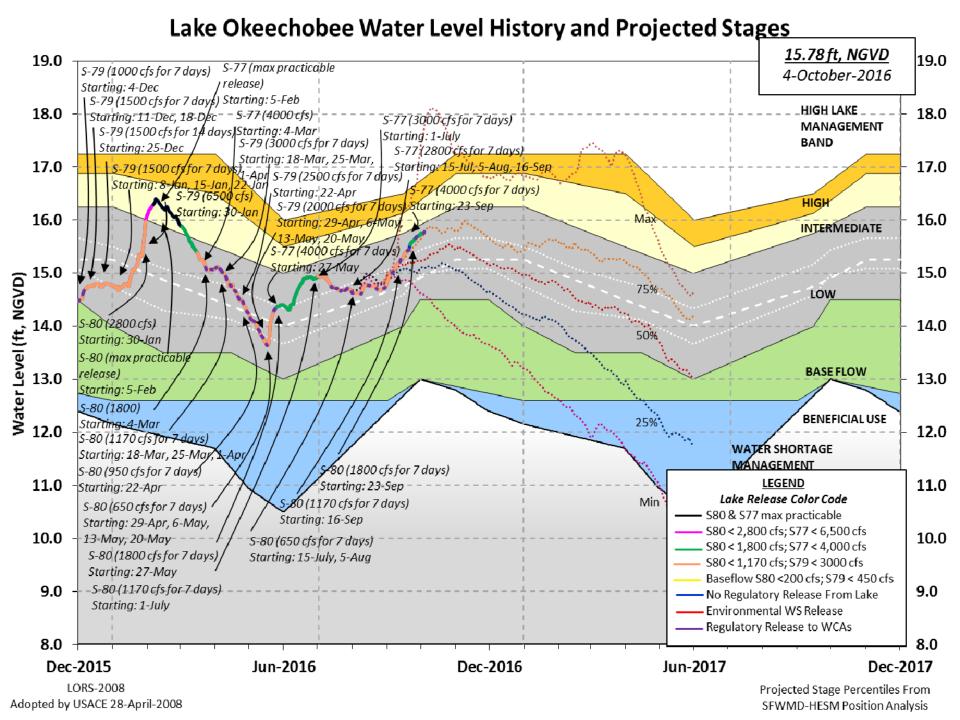
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



# **2008 LORS**

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





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Data Ending 2400 hours 02 OCT 2016

Okeechobee Lake	Regulation				
*Okeechobee La Bottom of High Currently in O	n Lake Mngmt:	n 15.76 = 16.77 Top	14. of Water S	VD) (ft-NGVD) 78 15.45 (Of hort Mngmt= 12.	
Simulated Aver Difference fro			13.81 1.95		
020CT (1965-20 Difference fro			_	.93 84	
Today Lake Oke stations	eechobee ele	vation is det	ermined fr	om the 4 Int &	4 Edge
	Depth (Based	on 2007 Chan	nel Condit	ion Survey) Rou	ite 1 ÷
7.90'	_	on 2008 Chan	nel Condit	ion Survey) Rou	ite 2 ÷
Bridge Clearar	nce = 48.97'				
-					
1 Interior and /	4 = 1 - 01 - 1	habaa Talaa Aa			
· TILCETIOT GIIG .	i Eage Okeec	nobee Lake Av	erage (Avg	-Daily values):	
	L006 LZ40	S4 S35	2 S308	S133	
L001 L005	L006 LZ40 15.78 15.7	S4 S35 7 15.83 15.	2 S308 88 15.70	S133 15.63	
L001 L005 15.62 15.86	L006 LZ40 15.78 15.7	S4 S35 7 15.83 15.	2 S308 88 15.70	\$133 15.63	
L001 L005 15.62 15.86 *Combination Ok	L006 LZ40 15.78 15.7 Reechobee A	S4 S35 7 15.83 15.	2 S308 88 15.70 Average =	S133 15.63 15.76 (*See Note)	
L001 L005 15.62 15.86  *Combination Ok  - Okeechobee Inflo	L006 LZ40 15.78 15.79  seechobee A	S4 S35 7 15.83 15. vg-Daily Lake	2 S308 88 15.70 Average =	S133 15.63 15.76 (*See Note)	1143
L001 L005 15.62 15.86  *Combination Ok  Combination Ok  Combination Ok  Section 100	L006 LZ40 15.78 15.79  seechobee A  bws (cfs): 4100 139	S4 S35 7 15.83 15. vg-Daily Lake	2 S308 88 15.70 Average =	S133 15.63  15.76 (*See Note)  Fisheating Cr S135 Pumps	1143 0
L001 L005 15.62 15.86  *Combination Ok  Combination Ok  Combination Ok  Section 100  Combination Ok  Combinati	L006 LZ40 15.78 15.79  Exception (cfs): 4100 139 1002	S4 S35 7 15.83 15. vg-Daily Lake C5 S191 S133 Pumps	2 S308 88 15.70 Average =	S133 15.63  15.76 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps	1143 0 0
L001 L005 15.62 15.86  *Combination Ok  Combination Ok  Combin	L006 LZ40 15.78 15.79  Exception (cfs): 4100 139 1002 804	S4 S35 7 15.83 15. vg-Daily Lake C5 S191 S133 Pumps S127 Pumps	2 S308 88 15.70 Average =	S133 15.63  15.76 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	1143 0 0 0
L001 L005 15.62 15.86  *Combination Ok  Combination Ok  Combin	L006 LZ40 15.78 15.79  Exception (cfs): 4100 139 1002 804 422	S4 S35 7 15.83 15. vg-Daily Lake C5 S191 S133 Pumps	2 S308 88 15.70 Average =	S133 15.63  15.76 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps	1143 0 0
L001 L005 15.62 15.86  *Combination Ok  Combination Ok  Combin	L006 LZ40 15.78 15.79  Exception (cfs): 4100 139 1002 804 422	S4 S35 7 15.83 15.  vg-Daily Lake  C5 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 88 15.70 Average =  -104 446 79 42 58	S133 15.63  15.76 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	1143 0 0 0
L001 L005 15.62 15.86  *Combination Ok  Combination Ok  Combination Ok  Combination Ok  S65E S154 S84 S84 S84 S871 S72 Cotal Inflows:	Dws (cfs): 4100 139 1002 804 422 189 8342	S4 S35 7 15.83 15.  vg-Daily Lake  C5 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 88 15.70 Average =  -104 446 79 42 58	S133 15.63  15.76 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	1143 0 0 0
L001 L005 15.62 15.86  *Combination Ok  Combination Ok  Combination Ok  S65E S154 S84 S84 S84X S71 S72 Cotal Inflows:	L006 LZ40 15.78 15.79  Exception And the second sec	S4 S35 7 15.83 15.  vg-Daily Lake  C5 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 88 15.70 Average =  -104 446 79 42 58	S133 15.63  15.76 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	1143 0 0 0
L001 L005 15.62 15.86  *Combination Ok  Combination Ok  Combination Ok  Combination Ok  S65E S154 S84 S84X S71 S72 Cotal Inflows:  Cokeechobee Outfl	L006 LZ40 15.78 15.7  Reechobee A  DWS (cfs): 4100 139 1002 804 422 189 8342  Lows (cfs): 0	S4 S35 7 15.83 15.  Vg-Daily Lake  C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 88 15.70 Average = -104 446 79 42 58 22	S133 15.63  15.76 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	1143 0 0 0 0
L001 L005 15.62 15.86  *Combination Ok  - Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outfl	L006 LZ40 15.78 15.7  Reechobee A  DWS (cfs): 4100 139 1002 804 422 189 8342  Lows (cfs): 0 0 0	S4 S35 7 15.83 15.  Vg-Daily Lake  C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 88 15.70 Average = -104 446 79 42 58 22	S133 15.63  15.76 (*See Note)  Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps S77	1143 0 0 0 0

\*\*\*\*\$77 Structure outflow is being used to compute Total Outflow.
\*\*\*\*\$308 Structure outflow is being used to compute Total Outflow.

Okeechobee Pan Evaporation (inches):

\$77 0.27 \$308 0.18

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

Lake Average Precipitation using NEXRAD: = 0.24" = 0.02'

Evaporation - Precipitation: = -0.07" = -0.01'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 1399 cfs into the lake.

Lake Okeechobee (Change in Storage) Flow is -2168 cfs or -4300 AC-FT

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

	Headwater	Tailwater				Gat	te Pos	sition	ns	
#8	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6	#7
(ft)	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
(20)		( I	) see 1	note at	bott	om				
North East S	hore									
S133 Pumps S193:	: 13.35	15.56	79	0	30	0	54	0	(cfs	s)
S191:	18.96	15.56	446	0.9	0.5	1.0				
S135 Pumps	: 13.58	15.58	0	0	0	0	0		(cfs	3)
S135 Culve	rts:		0	0.0	0.0					
North West S	hore									
S65E:	21.12	15.51	4100	1.9	1.9	1.9	1.9	2.0	2.0	
S127 Pumps	: 13.41	15.74	42	-NR-	50	0	0	0	(cfs	3)
S127 Culve	rt:		0	0.0						
S129 Pumps	: 12.92	15.77	58	0	42	12			(cfs	s )
S129 Culve	rt:		0	0.0						
S131 Pumps	: 12.87	15.74	22	30	0				(cfs	; )
S131 Culve			0						(	,
_, ,										
Fisheating nr Palmd		32.97	1112							
nr Paima nr Lakep		34.97	1143							
C5:		 15.78 -	-104	53 5	5 2 5	5 3				
	13.70	13.70	-01	3.3						
South Shore										
S4 Pumps:	12.70	15.86	0	0	0	0			(cfs	3)
S169:	15.47	12.68	118	0.0	0.5	0.0				

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15.93
S3 Pumps: 9.86
S354:
           9.86 15.97
15.97 9.86
9.67 15.89
15.89 9.67
                                    0 0 0
                              0
                                                         (cfs)
                              0
                                    0.0 0.0
          9.67
                              0 0
 S2 Pumps:
                                                        (cfs)
                    9.67 0 0.0 0.0
10.36 211 0.2 0.2
 S351:
 S352:
           15.97
 C10A:
            -NR-
                    14.14
                                   0.0 0.0 3.0 0.0 0.0
 L8 Canal PT
                     13.96
                             126
                S351 and S352 Temporary Pumps/S354 Spillway
 S351:
             9.67
                     15.89
                              0 -NR--NR--NR--NR--NR-
 S352:
            10.36
                     15.97
                             211 -NR--NR--NR--NR-
             9.86
 S354:
                     15.97
                             0 -NR--NR--NR-
Caloosahatchee River (S77, S78, S79)
 S47B: 13.20 11.31
                                   1.4 1.5
 S47D:
            10.92
                    10.89
                            123 6.0
 S77:
   Spillway and Sector Flow:
           15.52 11.18
                             3839 0.0 5.5 5.5 3.0
   Flow Due to Lockages+:
                              4
                           6190
 S77 Below USGS Flow Gage
 S78:
   Spillway and Sector Flow:
            10.71 3.39
                             6318 4.0 4.0 6.0 6.0
   Flow Due to Lockages+:
                             8
 S79:
   Spillway and Sector Flow:
             -NR- -NR-
                            -NR- -NR- -NR- -NR- -NR- -NR- -NR- -
NR-
   Flow Due to Lockages+:
                             -NR-
   Percent of flow from S77
                             -NR-%
                             -N
   Chloride
                   (mqq)
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Flow:
            15.71 14.53 2188 -NR- -NR- -NR- -NR-
   Flow Due to Lockages+:
                             -NR-
 S308 Below USGS Flow Gage 1981
          19.18 14.30
 S153:
                             25 0.1 0.0
 S80:
   Spillway and Sector Flow:
            13.59 2.09
                             1794 0.0 1.9 1.9 0.0 1.9 1.9 0.0
   Flow Due to Lockages+:
                             12
   Percent of flow from S308
                             122%
 Steele Point Top Salinity (mg/ml) ****
 Steele Point Bottom Salinity (mg/ml) ****
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Speedy Point Top Salinity (mg/ml) 3053 Speedy Point Bottom Salinity (mg/ml) 3223

+ 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
aily Precipitation Totals	1-Day	3-Day	7-Day	Directio	on
peed	(inches)	(inches)	(inches)	(Dega)	
mph)	(IIICIICD)	(Inches)	(Inches)	(DCgb)	
S133 Pump Station:	-NR-	0.00	0.00		
S193:	-NR-		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	0.04	3.39	69	2
S78:	0.05	0.07	3.11	53	1
S79:	-NR-	0.00	0.00	-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:	0.03	0.03	0.72	55	0
S80:	0.02	0.47	0.51	102	1
Okeechobee Average	0.02	0.01	0.32		
(Sites S78, S79 and					
Oke Nexrad Basin Avg	0.24	0.65	1.77		

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Okeechobee Lake Elevations	02 OCT 2016	15.76 Difference from
02OCT16		
020CT16 - 1 Day =	01 OCT 2016	15.77 0.01
020CT16 - 2 Days =	30 SEP 2016	15.75 -0.01
020CT16 -3 Days =	29 SEP 2016	15.72 -0.04
020CT16 - 4 Days =	28 SEP 2016	15.71 -0.05
020CT16 - 5 Days =	27 SEP 2016	15.69 -0.07
020CT16 -6 Days =	26 SEP 2016	15.69 -0.07
020CT16 - 7 Days =	25 SEP 2016	15.66 -0.10
020CT16 - 30 Days =	02 SEP 2016	14.97 -0.79
020CT16 -1 Year =	02 OCT 2015	14.78 -0.98
020CT16 - 2 Year =	02 OCT 2014	15.45 -0.31

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

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# Lake Okeechobee Net Inflow (LONIN) ge Flow over the previous 14 days | Avg-Daily Flow

	Average	Flow ov	er the	previous	14 days	Avg-Daily Flow
020CT16	Today =	02 OCT	2016	11793	MON	6339
020CT16	-1 Day =	01 OCT	2016	11854	SUN	12565
020CT16	-2 Days =	30 SEP	2016	11349	SAT	14828
020CT16	-3 Days =	29 SEP	2016	10783	FRI	11300
020CT16	-4 Days =	28 SEP	2016	10506	THU	12947
020CT16	-5 Days =	27 SEP	2016	10527	WED	8785
020CT16	-6 Days =	26 SEP	2016	10571	TUE	12793
020CT16	-7 Days =	25 SEP	2016	10371	MON	7491
020CT16	-8 Days =	24 SEP	2016	10433	SUN	11918
020CT16	-9 Days =	23 SEP	2016	10047	SAT	11171
020CT16	-10 Days =	22 SEP	2016	9675	FRI	10505
020CT16	-11 Days =	21 SEP	2016	9725	THU	10649
020CT16	-12 Days =	20 SEP	2016	9616	WED	18556
020CT16	-13 Days =	19 SEP	2016	8798	TUE	15261

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					50	105			
				Average	Flow	over	previous	14 days	Avg-Daily Flow
020CT16		Today	<u>/</u> =	02	OCT	2016	5580	MON	4292
020CT16	-1	Day	=	01	OCT	2016	5650	SUN	4731
020CT16	-2	Days	=	30	SEP	2016	5697	SAT	5336
020CT16	-3	Days	=	29	SEP	2016	5725	FRI	5350
020CT16	-4	Days	=	28	SEP	2016	5730	THU	5458
020CT16	-5	Days	=	27	SEP	2016	5745	WED	5495
020CT16	-6	Days	=	26	SEP	2016	5730	TUE	5533
020CT16	-7	Days	=	25	SEP	2016	5737	MON	5665
020CT16	-8	Days	=	24	SEP	2016	5719	SUN	6042
020CT16	-9	Days	=	23	SEP	2016	5662	SAT	6140
020CT16	-10	Days	=	22	SEP	2016	5556	FRI	6098
020CT16	-11	Days	=	21	SEP	2016	5398	THU	6371
020CT16	-12	Days	=	20	SEP	2016	5213	WED	5979
020CT16	-13	Days	=	19	SEP	2016	5059	TUE	5632

Lake Okeechobee Outlets Last 14 Days

			S-77	Below S-77	S-78	S-79
			Discharge	Discharge	Discharge	Discharge
			(ALL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
02	OCT	2016	7620	12274	12544	-NR-
01	OCT	2016	7692	12228	12816	-NR-
30	SEP	2016	6617	11468	13725	-NR-
29	SEP	2016	6156	12111	11867	-NR-
28	SEP	2016	7081	10739	9633	-NR-
27	SEP	2016	7589	10784	8891	-NR-
26	SEP	2016	6963	9228	7411	-NR-
25	SEP	2016	7148	5928	7493	11158
24	SEP	2016	7811	8885	8956	10532
23	SEP	2016	7612	9071	7800	9783
22	SEP	2016	5770	8036	6591	9367
21	SEP	2016	5830	7206	6540	10459
20	SEP	2016	5601	5871	6424	11031

	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)
02 OCT 201	.6 –8	0	418	0	250
01 OCT 201	.6 –37	0	0	0	248
30 SEP 201	.6 –9	0	0	0	234
29 SEP 201	.6 32	0	12	0	249
28 SEP 201	.6 16	0	103	0	264
27 SEP 201	.6 18	0	250	0	261
26 SEP 201	.6 14	0	16	0	249
25 SEP 201	.6 27	0	5	0	277
24 SEP 201	.6 144	0	56	0	289
23 SEP 201	.6 11	0	0	0	285
22 SEP 201	.6 7	0	252	0	276
21 SEP 201	.6 1	0	242	0	268
20 SEP 201	.6 –26	0	101	0	187
19 SEP 201	.6 9	0	0	0	-12
	S-308	Below S-308	S-80		
	Discharge	Discharge	Discharge		
DATE	Discharge	Discharge	Discharge (ALL-DAY) (AC-FT)		
DATE 02 OCT 201	Discharge (ALL DAY) (AC-FT)	Discharge (ALL-DAY) (AC-FT) 3927	Discharge (ALL-DAY)		
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19 SEP 2016 5768 5666 6085 11724

\*\*\* 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

<sup>\*</sup> 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

<sup>10</sup> 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.

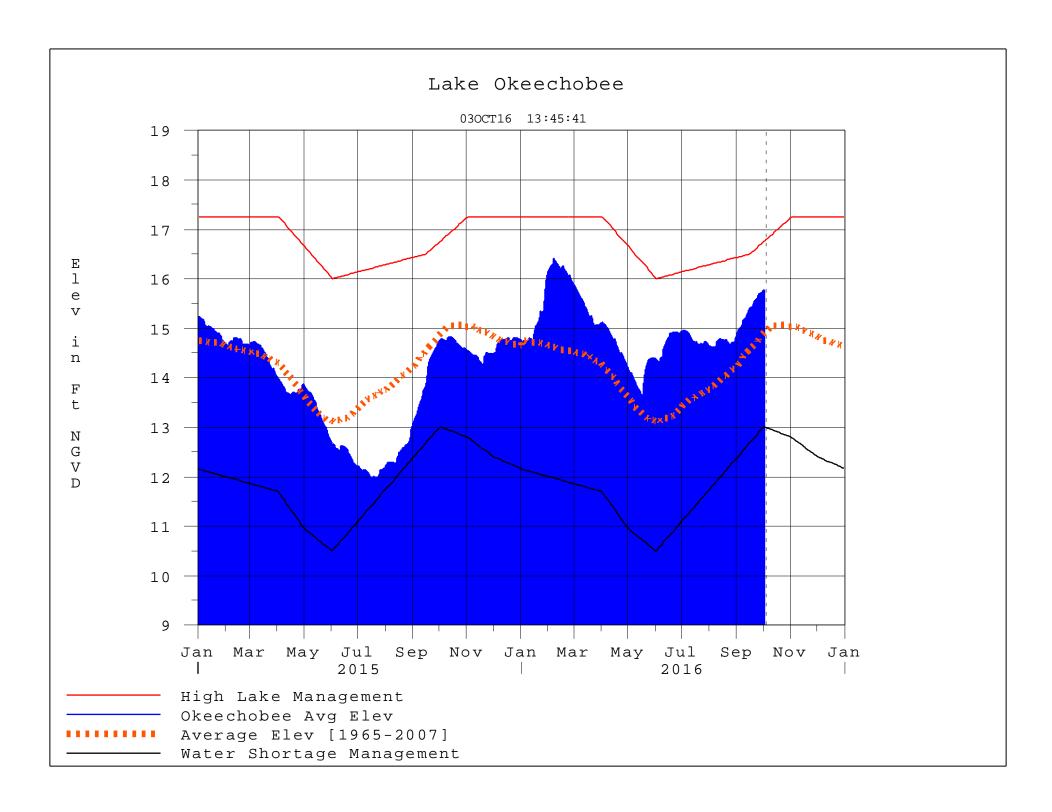
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 03OCT2016 @ 13:40 \*\* 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

<sup>\*</sup> 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

<sup>\*\*</sup>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

<sup>\*\*</sup>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

<sup>\*</sup> Corresponds to Table 7-6 in the Lake Okeechobee Water Control Plan

**Under Construction**