Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 7/4/2016 (ENSO Neutral Condition)

Lake Okeechobee Net Inflow Outlook:

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method¹, the SFWMD empirical method², a sub-sampling of Neutral years³ and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with Neutral ENSO years⁴. The results for Croley's method and the SFWMD empirical method are based on the CPC Outlook.

Table of the Lake Okeechobee Net Inflow Outlooks in feet of equivalent depth. All methods are updated on a weekly basis with observed net inflow for the current month.

Season		roley's ethod ^{1*}	SFWMD Empirical Method ²		Neutr	ampling of ral ENSO ears ³	Sub-sampling of AMO Warm + Neutral ENSO Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Jul- Dec)	N/A	N/A	2.34	Very Wet	2.93	Very Wet	3.83	Very Wet
Multi Seasonal (Jul-Apr)	N/A	N/A	2.47	Normal	3.11	Wet	4.02	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:

6353 cfs 14-day running average for Lake Okeechobee Net Inflow through 7/3/2016. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

0.97 for Palmer Index on 7/2/2016.

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 7/4/2016

Lake Okeechobee Stage: 14.93 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob	ee Management	Bottom Elevation	Current
Zone	/Band	(feet, NGVD)	Lake Stage
Lligh Loke Meneg	ament Dand	16.16	
High Lake Manage	ement Band	16.16	
	High sub-band	15.70	
Operational Band	Intermediate sub-band	15.24	
	Low sub-band	13.32	← 14.93
Base Flow sub-ba	nd	12.60	
Beneficial Use sub	o-band	11.20	
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-77 up to 4000 cfs and S-80 up to 1800 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 7/4/2016 (ENSO Neutral Condition):

Status for week ending 7/5/2016:

District wide, Raindar rainfall was 1.75 inches for the week. Lake stage on 7/4/2016 was 14.93 ft, up 0.04 ft from last week.

The updated June 2016 SFWMM Dynamic Position Analysis <u>percentile graph</u> and <u>tracking chart</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 noraml condition and the LONIN is Very Wet. The classification is based on the wetter of the two.

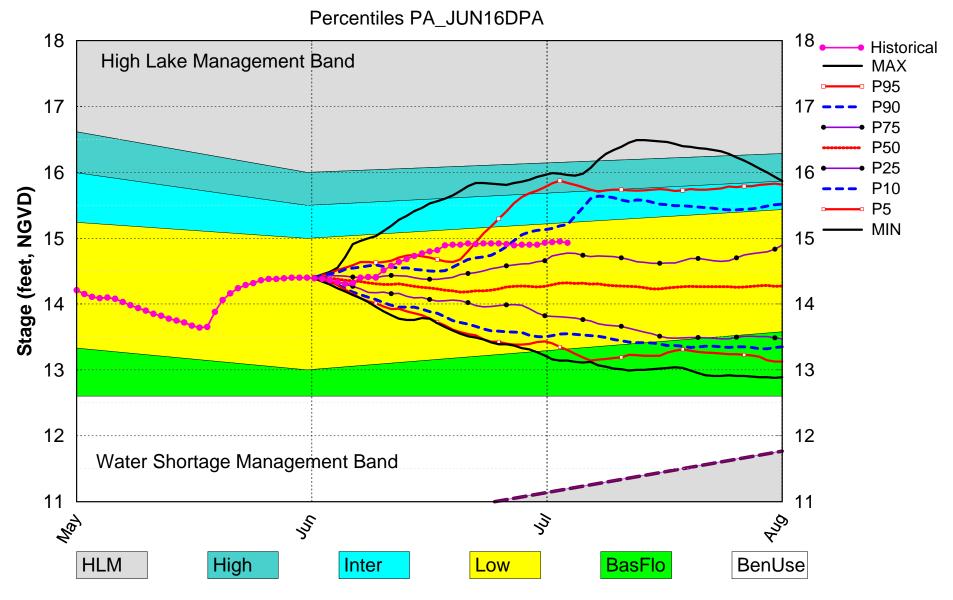
Water Supply Risk Evaluation

vvalei	Supply Risk 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	0.97 (Normal)	L
	CDC Procinitation Outlook	1 month: Above Normal	L
LOK	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Forecast ENSO Neutral Years	2.93 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Forecast ENSO Neutral Years	3.11 ft (Normal)	M
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.13 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line1 (12.03 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (9.90 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.

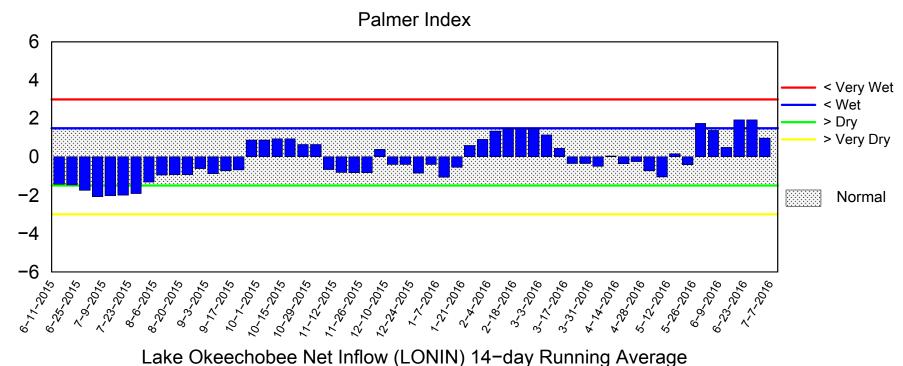
<u>Back to Lake Okeechobee Operations Main Page</u>
Back to U.S. Army Corps of Engineers LORSS Homepage

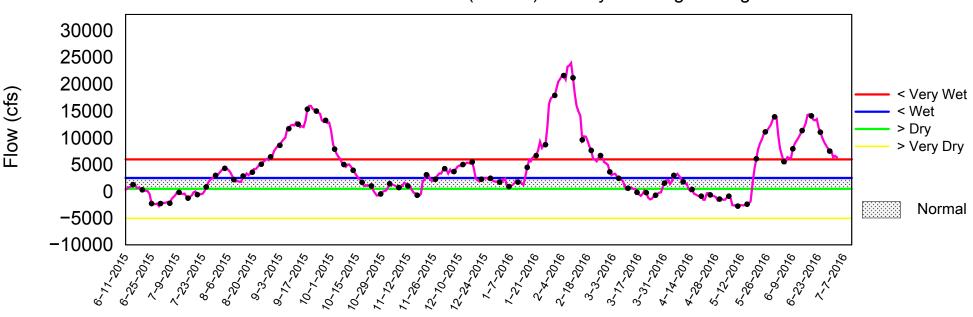
Lake Okeechobee SFWMM June 2016 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of July 4 2016

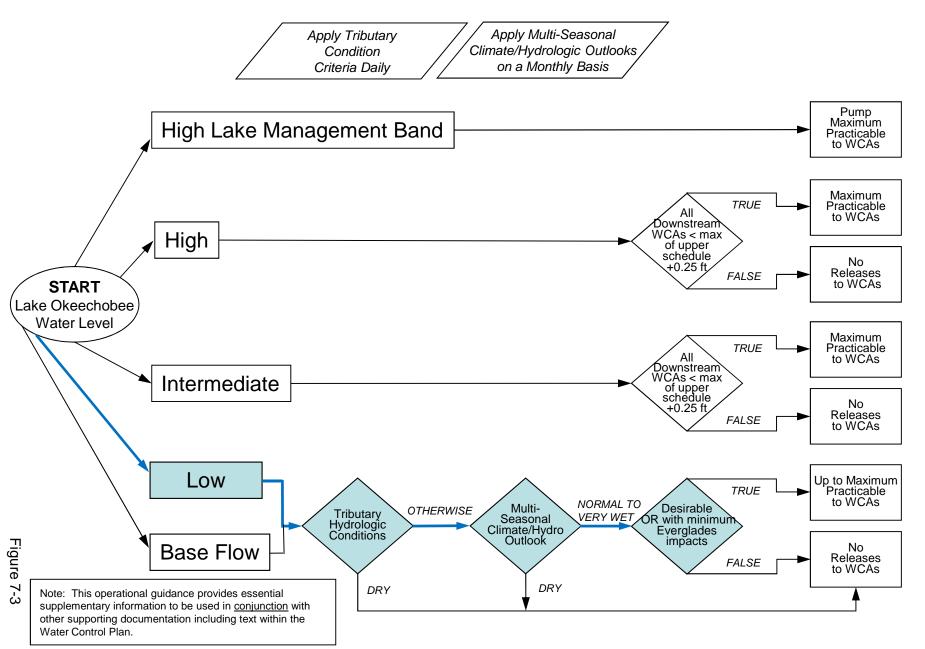




Tue Jul 05 09:12:40 EDT 2016

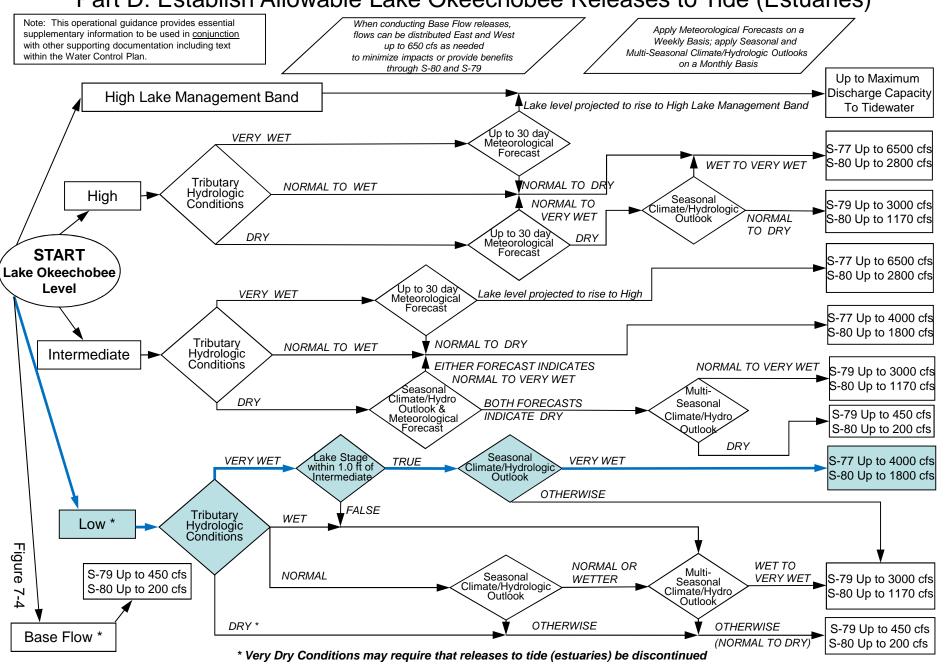
2008 LORS

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



2008 LORS

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



Lake Okeechobee Water Level History and Projected Stages 14.94 ft, NGVD 19.0 19.0 S-79 (3000 cfs for 7 days) S-79 (6500 cfs) S-79 (650 cfs for 7 days) 5-July-2016 S-79 (1500 cfs for 7 days) Starting: 18-Mar, 25-Mar, 1-Apr Starting: 30-Jan Starting: 5-Jun Starting: 8-Jan, 15-Jan, 22-Jan S-77 (max practicable) S-79 (2500 cfs for 7 days) S-79 (0 cfs for 7 days) S-79 (1500 cfs for 14 days) HIGH LAKE 18.0 18.0 release) Startina: 25-Dec Starting: 22-Apr Starting: 12-Jun, MANAGEMENT Starting: 5-Feb S-79 (1500 cfs for 7 days) 19¹Jun, 26-Jun, /S-77 (4000 cfs) BAND S-79 (2000 cfs for 7 days) Starting: 11 Dec. 18 Dec 3-Jul, 10-Jul, Starting: 4-Mar Starting: 29-Apr, 6-May, Max___ HIGH 17.0 17.0 S-79 (1000 cfs for 7 days) 17-Jul, 24-Jul, 13[⊥]May, 20-May Starting: 4-Dec 31-Jul, 7-Aug, INTERMEDIATE S-77 (4000 cfs for 7 days) S-79 (650 cfs for 14 days) 21-Aug. Starting: 27-May 16.0 4-Sep, 18-Sep, Starting: 6-Nov, 20-Nov 16.0 75% 25-Sep, S-79 (800 cfs for 7 days) LOW 2-Oct, Starting: 23-Oct, 30-Oct 9-0ct. 15.0 15.0 Water Level (ft, NGVD) 50% 16-0ct 25% 14.0 14.0 S-80 (2800 cfs) Starting: 30-Jan S-80 (1800 cfs for 7 days) **BASE FLOW** S-80 (max practicable 13.0 Starting: 27-May 13.0 S-80 (650 cfs for 7 days) Startina: 5-Feb Starting: 29-Apr, 6-May, **BENEFICIAL USE** 13-May, 20-May 12.0 12.0 5-80 (1800) S-80 (950 cfs for 7 days) WATER SHORTAGE Starting: 4-Mar S-80 (0 ets) Starting: 22-Ap MANAGEMENT Starting: 23-Oct, S-80 (1170 cfs for 7 days) LEGEND 11.0 30-Oct, 6-Nov, 20-Nov, 11.0 Starting: 18-Mar, 25-Mar, 1-Apr Lake Release Color Code , 4-Dec. 11-Dec. 18-Dec. S80 & S77 max practicable 25-Dec, 8-Jan, 15-Jan, 22-Jan S80 < 2,800 cfs; S77 < 6,500 cfs 10.0 10.0 S-80 (0 cfs) S80 < 1,800 cfs; S77 < 4,000 cfs Starting: 29-May, 5-Jun, S80 < 1,170 cfs; S79 < 3000 cfs 12-Jun, 19 Jun, 26-Jun, Baseflow S80 < 200 cfs; S79 < 450 cfs 9.0 3-Jul, 10-Jul, 17-Jul, 24-Jul, 9.0 No Regulatory Release From Lake 31-Jul, 7-Aug, 21-Aug, 4-Sep, **Environmental WS Release** 18-Sep, 25-Sep, 2-Oct, 9-Oct, Regulatory Release to WCAs 16-Oct. 23-Oct 8.0 8.0 Dec-2015 Jun-2015 Jun-2016 Dec-2016 Jun-2017 LORS-2008 Projected Stage Percentiles From

SFWMD-HESM Position Analysis

Adopted by USACE 28-April-2008

Data Ending 2400 hours 03 JUL 2016

Okeechobee Lake	Regulation		n Last Yea	r 2YRS Ago) (ft-NGVD)	
*Okeechobee La Bottom of High Currently in W	Lake Mngmt	on -NR- = 16.15 Top	12.16 of Water Sho	13.01 (Off	
Simulated Aver Difference from	_		12.34 -NR-		
03JUL (1965-20 Difference fro			rage 13.4 -NR-		
Today Lake Oke stations	echobee ele	evation is dete	ermined from	the 4 Int & 4	ł Edge
++Navigation D	epth (Based	d on 2007 Chan	nel Conditio	n Survey) Rout	te 1 ÷ -NR-
++Navigation D	epth (Based	d on 2008 Chan	nel Conditio	n Survey) Rout	te 2 ÷ -NR-
Bridge Clearan	ce = 48.88				
_					
1 Intorior and 1	□ -1 ^1				
4 INCELIOR and 4	Eage Okeed	chobee Lake Ave	erage (Avg-D	aily values):	
L001 L005	L006 LZ40) S4 S352	2 S308 S	133	
L001 L005	L006 LZ40		2 S308 S	133	
L001 L005 -NRNR-	L006 LZ40 -NRNE) S4 S35; RNRN)	2 S308 S R- 14.89	133 -NR-	
L001 L005	L006 LZ40 -NRNE) S4 S35; RNRN)	2	133 -NR-	
L001 L005 -NRNR-	L006 LZ40 -NRNE) S4 S35; RNRN)	2	133 -NR-	
L001 L005 -NRNR-	L006 LZ40 -NRNE) S4 S35; RNRN)	2	133 -NR-	
L001 L005 -NRNR-	L006 LZ40 -NRNF eechobee F) S4 S35; RNRN)	2	133 -NR- -NR- *See Note)	
L001 L005 -NRNR- *Combination Ok	L006 LZ40 -NRNF eechobee F) S4 S35; RNRN)	2	133 -NRNR- *See Note) Fisheating Cr	698
L001 L005 -NRNR- *Combination Ok	L006 LZ40 -NRNF eechobee F) S4 S35: RNRN Avg-Daily Lake	2	133 -NRNR- *See Note) Fisheating Cr S135 Pumps	698 -NR-
L001 L005 -NRNR- *Combination Ok	L006 LZ40 -NRNF eechobee F ws (cfs): -NR-) S4 S35: RNRNi Avg-Daily Lake	2	133 -NRNR- *See Note) Fisheating Cr	
L001 L005 -NRNR- *Combination Ok	L006 LZ40 -NRNF eechobee F ws (cfs): -NRNR-) S4 S35: RNRNi Avg-Daily Lake C5 S191	2	133 -NRNR- *See Note) Fisheating Cr S135 Pumps	-NR-
L001 L005 -NRNR- *Combination Ok Okeechobee Inflo S65E S154 S84	L006 LZ40 -NRNF eechobee A ws (cfs): -NRNRNR-) S4 S35: RNRN) Avg-Daily Lake C5 S191 S133 Pumps	2	133 -NRNR- *See Note) Fisheating Cr S135 Pumps S2 Pumps	-NR- -NR-
L001 L005 -NRNR- *Combination Ok	L006 LZ40 -NRNF eechobee F ws (cfs): -NRNRNR-	O S4 S35: RNRNI Avg-Daily Lake C5 S191 S133 Pumps S127 Pumps	2	133 -NRNR- *See Note) Fisheating Cr \$135 Pumps \$2 Pumps \$3 Pumps	-NR- -NR- -NR-
L001 L005 -NRNR- *Combination Ok	L006 LZ40 -NRNF eechobee F ws (cfs): -NRNRNRNRNR-	C5 S191 S133 Pumps S127 Pumps S129 Pumps	2 S308 S R- 14.89 Average = (-NRNRNRNRNRNRNR-	133 -NRNR- *See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	-NR- -NR- -NR-
L001 L005 -NRNR- *Combination Ok - Okeechobee Inflo	L006 LZ40 -NRNF eechobee F ws (cfs): -NRNRNRNRNRNR- NRNR-	C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 S R- 14.89 Average = (-NRNRNRNRNRNRNR-	133 -NRNR- *See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	-NR- -NR- -NR-
L001 L005 -NRNR- *Combination Ok Okeechobee Inflo	L006 LZ40 -NRNF eechobee F ws (cfs): -NRNRNRNRNRNR- NRNR-	C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps Oue To Missing	2 S308 S R- 14.89 Average = (-NRNRNRNRNR- S65E Discha	133 -NRNR- *See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps rge Data	-NR- -NR- -NR- -NR-
L001 L005 -NRNR- *Combination Ok Okeechobee Inflo S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outfl S135 Culverts	L006 LZ40 -NRNF eechobee F ws (cfs): -NRNRNRNRNR- NO Report I ows (cfs): -NR-	C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	2 S308 S R- 14.89 Average = (-NRNRNRNRNRNRNRN	133 -NRNR- *See Note) Fisheating Cr \$135 Pumps \$2 Pumps \$3 Pumps \$4 Pumps rge Data \$77	-NR- -NR- -NR- -NR-
L001 L005 -NRNR- *Combination Ok	L006 LZ40 -NRNF eechobee F ws (cfs): -NRNRNRNRNR- NO Report I ows (cfs): -NR-	C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps Oue To Missing	2 S308 S R- 14.89 Average = (-NRNRNRNRNRNRNRN	133 -NRNR- *See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps rge Data	-NR- -NR- -NR- -NR-
L001 L005 -NRNR- *Combination Ok Okeechobee Inflo	L006 LZ40 -NRNF eechobee F ws (cfs): -NRNRNRNR- NO Report I ows (cfs): -NRNR-	C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps Oue To Missing	2 S308 S R- 14.89 Average = (-NRNRNRNRNRNRNRN	133 -NRNR- *See Note) Fisheating Cr \$135 Pumps \$2 Pumps \$3 Pumps \$4 Pumps rge Data \$77 \$77Below	-NR- -NR- -NR- -NR- (Not Used) 2485
L001 L005 -NRNR- *Combination Ok	WS (cfs): -NRNRNRNRNRNRNRNR	C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps Oue To Missing	2 S308 S R- 14.89 Average = (-NRNRNRNRNRNRNRN	133 -NRNR- *See Note) Fisheating Cr \$135 Pumps \$2 Pumps \$3 Pumps \$4 Pumps rge Data \$77	-NR- -NR- -NR- -NR-

```
Total Outflows: 4734
****S77 Structure outflow is being used to compute Total Outflow.
****S308 Structure outflow is being used to compute Total Outflow.
Okeechobee Pan Evaporation (inches):
             0.22
                      S308
 Average Pan Evap x 0.75 Pan Coefficient = 0.17" = 0.01'
Lake Average Precipitation using NEXRAD: = 0.01" = 0.00'
                            = 0.16" = 0.01'
Evaporation - Precipitation:
Evaporation - Precipitation using Lake Area of 730 square miles
 is equal to 3116 cfs out of the lake.
Lake Okeechobee (Change in Storage) Flow is -NR- cfs or -NR- AC-FT
Note: Headwater, tailwater, and stage values below are instantaneous values
     unless otherwise specified.
           Headwater Tailwater
                                   ----- Gate Positions -----
           Elevation Elevation Disch #1 #2 #3 #4 #5 #6 #7
#8
           (ft-msl) (ft-msl) (cfs) (ft) (ft) (ft) (ft) (ft) (ft)
(ft)
                           (I) see note at bottom
North East Shore
                             -NR- -NR- -NR- -NR- -NR- (cfs)
 S133 Pumps: ____
                      -NR-
 S193:
 S191:
                      -NR-
                             -NR- -NR- -NR-
 S135 Pumps: _____
                       -NR-
                              -NR-
                                    -NR- -NR- -NR- -NR- (cfs)
 S135 Culverts:
                              -NR-
                                   -NR- -NR-
North West Shore
                      -NR-
                              -NR- -NR- -NR- -NR- -NR- -NR-
 S127 Pumps:
                       -NR- -NR- -NR- -NR- -NR- -NR- (cfs)
 S127 Culvert:
                              -NR-
                                    -NR-
 S129 Pumps:
                      -NR-
                              -NR-
                                    -NR- -NR- -NR-
                                                           (cfs)
                                   -NR-
 S129 Culvert:
                              -NR-
 S131 Pumps:
                      -NR-
                             -NR- -NR- -NR-
                                                           (cfs)
 S131 Culvert:
                              -NR-
 Fisheating Creek
                     32.43 698
   nr Palmdale
   nr Lakeport
 C5:
                     -NR- -NR- -NR- -NR-
South Shore
```

-NR- -NR- -NR- -NR-

(cfs)

S4 Pumps:

```
S310: 14.82
                           -63
                           -NR- -NR- -NR- (cfs)
-NR- -NR- -NR-
 S3 Pumps:
                     -NR-
           -NR-
 S354:
                         -NR- -NR- -NR- -NR- (cfs)
 S2 Pumps:
                     -NR-
                         -NR- -NR- -NR- -NR-
-NR- -NR- -NR-
           -NR-
 S351:
 S352:
                    -NR-
 C10A:
           -NR-
                            0.0 0.0 8.0 0.0 0.0
                    -NR-
                    14.70 334
 L8 Canal PT
              S351 and S352 Temporary Pumps/S354 Spillway
 S351:
                     -NR-
                         -NR- -NR--NR--NR--NR--NR-
 S352:
            -NR-
                           -NR- -NR--NR--NR-
                         -NR- -NR--NR--NR-
 S354:
                     -NR-
Caloosahatchee River (S77, S78, S79)
                    -NR-
                                -NR- -NR-
 S47D:
                    -NR- -NR- -NR-
 S77:
  Spillway and Sector Flow:
           14.76 10.92 2485 3.0 3.0 3.0 3.0
   Flow Due to Lockages+: 9
 S77 Below USGS Flow Gage 2485
 S78:
   Spillway and Sector Flow:
           10.83 7.75 2415 3.0 0.0 3.0 3.0
  Flow Due to Lockages+: 6
 S79:
   Spillway and Sector Flow:
    2.97 0.89 6144 2.0 3.0 3.0 3.0 3.0 3.0
2.0
   Flow Due to Lockages+:
   Percent of flow from S77 96% Chloride (ppm) 42
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Flow:
           14.87 14.62 1915 5.0 4.0 4.0 5.0
   Flow Due to Lockages+:
                          1
 S308 Below USGS Flow Gage
                          1915
       S153:
                           -NR- -NR- -NR-
 S80:
  Spillway and Sector Flow:
           -NR- -NR- -NR- 1.5 1.5 1.5 0.0 1.5 1.5 0.0
   Flow Due to Lockages+: -NR-
                         -NR-%
   Percent of flow from S308
 Steele Point Top Salinity (mg/ml) ****
```

-NR- -NR- -NR- -NR-

S169:

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

Speedy Point Top Salinity (mg/ml) 4849 Speedy Point Bottom Salinity (mg/ml) 7175

+ 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	n
peed					
	(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-	0.00	0.00		
S77:	0.07	0.61	2.04	211	0
S78:	0.29	0.49	1.67	340	1
S79:	0.32	0.32	1.02	150	1
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:	*****	*****	*****	113	2
S80:	0.00	0.96	2.15	-NR-	-NR-
Okeechobee Average	*****	4880.51	*****		
(Sites S78, S79 and					
Oke Nexrad Basin Avg	0.01	0.22	1.34		

_ Okeechobee 03JUL16	Lake	Elev	ations	03	JUL	2016	-NR-	Difference	from
03JUL16	-1	Day	=	02	JUL	2016	14.95		-NR-
03JUL16	-2	Days	=	01	JUL	2016	14.94		-NR-
03JUL16	-3	Days	=	30	JUN	2016	14.93		-NR-
03JUL16	-4	Days	=	29	JUN	2016	14.90		-NR-
03JUL16	- 5	Days	=	28	JUN	2016	14.90		-NR-
03JUL16	-6	Days	=	27	JUN	2016	14.90		-NR-
03JUL16	-7	Days	=	26	JUN	2016	14.89		-NR-
03JUL16	-30	Days	=	03	JUN	2016	14.33		-NR-
03JUL16	-1	Year	=	03	JUL	2015	12.16		-NR-
03JUL16	-2	Year	=	03	JUL	2014	13.01		-NR-

_					т.		21-00	ah ah a a	Not To	£1.	ow (LONI)	т \		
				7							•	N)	7***-D2;1**	Flora
	0.0 7777 1.6				rage				_		14 days	!	Avg-Daily	FIOW
	03JUL16		Today					2016		38	MON		-NR-	
	03JUL16		Day					2016	66		SUN		7182	
	03JUL16	-2	Days	=		01	JUL	2016	66	75	SAT		7321	
	03JUL16	-3	Days	=		30	JUN	2016	76	49	FRI		11844	
	03JUL16	-4	Days	=		29	JUN	2016	75	42	THU		5443	
	03JUL16	- 5	Days	=		28	JUN	2016	80	45	WED		5801	
	03JUL16	-6	Days	=		27	JUN	2016	86	50	TUE		8190	
	03JUL16	-7	Days	=		26	JUN	2016	92	03	MON	ĺ	1729	
	03JUL16		Days			25	JUN	2016	100	47	SUN	i	3734	
	03JUL16		Days			24	JUN	2016	110	42	SAT	i	5741	
	03JUL16		_			23	JUN	2016	120	18	FRI	i	5493	
	03JUL16		_					2016	135	0.0	THU	i	8281	
	03JUL16		_					2016	132		WED	i	4618	
	03JUL16		_					2016	134	-	TUE	i	10915	
	0300110	13	Бауз			20	OON	2010	134	55	101	1	10313	
_														
_														
								65E						
					Ave	rage	Flo	w over	previo	us	14 days		Avg-Daily	Flow
	03JUL16		Toda	y=		03	JUL	2016	40	87	MON		-NR-	

_						S6	65E			
					Average	Flov	v over	previous	14 days	Avg-Daily Flow
	03JUL16		Today	<i>y</i> =	03	JUL	2016	4087	MON	-NR-
	03JUL16	-1	Day	=	02	JUL	2016	4216	SUN	2850
	03JUL16	-2	Days	=	01	JUL	2016	4477	SAT	3131
	03JUL16	-3	Days	=	30	JUN	2016	4759	FRI	3374
	03JUL16	-4	Days	=	29	JUN	2016	5069	THU	3394
	03JUL16	- 5	Days	=	28	JUN	2016	5394	WED	3429
	03JUL16	-6	Days	=	27	JUN	2016	5736	TUE	3856
	03JUL16	-7	Days	=	26	JUN	2016	6087	MON	4035
	03JUL16	-8	Days	=	25	JUN	2016	6421	SUN	4230
	03JUL16	-9	Days	=	24	JUN	2016	6664	SAT	4353
	03JUL16	-10	Days	=	23	JUN	2016	6780	FRI	4904
	03JUL16	-11	Days	=	22	JUN	2016	6773	THU	4964
	03JUL16	-12	Days	=	21	JUN	2016	6690	WED	5164
	03JUL16	-13	Days	=	20	JUN	2016	6598	TUE	5448

_ 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)
03 (JUL 201	6		4928	-NR-	4802	12199
02	JUL 201	6		5399	-NR-	6517	10767
01	JUL 201	6		6705	-NR-	7663	13935
30 (JUN 201	6		7027	-NR-	7594	12407
29 (JUN 201	6		6887	-NR-	7549	12259
28 .	JUN 201	6		7657	-NR-	-NR-	13641
27	JUN 201	6		8105	-NR-	8429	14621
26	JUN 201	6		8255	-NR-	8669	13440
25	JUN 201	6		8149	-NR-	9037	13320
24	JUN 201	6		8014	-NR-	8841	12893
23 .	JUN 201	6		7339	-NR-	8924	13400

21 J	UN 2016 UN 2016 UN 2016			8521 9361 9371	-NR- -NR- -NR-	8479 7435 11305	14419 17019 17968
03 Jii 02 Jii 01 Jii 30 Jii 29 Jii 28 Jii 26 Jii 25 Jii 24 Jii 23 Jii 22 Jii 21 Jii		S-310 Discharge (ALL DAY) (AC-FT) -124 -149 -142 -124 12 -38 -91 -148 -225 -76 -27 -60 -147 -201	S-351 Discharge (ALL DAY) (AC-FT) -NR- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		S-354 Discharge (ALL DAY) (AC-FT) -NR- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	L8 Canal Pt Discharge (ALL DAY) (AC-FT) 662 694 550 433 421 395 415 412 394 385 420 432 411 396	
03 Ji 02 Ji 01 Ji 30 Ji 29 Ji 28 Ji 26 Ji 26 Ji 25 Ji 24 Ji 23 Ji 22 Ji 21 Ji	1	S-308 Discharge (ALL DAY) (AC-FT)	Below S-308 Discharge (ALL-DAY) (AC-FT) 3798 3950 3064 3429 3485 3451 3422 3260 3059 2984 3134 3270 3585 3479	S-80 Discharge (ALL-DAY) (AC-FT) -NR- 2860 2441 -NR- 2449 -NRNR- 2450 2469 2468 -NR- 2433 2448 2431			

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

Gate Discharges from 0700 hrs to 2100 hrs.

2) Discharge (ALL DAY) is computed using Spillway, Sector Gate and $\ensuremath{\mathsf{Spillway}}$

Lockages Discharges from 0015 hrs to 2400 hrs.

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

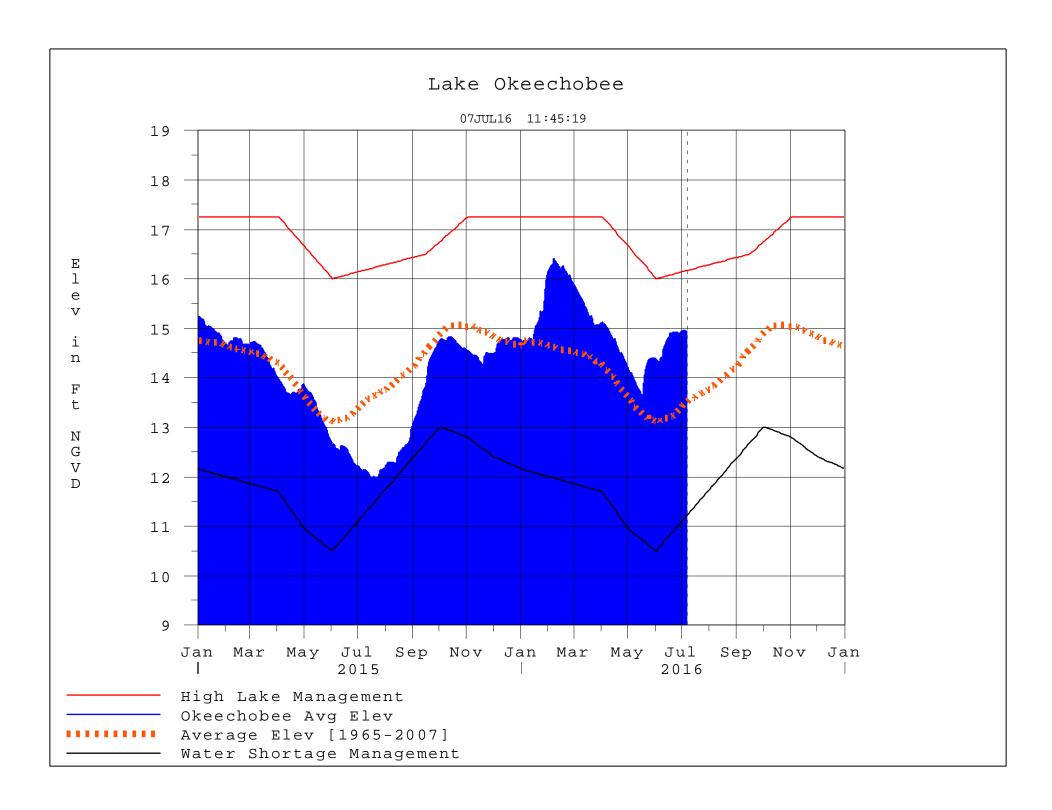
_ * On 11 May 1999, Lake Okeechobee Elevation was switched from

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

- On 14 Mar 2001, due to the isolation of various gages within the standard $\,$
 - 10 stations, the average of the interior 4 station gages was used as the Lake Okeechobee Elevation.
 - On 05 November 2010, Lake Okeechobee Elevation was switched to a 9 gage \min of interior and edge gages to obtain a more reliable representation of the lake level.
 - On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.
- Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations
 - ++ For more information see the Jacksonville District Navigation website at http://www.saj.usace.army.mil/

please refer to www.sfwmd.gov

Report Generated 04JUL2016 @ 23:38 ** 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	
	20003	Seasonal Outlook	
> 0.93	> 2.0	Very Wet	
0.71 to 0.93	1.51 to 2.0	Wet	
0.35 to 0.70	0.75 to 1.5	Normal	
< 0.35	< 0.75	Dry	

^{**}Volume-depth conversion based on average lake surface area of 467,000 acres

Classification of Lake Okeechobee Net Inflow Multi-Seasonal Outlook*

Lake Net Inflow Prediction	Equivalent Depth**	Lake Okeechobee
[million acre-feet]	[feet]	Net Inflow
		Multi-Seasonal Outlook
> 2.0	> 4.3	Very Wet
1.18 to 2.0	2.51 to 4.3	Wet
0.5 to 1.17	1.1 to 2.5	Normal
< 0.5	< 1.1	Dry

^{**}Volume-depth conversion based on average lake surface area of 467,000 acres

6-15 Day Precipitation Outlook Categories*

6-15 Day Precipitation Outlook Categories	WSE Decision Tree Categories
Above Normal	Wet to Very Wet
Normal	Normal
Below Normal	Dry

^{*} Corresponds to Table 7-6 in the Lake Okeechobee Water Control Plan

Under Construction