# Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 1/9/2016 (ENSO La Nina 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 La Nina 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>				Sub-sampling of La Nina ENSO Years <sup>3</sup>		AMO V Nina	ampling of Varm + La a ENSO ears <sup>4</sup>
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Jan- Jun)	N/A	N/A	0.34	Dry	0.27	Dry	0.25	Dry
Multi Seasonal (Jan-Oct)	N/A	N/A	2.51	Wet	2.93	Wet	2.20	Normal

<sup>\*</sup>Croley's Method Not Produced For This Report

See Seasonal and Multi-Seasonal 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:**

- **-2812 cfs** 14-day running average for Lake Okeechobee Net Inflow through 1/8/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-1.63** for Palmer Index on 1/7/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

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

# **LORS2008 Classification Tables:**

# Lake Okeechobee Stage on 1/8/2017

Lake Okeechobee Stage: 14.10 feet

**USACE** Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechobee Management		Bottom Elevation	Current
Zone	Zone/Band		Lake Stage
High Loke Money	amont Dand	17.25	
High Lake Manage	ement band	17.20	
	High sub-band	16.85	
Operational Band	Intermediate sub-band	16.19	
	Low sub-band	13.92	<b>←</b> 14.10
Base Flow sub-ba	nd	12.60	
Beneficial Use sub-band		12.11	
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-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

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## LORS2008 Implementation on 1/9/2017 (ENSO La Nina Condition):

#### Status for week ending 1/9/2017:

District wide, Raindar rainfall was 0.00 inches for the week. Lake stage on 1/9/2017 was 14.10 ft, down 0.16 ft from last week.

The updated January 2017 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 **Dry**. The PDSI indicates dry condition and the LONIN is Dry. The classification is based on the wetter of the two.

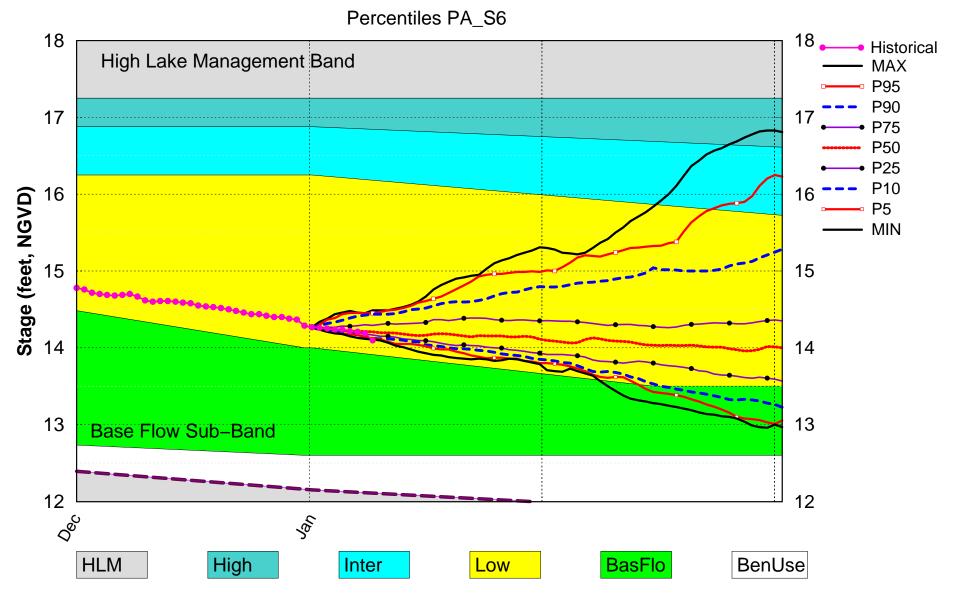
**Water Supply Risk Evaluation** 

-	Supply Kisk 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	-1.63 (Dry)	M
	CPC Precipitation Outlook	1 month: Below Normal	M
LOK	CFC Frecipitation Outlook	3 months: Below Normal	M
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	0.27 ft (Dry)	M
	LOK Multi-Seasonal Net Inflow Outlook	2.93 ft (Normal)	M
	ENSO La Nina Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.54 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line1 (12.11 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.81 ft)	L
	Service Area 1	Year-Round Irrigation Rule in effect	L
LEC	Service Area 2	Year-Round Irrigation Rule in effect	L
	Service Area 3	Year-Round Irrigation Rule in effect	L

Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

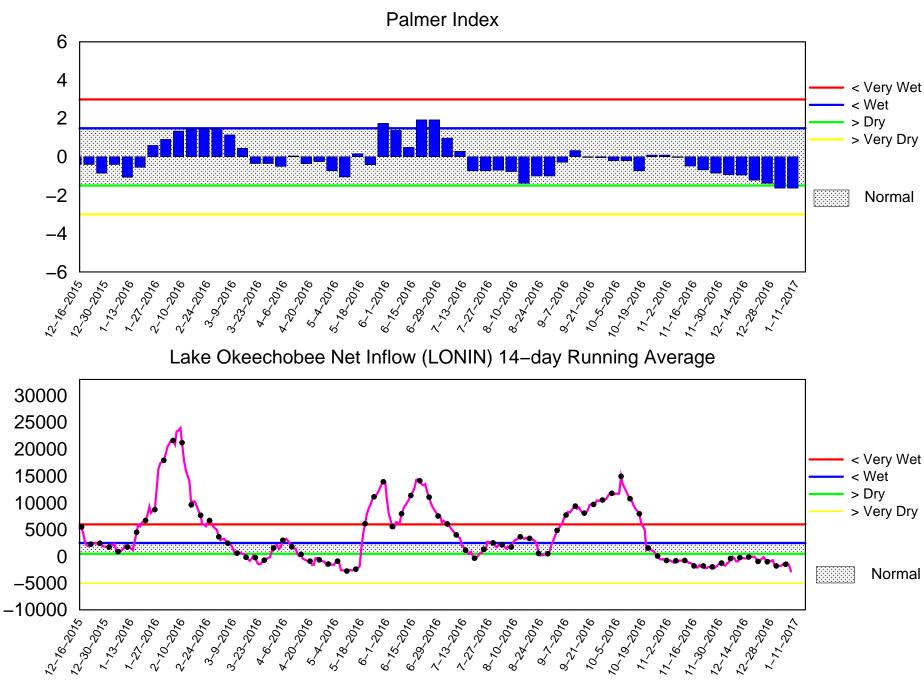
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# Lake Okeechobee SFWMM Jan 2017 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

# Tributary Basin Condition Indicators as of January 9 2017

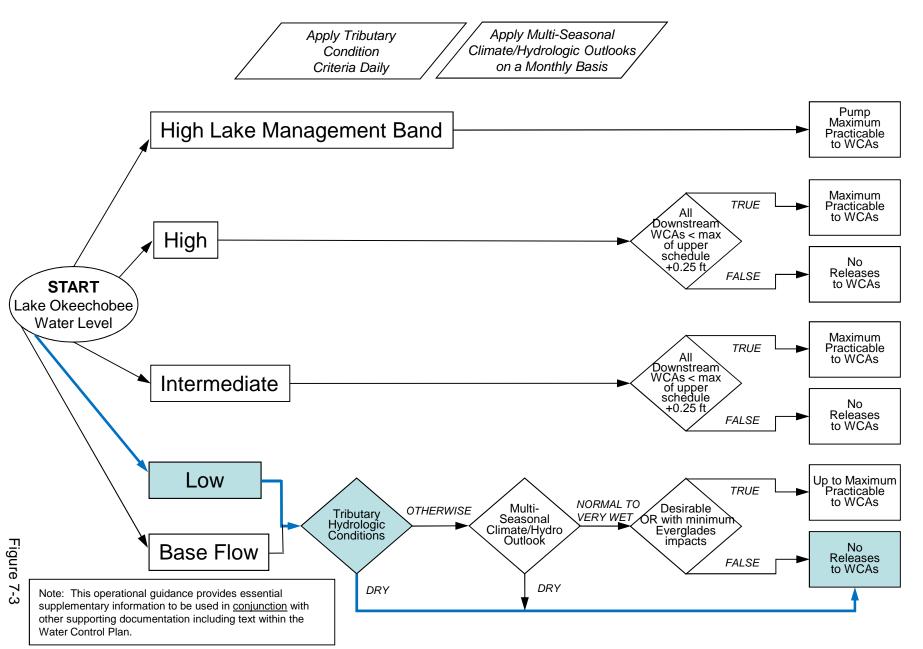


Mon Jan 09 15:14:16 EST 2017

-low (cfs)

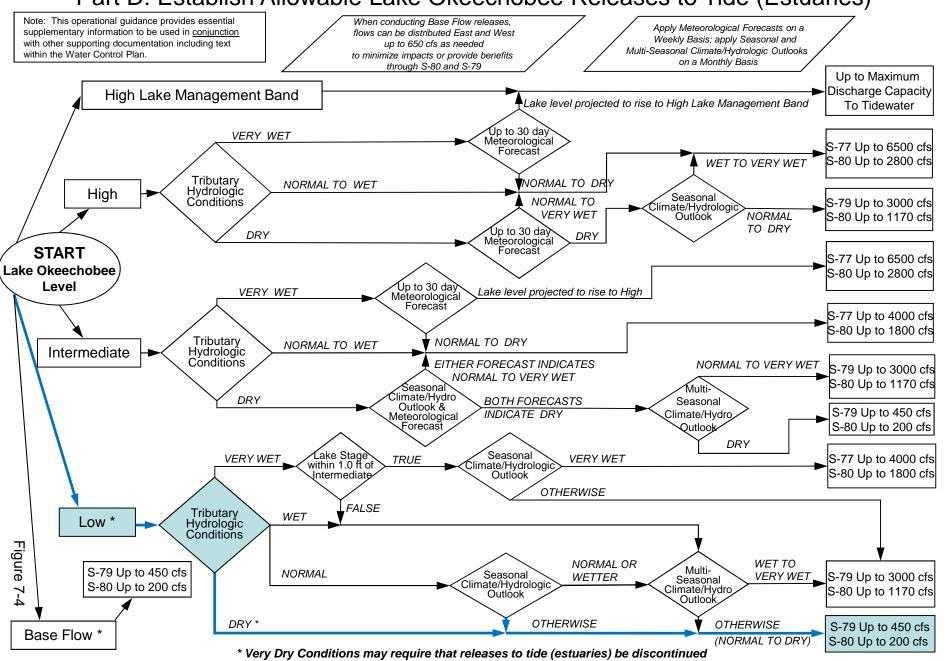
# **2008 LORS**

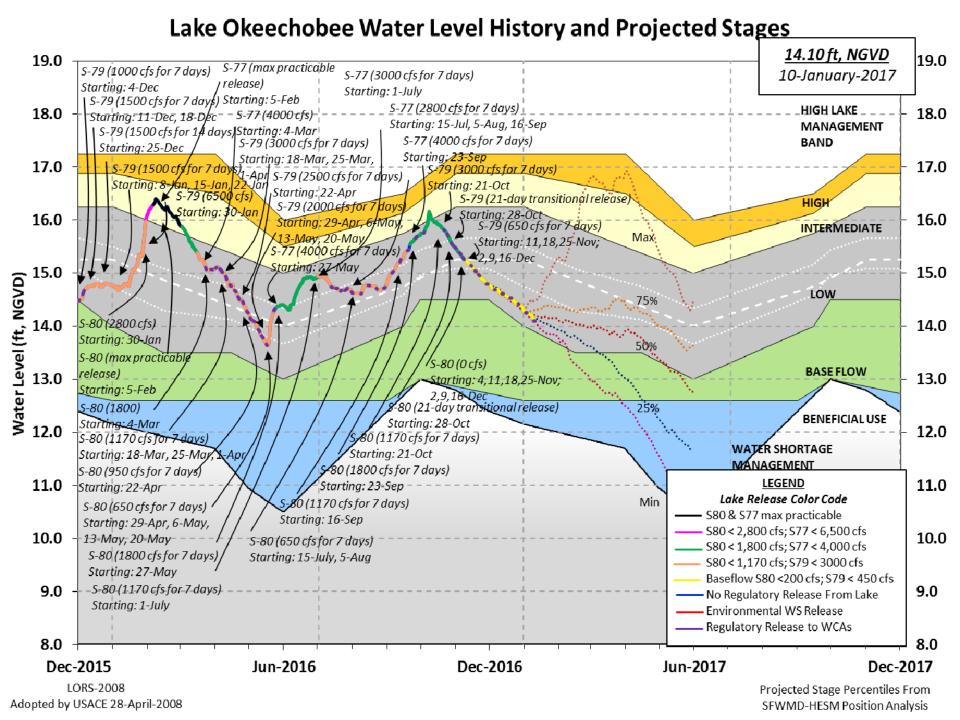
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



# **2008 LORS**

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





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Data Ending 2400 hours 08 JAN 2017

Okeechobee Lake I	Regulation		(ft-NGV	D) (ft-NGVD)	
*Okeechobee Lal Bottom of High Currently in Op	Lake Mngmt	t= 17.25 Top o	of Water Sho	4 15.07 (Of:	
Simulated Avera Difference from			13.60 0.50		
08JAN (1965-200 Difference from			rage 14.5	_	
Today Lake Okee stations	echobee ele	evation is dete	ermined from	m the 4 Int &	4 Edge
++Navigation De	epth (Based	d on 2007 Chanr	nel Conditio	on Survey) Rou	te 1 ÷
++Navigation De 5.24' Bridge Clearand			nel Conditio	on Survey) Rou	te 2 ÷
_					
4 Interior and 4	Edge Okeed	chobee Lake Ave	erage (Avg-1	Daily values):	
L001 L005 I 13.36 13.94 I	LZ40 14.51 14.2			S133 13.28	
*Combination Oke	eechobee A	Avg-Daily Lake	_	14.10 (*See Note)	
_					
Okeechobee Inflo	ws (cfs):				
S65E	333	C5	-85	Fisheating Cr	2
S154	0	S191	0	S135 Pumps	0
S84	0	S133 Pumps	0	S2 Pumps	0
S84X	141 0	S127 Pumps	0	S3 Pumps S4 Pumps	0 0
S71 S72	71	S129 Pumps S131 Pumps	0 0	S4 Pullips	U
Cotal Inflows:	462	SISI Fumps	O		
Okeechobee Outflo	ows (cfs):				
S135 Culverts	0	S354	221	S77	567
S127 Culverts	0	S351	43	S77Below	508
S129 Culverts	0	S352	103	S308	-0
S131 Culverts Total Outflows:	0 1218	L8 Canal Pt	285	S308Below	-49

Evaporation - Precipitation using Lake Area of 730 square miles is equal to 2061 cfs out of the lake.

Lake Okeechobee (Change in Storage) Flow is -19511 cfs or -38700 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
#0 (ft)	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
(10)		(I	) see n	ote at	bott	om				
North East S	hore									
S133 Pumps S193:	: 13.38	13.43	0	0	0	0	0	0	(cfs	)
S191:	18.07	13.43	0	0.0	0.0	0.0				
S135 Pumps	: 13.03	13.69	0	0	0	0	0		(cfs	)
S135 Culve	rts:		0	0.0	0.0					
North West S	hore									
S65E:	21.12	13.12	333	0.2	0.6	0.0	0.0	0.3	0.2	
S127 Pumps	: 13.08	13.55	0	0	0	0	0		(cfs	)
S127 Culve			0	0.0						
S129 Pumps S129 Culve		13.94	0 0	0 -NR-	0	0			(cfs	)
S131 Pumps S131 Culve		13.91	0 0	0	0				(cfs	)
Fisheating nr Palmd nr Lakep	ale	28.17	2							
C5:	14.07	14.16	-85	5.3 5	5.3 5	5.3				
South Shore										
S4 Pumps:	11.09	14.77	0	0	0	0			(cfs	)
S169:	14.82	11.09	0	0.0	0.0	0.0				

```
S310: 14.70 36
S3 Pumps: 10.97 15.03 0 0 0 0 0
S354: 15.03 10.97 221 0.6 0.6
S2 Pumps: 10.69 15.02 0 0 0 0 0 (cfs)
S351: 15.02 10.69 43 0.0 0.1 0.0
C352: 14.40 10.84 103 0.1 0.1
T4.22 0.0 8.0 8.0 8.0 8.0
                 S351 and S352 Temporary Pumps/S354 Spillway
                        S351:
               10.69
                                   43 -NR--NR--NR--NR--NR-
  S352:
               10.84
  S354:
              10.97
Caloosahatchee River (S77, S78, S79)
S47B: 13.10 10.96 0.0 0.0
  S47D:
                        11.00 90 6.0
              11.02
  S77:
   Spillway and Sector Flow:
             14.29 11.12 562 0.0 0.0 2.5 0.0
   Flow Due to Lockages+:
                                    5
  S77 Below USGS Flow Gage
                                  508
  S78:
   Spillway and Sector Flow:
               10.88 3.05 580 0.5 0.0 0.0 1.2
   Flow Due to Lockages+:
  S79:
    Spillway and Sector Flow:
               2.96  0.18  621  0.0  0.0  0.0  0.0  0.0  0.5
0.0
    Flow Due to Lockages+:
   Flow Due to Lockages+: 1
Percent of flow from S77 9
Chloride (ppm) 60
                                    10
                                   90%
St. Lucie Canal (S308, S80)
  S308:
    Spillway and Sector Flow:
               13.96 14.16 0 0.0 0.0 0.0 0.0 Lockages+: -0
   Flow Due to Lockages+:
  S308 Below USGS Flow Gage -49
S153: 18.65 13.95 0
                                    0 0.0 0.0
  S80:
    Spillway and Sector Flow:
                                  0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
              -NR- -NR-
    Flow Due to Lockages+: -NR-
   Percent of flow from S308 NA %
  Steele Point Top Salinity (mg/ml) ****
  Steele Point Bottom Salinity (mg/ml) ****
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Speedy Point Top Salinity (mg/ml) ****
Speedy Point Bottom Salinity (mg/ml) ****
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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
peed	(inches)	(inches)	(inches)	(Dega)	
mph)	(11101100)	( 11101100 )	( 11101102 )	(2052)	
S133 Pump Station:	-NR-	0.00	0.00		
S193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-	0.00	0.00		
S135 Pump Station:	-NR-	0.00	0.00		
S127 Pump Station:	-NR-	0.00	0.00		
S129 Pump Station:	-NR-	0.00	0.00		
S131 Pump Station:	-NR-	0.00	0.00		
S77:	0.00	0.15	0.23	40	4
S78:	0.00	0.16	0.23	1	5
S79:	0.00	0.28	0.44	338	5
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	0.01	60	5
S80:	0.00	0.00	0.00	-NR-	-NR-
Okeechobee Average	0.00	0.01	0.02		
(Sites S78, S79 and	S80 not inc	:luded)			
Oke Nexrad Basin Avg	0.00	0.09	0.23		

- Okeechobee Lake Elevations	08 JAN 2017	14.10 Differ	ence from
08JAN17			
08JAN17 -1 Day =	07 JAN 2017	14.19	0.09
08JAN17 -2 Days =	06 JAN 2017	14.21	0.11
08JAN17 -3 Days =	05 JAN 2017	14.22	0.12
08JAN17 -4 Days =	04 JAN 2017	14.24	0.14
08JAN17 -5 Days =	03 JAN 2017	14.24	0.14
08JAN17 -6 Days =	02 JAN 2017	14.25	0.15
08JAN17 -7 Days =	01 JAN 2017	14.26	0.16
08JAN17 -30 Days =	09 DEC 2016	14.62	0.52
08JAN17 -1 Year =	08 JAN 2016	14.74	0.64
08JAN17 - 2 Year =	08 JAN 2015	15.07	0.97

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

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#### Lake Okeechobee Net Inflow (LONIN)

	Average	Flow	over the	previous	14 days	Avg-Daily Flow
08JAN17 Tod	ay =	08 J	AN 2017	-3415	MON	-18410
08JAN17 -1 Da	<i>y</i> =	07 J	AN 2017	-2076	SUN	-2377
08JAN17 -2 Da	ys =	06 J	AN 2017	-1726	SAT	-239
08JAN17 -3 Dag	ys =	05 J	AN 2017	-1861	FRI	-2358
08JAN17 -4 Dag	ys =	04 J	AN 2017	-1815	THU	-NR-
08JAN17 -5 Dag	ys =	03 J	AN 2017	-1806	WED	-NR-
08JAN17 -6 Dag	ys =	02 J	AN 2017	-1784	TUE	-139
08JAN17 -7 Dag	ys =	01 J	AN 2017	-1728	MON	37
08JAN17 -8 Dag	ys =	31 D	EC 2016	-1747	SUN	-2195
08JAN17 -9 Dag	ys =	30 D	EC 2016	-1608	SAT	-14397
08JAN17 -10 Da	ys =	29 D	EC 2016	-920	FRI	867
08JAN17 -11 Dag	ys =	28 D	EC 2016	-1058	THU	-1630
08JAN17 -12 Da	ys =	27 D	EC 2016	-1010	WED	2521
08JAN17 -13 Da	ys =	26 D	EC 2016	-1232	TUE	-2658

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	S6	5E		
	Average Flow	over previous	14 days	Avg-Daily Flow
08JAN17 Today=	08 JAN	2017 597	MON	397
08JAN17 - 1 Day =	07 JAN	2017 631	SUN	471
08JAN17 - 2 Days =	06 JAN	2017 659	SAT	437
08JAN17 - 3 Days =	05 JAN	2017 690	FRI	513
08JAN17 - 4 Days =	04 JAN	2017 720	THU	577
08JAN17 -5 Days =	03 JAN	2017 746	WED	592
08JAN17 -6 Days =	02 JAN	2017 769	TUE	593
08JAN17 - 7 Days =	01 JAN	2017 789	MON	598
08JAN17 - 8 Days =	31 DEC	2016 807	SUN	609
08JAN17 -9 Days =	30 DEC	2016 824	SAT	656
08JAN17 -10 Days =	29 DEC	2016 839	FRI	661
08JAN17 -11 Days =	28 DEC	2016 857	THU	676
08JAN17 -12 Days =	27 DEC	2016 875	WED	752
08JAN17 -13 Days =	26 DEC	2016 888	TUE	830

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	3	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
80	JAN	2017	1124	1007	1168	1252
07	JAN	2017	1100	1239	1142	2023
06	JAN	2017	1106	1077	918	1471
05	JAN	2017	1077	694	-NR-	659
04	JAN	2017	1346	-NR-	-NR-	1234
03	JAN	2017	1806	-NR-	1276	978
02	JAN	2017	1945	1851	1296	1447
01	JAN	2017	2233	2187	1303	1610
31	DEC	2016	1796	1710	1066	1619
30	DEC	2016	1216	1144	602	1338
29	DEC	2016	1530	1522	606	538
28	DEC	2016	1990	1229	793	625
27	DEC	2016	1930	608	936	936

26	DEC	2016	1875	868	942	1518		
			S-310	S-351	S-352	S-354	L8 Canal Pt	
		]	Discharge	Discharge	Discharge	Discharge		
			(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)		
	DATE		(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
08		2017	72	85	204	323	564	
		2017		601	656	652	605	
		2017		752	801	567	529	
		2017	6	801	807	837	583	
		2017	-NR-	-NR-	1019	-NR-	-NR-	
03	JAN	2017	-NR-	-NR-	988	-NR-	-NR-	
		2017	29	520	274	672	550	
01	JAN	2017	70	543	145	658	538	
31	DEC	2016	49	571	268	666	559	
30	DEC	2016	167	1154	787	1323	581	
29	DEC	2016	127	1237	966	1575	619	
28	DEC	2016	74	1194	892	1172	622	
27	DEC	2016	-10	1561	773	1093	617	
26	DEC	2016	55	875	355	403	571	
			S-308	Below S-308	S-80			
		]	S-308 Discharge	Below S-308 Discharge	S-80 Discharge	9		
	DATE		Discharge	Discharge	Discharge			
08			Discharge (ALL DAY)	Discharge (ALL-DAY)	Discharge (ALL-DAY)			
	JAN	€	Discharge (ALL DAY) (AC-FT) -1	Discharge (ALL-DAY) (AC-FT)	Discharge (ALL-DAY (AC-FT)			
07	JAN JAN	E 2017	Discharge (ALL DAY) (AC-FT) -1 -1	Discharge (ALL-DAY) (AC-FT) -97	Discharge (ALL-DAY (AC-FT) -NR-			
07 06	JAN JAN JAN	E 2017 2017	Discharge (ALL DAY) (AC-FT) -1 -1	Discharge (ALL-DAY) (AC-FT) -97 31	Discharge (ALL-DAY (AC-FT) -NR- 24			
07 06 05	JAN JAN JAN JAN	2017 2017 2017 2017	Discharge (ALL DAY) (AC-FT) -1 -1 -0 -0	Discharge (ALL-DAY) (AC-FT) -97 31 -49	Discharge (ALL-DAY) (AC-FT) -NR- 24 43			
07 06 05 04	JAN JAN JAN JAN JAN	2017 2017 2017 2017 2017	Discharge (ALL DAY) (AC-FT) -1 -1 -0 0	Discharge (ALL-DAY) (AC-FT) -97 31 -49	Discharge (ALL-DAY) (AC-FT) -NR- 24 43 44			
07 06 05 04 03	JAN JAN JAN JAN JAN JAN	2017 2017 2017 2017 2017 2017	Discharge (ALL DAY) (AC-FT) -1 -1 -0 0 0	Discharge (ALL-DAY) (AC-FT) -97 31 -49 -144 -NR-	Discharge (ALL-DAY) (AC-FT) -NR- 24 43 44			
07 06 05 04 03 02	JAN JAN JAN JAN JAN JAN	2017 2017 2017 2017 2017 2017	Discharge (ALL DAY) (AC-FT) -1 -1 -0 0 0	Discharge (ALL-DAY) (AC-FT) -97 31 -49 -144 -NR- -NR- 57 200	Discharge (ALL-DAY) (AC-FT) -NR- 24 43 44 32 44 39			
07 06 05 04 03 02 01	JAN JAN JAN JAN JAN JAN JAN	2017 2017 2017 2017 2017 2017 2017	Discharge (ALL DAY) (AC-FT) -1 -1 -0 -0 0 0 -NR-	Discharge (ALL-DAY) (AC-FT) -97 31 -49 -144 -NR- -NR-	Discharge (ALL-DAY) (AC-FT) -NR- 24 43 44 32 44 39 31			
07 06 05 04 03 02 01 31	JAN JAN JAN JAN JAN JAN JAN JAN DEC	2017 2017 2017 2017 2017 2017 2017 2017	Discharge (ALL DAY) (AC-FT) -1 -1 -0 -0 0 -NR- 0	Discharge (ALL-DAY) (AC-FT) -97 31 -49 -144 -NR- -NR- 57 200	Discharge (ALL-DAY) (AC-FT) -NR- 24 43 44 32 44 39			
07 06 05 04 03 02 01 31 30 29	JAN JAN JAN JAN JAN JAN JAN DEC DEC DEC	2017 2017 2017 2017 2017 2017 2017 2017	Discharge (ALL DAY) (AC-FT) -1 -1 -0 -0 0 -NR- 0 0	Discharge (ALL-DAY) (AC-FT) -97 31 -49 -144 -NRNR- 57 200 273 53 -275	Discharge (ALL-DAY) (AC-FT) -NR- 24 43 44 32 44 39 31 30 23 63			
07 06 05 04 03 02 01 31 30 29	JAN JAN JAN JAN JAN JAN JAN DEC DEC DEC	2017 2017 2017 2017 2017 2017 2017 2017	Discharge (ALL DAY) (AC-FT) -1 -1 -0 -0 0 -NR- 0 -NRNRNR- 0	Discharge (ALL-DAY) (AC-FT) -97 31 -49 -144 -NRNR- 57 200 273 53 -275 56	Discharge (ALL-DAY) (AC-FT) -NR- 24 43 44 32 44 39 31 30 23 63 55			
07 06 05 04 03 02 01 31 30 29 28 27	JAN JAN JAN JAN JAN JAN JAN DEC DEC DEC DEC DEC	2017 2017 2017 2017 2017 2017 2017 2016 2016 2016 2016 2016	Discharge (ALL DAY) (AC-FT) -1 -1 -0 -0 0 -NR- 0 -NRNRNRNR- 0 450	Discharge (ALL-DAY) (AC-FT) -97 31 -49 -144 -NRNR- 57 200 273 53 -275 56 348	Discharge (ALL-DAY) (AC-FT) -NR- 24 43 44 32 44 39 31 30 23 63 55			
07 06 05 04 03 02 01 31 30 29 28 27	JAN JAN JAN JAN JAN JAN JAN DEC DEC DEC DEC DEC	2017 2017 2017 2017 2017 2017 2017 2017	Discharge (ALL DAY) (AC-FT) -1 -1 -0 -0 0 -NR- 0 -NRNRNR- 0	Discharge (ALL-DAY) (AC-FT) -97 31 -49 -144 -NRNR- 57 200 273 53 -275 56	Discharge (ALL-DAY) (AC-FT) -NR- 24 43 44 32 44 39 31 30 23 63 55			

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

and

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Lockages Discharges from 0015 hrs to 2400 hrs.

<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.

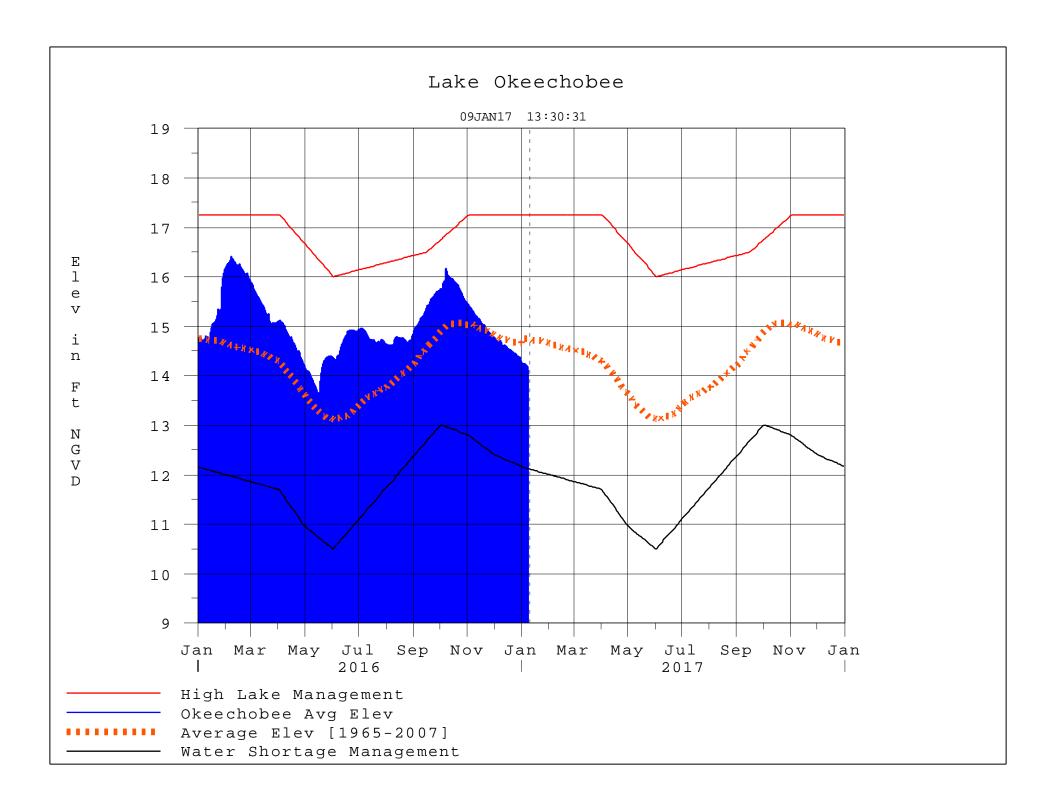
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 09JAN2017 @ 13:39 \*\* 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

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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**