# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 3/14/2016 (El Nino 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 El Nino years<sup>3</sup> and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with El Nino 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>		Em	FWMD npirical ethod <sup>2</sup>	El Nir	ampling of no ENSO ears <sup>3</sup>	Sub-sampling of AMO Warm + El Nino ENSO Years <sup>4</sup>		
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	
Current (Mar- Aug)	N/A	N/A	1.38	Normal	1.37	Normal	2.22	Very Wet	
Multi Seasonal (Mar- Oct)	N/A	N/A	2.49	Normal	2.70	Wet	4.29	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:**

**646 cfs** 14-day running average for Lake Okeechobee Net Inflow through 3/14/2016. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

#### **1.15** for Palmer Index on 3/13/2016.

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 3/14/2016

Lake Okeechobee Stage: 15.44 feet

**USACE** Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob	ee Management	Bottom Elevation	Current
Zone	Band Band	(feet, NGVD)	Lake Stage
High Lake Manage	amont Rand	17.25	
Tilgit Lake Mallagi		17.25	
	High sub-band	16.58	
Operational Band	Intermediate sub-band	15.65	
	Low sub-band	13.50	← 15.44
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	11.79	
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 3/14/2016 (ENSO El Nino Condition):

#### Water Supply Department Technical Input

#### Water Supply Outlook:

District wide, Raindar rainfall 0.04 inches for the week ending 3/14/2016. Lake stage on 3/14/2016 is 15.44 ft, down 0.24 ft from last week.

The updated March 2016 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 Operational Sub-Band.

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

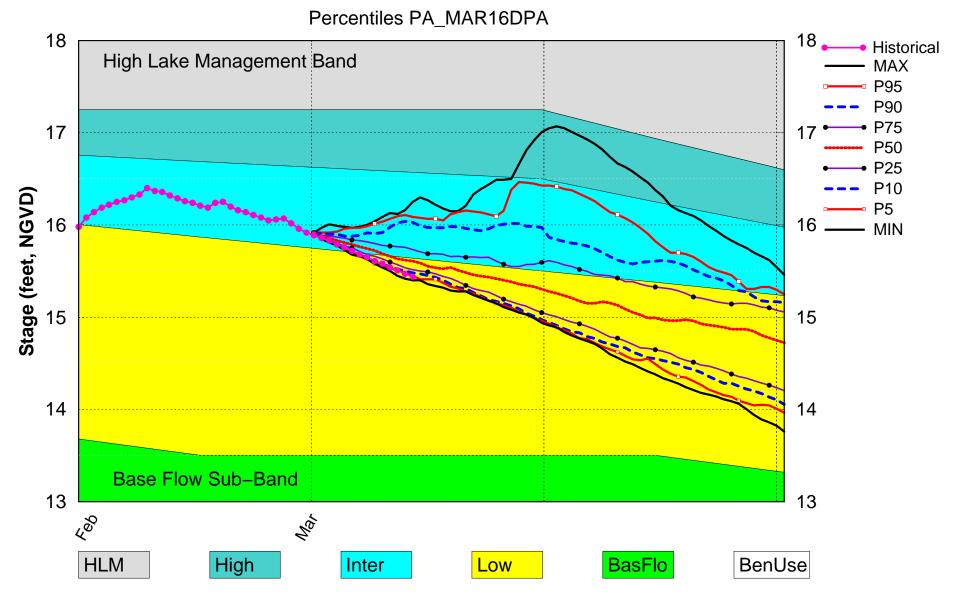
Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Low Flow Sub-Band	M
LOK	Palmer Index for LOK Tributary Conditions	1.15 (Normal)	L
	CPC Precipitation Outlook	1 month: Above Normal	L
	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Forecast  AMO warm/El Nino	1.37 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Forecast	2.70 ft (Normal)	M
WCAs	AMO warm/El Nino WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.52 ft)	L
	WCA 2A: Site 2-17 HW	Above Line1 (12.39 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (11.17 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 for classifying the tributary hydrologic condition (THC).

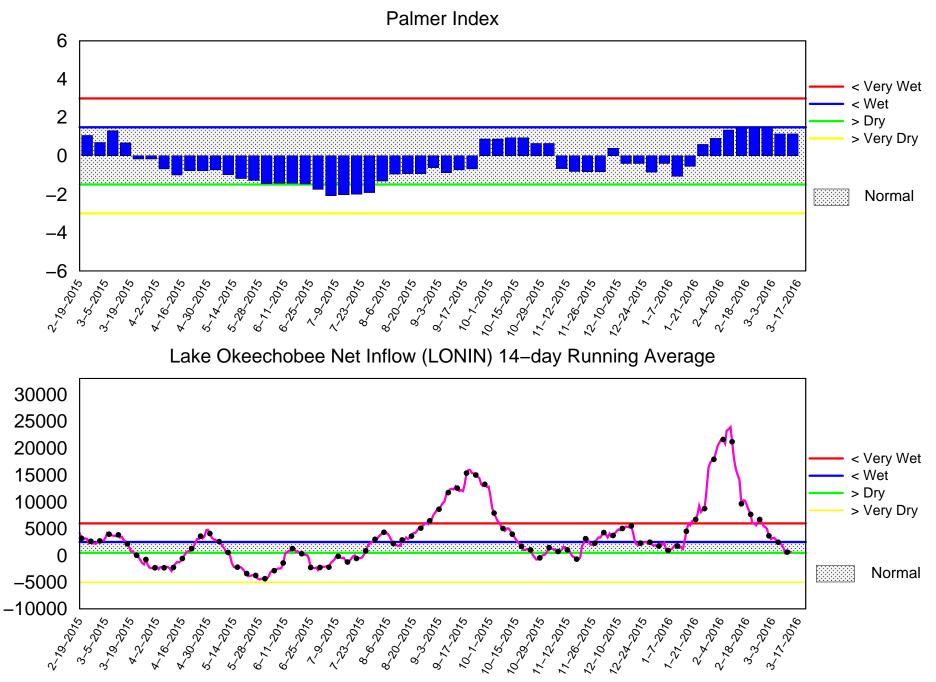
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# Lake Okeechobee SFWMM Mar 2016 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

# Tributary Basin Condition Indicators as of March 14 2016

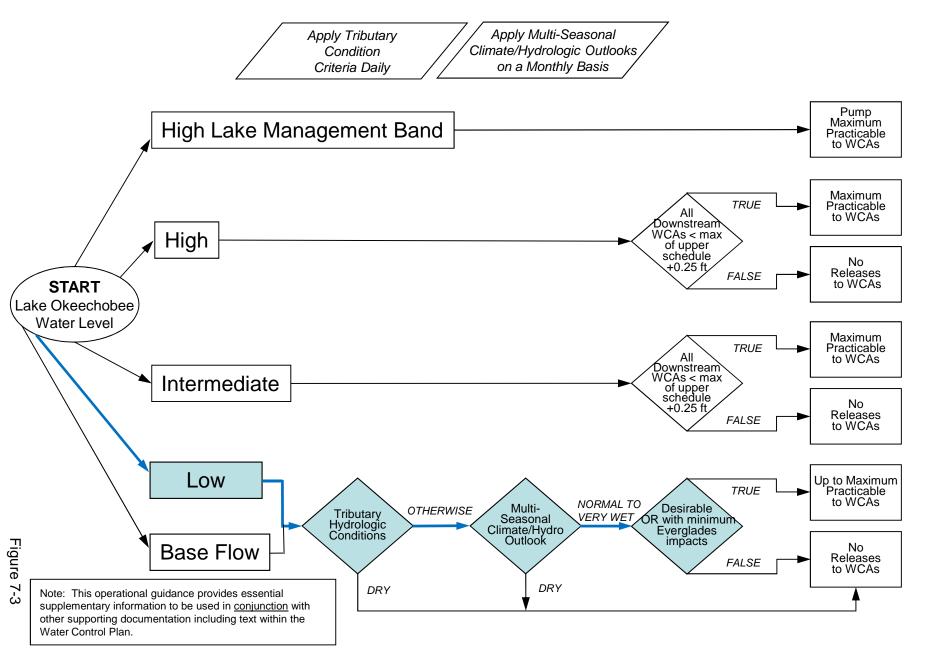


Mon Mar 14 11:00:46 2016

Flow (cfs)

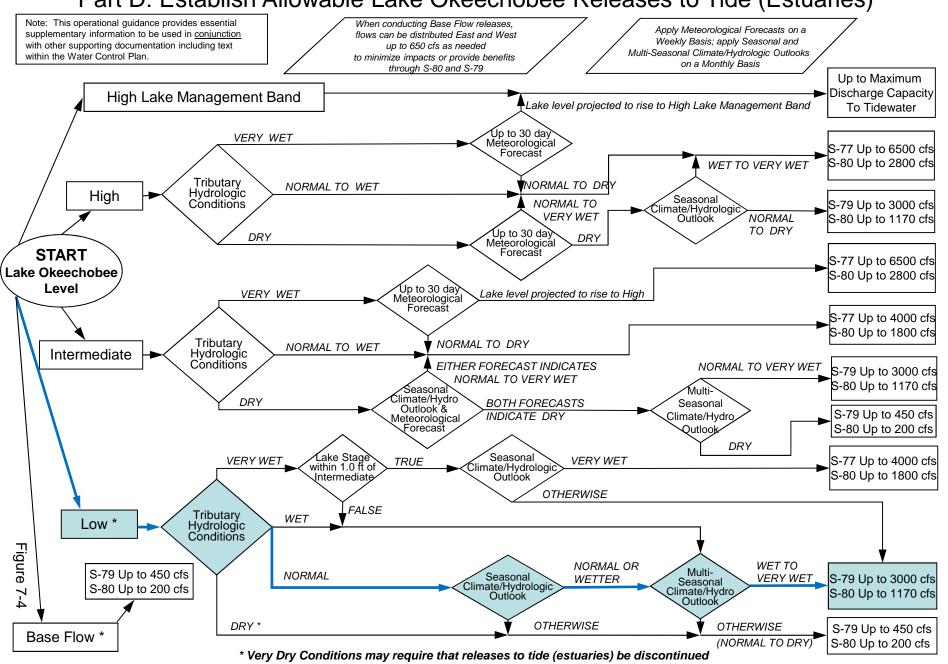
# **2008 LORS**

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



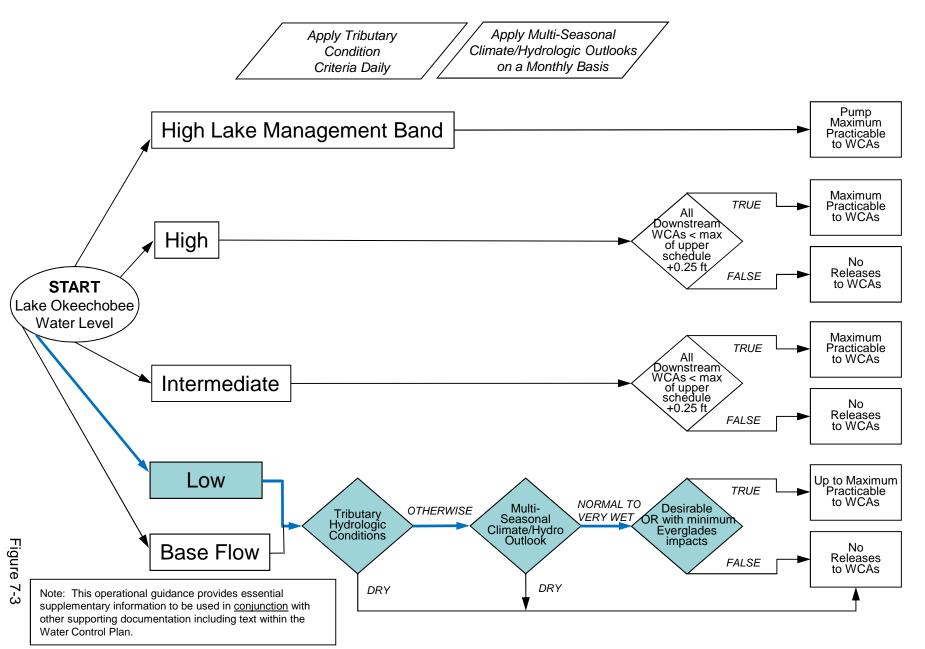
# **2008 LORS**

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



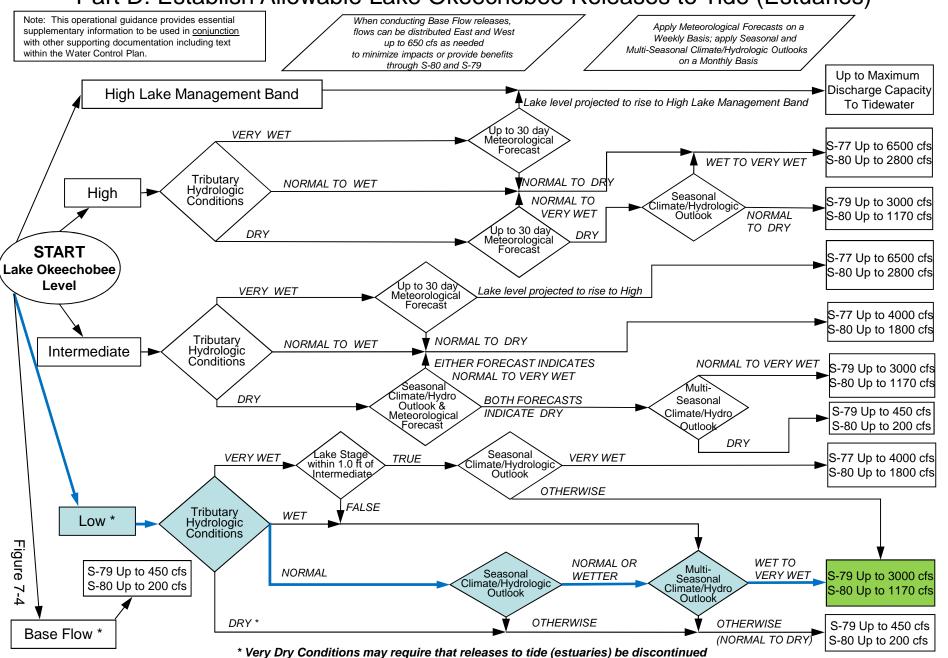
# 2008 LORS FORECAST

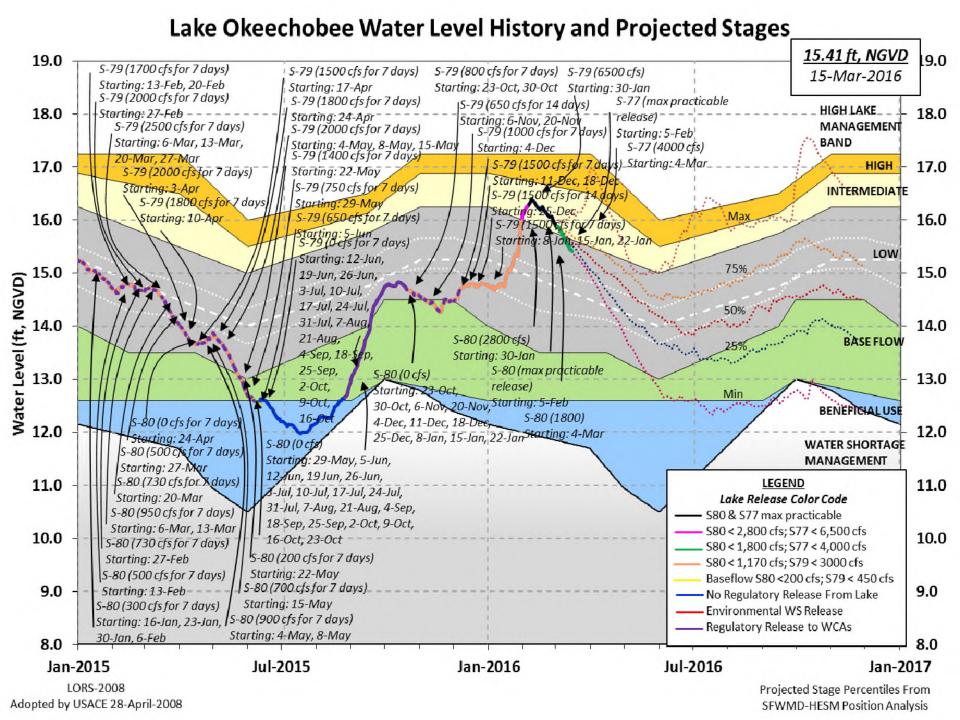
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



# 2008 LORS FORECAST

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





#### 

Data Ending 2400 hours 13 MAR 2016

Okeechobee Lake Regulation Elevation (ft-NGVD)  *Okeechobee Lake Elevation 15.44  Bottom of High Lake Mngmt= 17.25 Top of Currently in Operational Management Band Simulated Average LORS2008 [1965-2000]  Difference from Average LORS2008	(ft-NGVE 14.60 Water Sho 1	(ft-NGVD) 13.78 (Off	
Bottom of High Lake Mngmt= 17.25 Top of Currently in Operational Management Band Simulated Average LORS2008 [1965-2000]	Water Sho		
<del>-</del>			'9
	2.21		
13MAR (1965-2007) Period of Record Avera Difference from POR Average	age 14.4 0.99	-	
Today Lake Okeechobee elevation is deterstations	mined from	the 4 Int & 4	Edge
++Navigation Depth (Based on 2007 Channe	el Conditio	n Survey) Rout	e 1 ÷
9.38' ++Navigation Depth (Based on 2008 Channe 7.58'	el Conditio	n Survey) Rout	.e 2 ÷
Bridge Clearance = 49.22'			
_			
A Tutanian and A Dilus Observation Tales Trans	/ <b>7 .</b> .	\- <del>! ] ] \</del>	
4 Interior and 4 Edge Okeechobee Lake Aver	age (Avg-L	ally values):	
L001 L005 L006 LZ40 S4 S352	S308 S	3133	
15.36 15.51 15.43 15.40 15.40 15.56	5 15.40 1	.5.47	
*Combination Okeechobee Avg-Daily Lake A	Average =	15.44	
00	_	*See Note)	
_			
Okeechobee Inflows (cfs):			
\- <del></del> -/			
S65E 780 C5		Fisheating Cr	228
S65E       780       C5         S154       0       S191	0	S135 Pumps	0
S65E       780       C5         S154       0       S191         S84       0       S133 Pumps	0 0	S135 Pumps S2 Pumps	0
S65E       780       C5         S154       0       S191         S84       0       S133 Pumps         S84X       266       S127 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps	0 0 0
S65E       780       C5         S154       0       S191         S84       0       S133 Pumps         S84X       266       S127 Pumps         S71       0       S129 Pumps	0 0 0 0	S135 Pumps S2 Pumps	0
S65E       780       C5         S154       0       S191         S84       0       S133 Pumps         S84X       266       S127 Pumps         S71       0       S129 Pumps         S72       0       S131 Pumps	0 0 0	S135 Pumps S2 Pumps S3 Pumps	0 0 0
S65E       780       C5         S154       0       S191         S84       0       S133 Pumps         S84X       266       S127 Pumps         S71       0       S129 Pumps         S72       0       S131 Pumps	0 0 0 0	S135 Pumps S2 Pumps S3 Pumps	0 0 0
S65E       780       C5         S154       0       S191         S84       0       S133 Pumps         S84X       266       S127 Pumps         S71       0       S129 Pumps         S72       0       S131 Pumps         Total Inflows:       1144	0 0 0 0	S135 Pumps S2 Pumps S3 Pumps	0 0 0
S65E       780       C5         S154       0       S191         S84       0       S133 Pumps         S84X       266       S127 Pumps         S71       0       S129 Pumps         S72       0       S131 Pumps         Total Inflows:       1144    Okeechobee Outflows (cfs):	0 0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
S65E       780       C5         S154       0       S191         S84       0       S133 Pumps         S84X       266       S127 Pumps         S71       0       S129 Pumps         S72       0       S131 Pumps         Total Inflows:       1144         Okeechobee Outflows (cfs):         S135 Culverts       0       S354	0 0 0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0
S65E       780       C5         S154       0       S191         S84       0       S133 Pumps         S84X       266       S127 Pumps         S71       0       S129 Pumps         S72       0       S131 Pumps         Total Inflows:       1144         Okeechobee Outflows (cfs):         S135 Culverts       0       S354	0 0 0 0	S135 Pumps S2 Pumps S3 Pumps S4 Pumps	0 0 0 0

S131 Culverts -NR- L8 Canal Pt 172 S308Below 1490

(USED)

Total Outflows: 6877

\*\*\*\*S77 Structure outflow is being used to compute Total Outflow.

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

Okeechobee Pan Evaporation (inches):

S77 0.19 S308 0.19

Average Pan Evap x 0.75 Pan Coefficient = 0.14" = 0.01'

Lake Average Precipitation using NEXRAD: = 0.01" = 0.00'

Evaporation - Precipitation: = 0.13" = 0.01'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 2601 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -6504 cfs or -12900 AC-FT

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

	Headwater	Gate Positions							· –		
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6	#7	
#8 (ft)	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	
(IC)		(I	) see n	ote at	bott	tom					
North East S	hore										
S133 Pumps	: 13 65	15 48	0	Ω	Ω	0	0	Ω	(cf	ສ )	

S133 Pumps:	13.65	15.48	0	0	0	0	0	0	(cfs)
S193:									
S191:	18.30	15.48	0	0.0	0.0	0.0			
S135 Pumps:		-NR-	0	0	0	0	0		(cfs)

S135 Culverts: 0 -NR- -NR-

North West Shore

S65E:	21.05	15.12	780	0.0	0.5	0.5	0.5	0.5	0.0
S127 Pumps:	13.58	15.46	0	0	0	0	0	0	(cfs)

S127 Culvert: 0 0.0

S129 Pumps: 13.06 15.44 0 0 0 0 (cfs) S129 Culvert: 0 0.0

S131 Pumps: 12.94 15.41 0 0 0 (cfs)

S131 Culvert: -NR-

Fisheating Creek

nr Palmdale 31.35 228

nr Lakeport \_\_\_\_\_ C5: 15.31 15.39 -130 7.9 0.0 8.0

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South Shore

      S4 Pumps:
      11.32
      15.36
      0
      0
      0
      0

      S169:
      14.91
      11.31
      0
      0.0
      0.0
      0.0

                                                              (cfs)
 S4 1... _
S169:
 S310: 15.34 17
S3 Pumps: 11.01 15.40 0 0 0
S354: 15.40 11.01 418 0.2 0.4
S2 Pumps: 11.02 15.44 0 0 0
S351: 15.44 11.02 791 1.0 1.4 1
                                        0 0 0
                                                                (cfs)
            15.44 11.02 791 1.0 1.4
15.56 10.57 109 0.1 0.2
-NR- 13.71 000 0
                                       0 0 0 0
                                                               (cfs)
                                      1.0 1.4 1.2
 S352:
 C10A:
                                      0.0 0.0 3.0 0.0 0.0
 L8 Canal PT
                 S351 and S352 Temporary Pumps/S354 Spillway
                      15.44
                                791 -NR--NR--NR--NR--NR-
 S351:
              11.02
 S352:
             10.57
 S354:
             11.01
Caloosahatchee River (S77, S78, S79)
 S47B: 12.89 11.11
                                      0.0 0.0
                      11.16 19 5.0
 S47D:
             11.18
 S77:
   Spillway and Sector Flow:
              14.93 11.32 3897 4.0 4.0 4.0 4.0
   Flow Due to Lockages+:
 S77 Below USGS Flow Gage 3897
 S78:
   Spillway and Sector Flow:
             10.93 3.37 3317 2.0 3.0 3.0 2.5
   Flow Due to Lockages+:
                                14
 S79:
   Spillway and Sector Flow:
     3.36 1.50 4068 2.0 2.0 2.0 2.0 2.0 2.0 2.0
2.0
                                  7
   Flow Due to Lockages+:
                              99%
   Percent of flow from S77
                     (ppm) 48
   Chloride
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Flow:
             15.42 14.28
                                1490 2.5 3.0 3.0 2.5
   Flow Due to Lockages+:
                                3
                               1490
 S308 Below USGS Flow Gage
 S153: 18.93 14.08
                                0 0.0 0.0
 S80:
   Spillway and Sector Flow:
             13.66 0.70 2010 1.4 1.4 1.4 0.0 1.4 1.4 0.0
   Flow Due to Lockages+:
                                 26
   Percent of flow from S308 101%
```

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

Speedy Point Top Salinity (mg/ml) 3148
Speedy Point Bottom Salinity (mg/ml) 3941
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+ 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	s) (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-	0.03	0.03		
S77:	0.00	0.00	0.00	197	1
S78:	0.00	0.00	0.00	91	2
S79:	0.00	0.00	0.00	221	2
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:	*****	*****	*****	183	7
S80:	0.00	0.00	0.96	224	2
Okeechobee Average	*****	5869.08	*****		
(Sites S78, S79 and	S80 not	included)			
Oke Nexrad Basin Avg	0.01	0.01	0.01		

eechobee Lake Elevations	13 MAR 2016	15.44 Diffe	rence from
3MAR16			
13MAR16 - 1 Day =	12 MAR 2016	15.47	0.03
13MAR16 - 2 Days =	11 MAR 2016	15.51	0.07
13MAR16 - 3 Days =	10 MAR 2016	15.54	0.10
13MAR16 - 4 Days =	09 MAR 2016	15.58	0.14
13MAR16 -5 Days =	08 MAR 2016	15.61	0.17
13MAR16 -6 Days =	07 MAR 2016	15.65	0.21
13MAR16 - 7 Days =	06 MAR 2016	15.68	0.24
13MAR16 - 30 Days =	12 FEB 2016	16.26	0.82
13MAR16 - 1 Year =	13 MAR 2015	14.60	-0.84
13MAR16 - 2 Year =	13 MAR 2014	13.78	-1.66

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_		L	ake (	Okeed	chobee	Net Inflo	ow (LONIN)	
	2	Average	Flov	v ove	er the	previous	14 days	Avg-Daily Flow
13MAR16	Today	=	13	MAR	2016	627	MON	373
13MAR16	-1 Day	=	12	MAR	2016	697	SUN	-1473
13MAR16	-2 Days	=	11	MAR	2016	584	SAT	1066
13MAR16	-3 Days	=	10	MAR	2016	410	FRI	-1015
13MAR16	-4 Days	=	09	MAR	2016	1291	THU	1470
13MAR16	-5 Days	=	80	MAR	2016	1965	WED	-1344
13MAR16	-6 Days	=	07	MAR	2016	2281	TUE	852
13MAR16	-7 Days	=	06	MAR	2016	2435	MON	-1946
13MAR16	-8 Days	=	05	MAR	2016	2790	SUN	-1898
13MAR16	-9 Days	=	04	MAR	2016	3151	SAT	1842
13MAR16	-10 Days	=	03	MAR	2016	3096	FRI	1765
13MAR16	-11 Days	=	02	MAR	2016	2864	THU	3409
13MAR16	-12 Days	=	01	MAR	2016	3555	WED	2541
13MAR16	-13 Days	=	29	FEB	2016	4957	TUE	3140

=

S65E
5031

				Average	Flov	v over	previous	14 days	Avg-Daily Flow
13MAR16		Today	<i>y</i> =	13	MAR	2016	2196	MON	780
13MAR16	-1	Day	=	12	MAR	2016	2408	SUN	555
13MAR16	-2	Days	=	11	MAR	2016	2643	SAT	1360
13MAR16	-3	Days	=	10	MAR	2016	2755	FRI	1563
13MAR16	-4	Days	=	09	MAR	2016	2898	THU	1952
13MAR16	-5	Days	=	08	MAR	2016	3004	WED	2151
13MAR16	-6	Days	=	07	MAR	2016	3053	TUE	2185
13MAR16	-7	Days	=	06	MAR	2016	3085	MON	2298
13MAR16	-8	Days	=	05	MAR	2016	3101	SUN	2696
13MAR16	-9	Days	=	04	MAR	2016	3087	SAT	2459
13MAR16	-10	Days	=	03	MAR	2016	3099	FRI	2414
13MAR16	-11	Days	=	02	MAR	2016	3145	THU	3265
13MAR16	-12	Days	=	01	MAR	2016	3147	WED	3373
13MAR16	-13	Days	=	29	FEB	2016	3169	TUE	3695
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\_ 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	:	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
13	MAR	2016			7729	-NR-	6606	8081
12	MAR	2016			7756	-NR-	6643	8129
11	MAR	2016			7850	-NR-	6727	8585
10	MAR	2016			8114	-NR-	6895	8976
09	MAR	2016			8163	-NR-	6861	9280
80	MAR	2016			8113	-NR-	6901	9358
07	MAR	2016			8025	-NR-	7216	9956
06	MAR	2016			7721	-NR-	6677	9627
05	MAR	2016			7599	-NR-	6305	8761
04	MAR	2016			8721	-NR-	7113	9315

02 01	MAR MAR	2016 2016 2016 2016			11331 11315 11720 12194	-NR- -NR- -NR- -NR-	9946 9899 10790 11506	12720 13102 13971 14865
	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)	
13	MAR	2016	34	1569	216	829	341	
12	MAR	2016	111	1892	339	922	328	
11	MAR	2016	161	2142	476	1069	326	
10	MAR	2016	159	2037	442	1025	316	
09	MAR	2016	151	2161	607	1188	320	
		2016		1650	351	656	335	
		2016		1456	541	758	341	
06	MAR	2016	162	1152	232	488	355	
05	MAR	2016	145	1263	355	391	356	
04	MAR	2016		1317	401	365	352	
03	MAR	2016	159	1220	40	292	362	
		2016		859	0	303	286	
		2016		0	0	0	88	
29	FEB	2016	28	0	333	0	35	
			S-308	Below S-308	3 S-80			
			Discharge	Discharge	Discharge	2		
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)			
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)			
13	MAR	2016		2954	2516			
12	MAR	2016		3038	2513			
11	MAR	2016		3147	2512			
10	MAR	2016		3249	2511			
09	MAR	2016		3372	2521			
		2016		3425	2528			
		2016		3466	2510			
06	MAR	2016		3390	2549			
		2016		3469	2538			
04	MAR	2016		5393	4358			

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

8150

8115

7423

8064

Gate Discharges from 0700 hrs to 2100 hrs.

2) Discharge (ALL DAY) is computed using Spillway, Sector Gate and  ${\it Lockages\ Discharges\ from\ 0015\ hrs\ to\ 2400\ hrs.}$ 

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

7453

6894

6128

6561

\* On 11 May 1999, Lake Okeechobee Elevation was switched from

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03 MAR 2016

02 MAR 2016

01 MAR 2016

29 FEB 2016

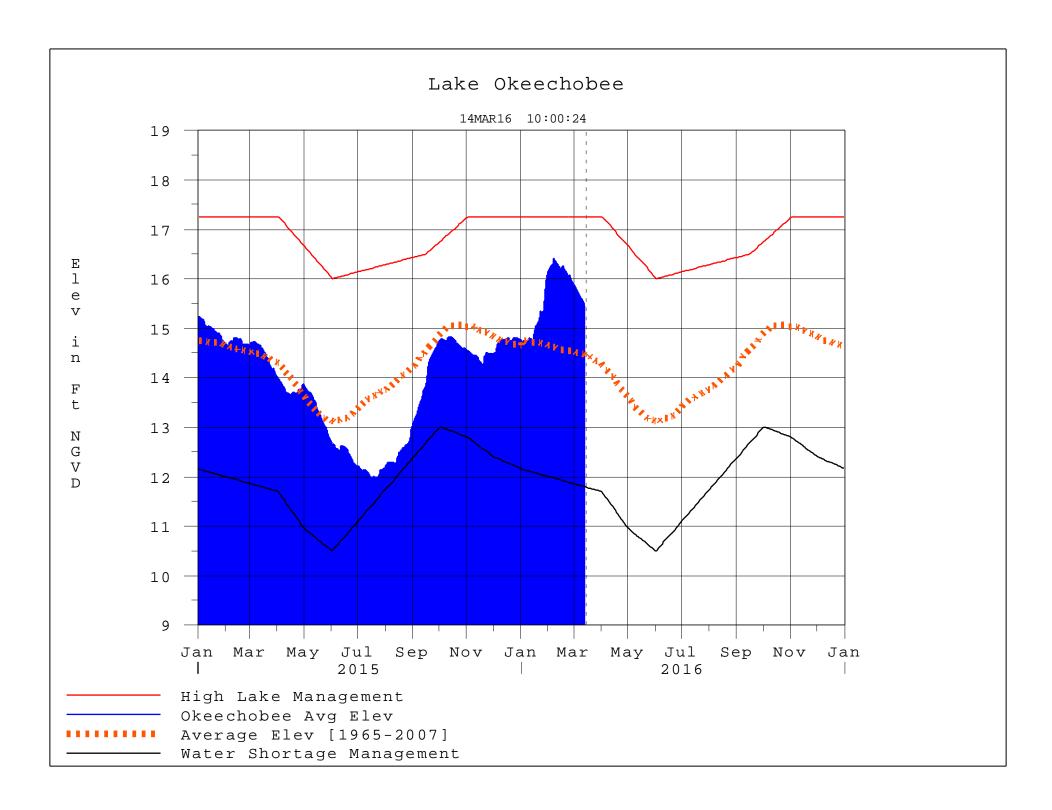
Instantaneous 2400 value to an average-daily lake average.

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 14MAR2016 @ 10:06 \*\* 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
	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

<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**