Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 5/29/2017 (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	Croley's Method ^{1*}		SFWMD Empirical Method ²		Sub-sampling of Neutral ENSO Years ³		Sub-sampling of AMO Warm + Neutral ENSO Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (May- Oct)	N/A	N/A	2.51	Very Wet	2.48	Very Wet	3.44	Very Wet
Multi Seasonal (May- Apr)	N/A	N/A	2.87	Wet	3.58	Wet	4.08	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:

- **-2619 cfs** 14-day running average for Lake Okeechobee Net Inflow through 5/29/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-3.68** for Palmer Index on 5/28/2017. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Dry.

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 5/29/2017

Lake Okeechobee Stage: 11.05 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechobee Management Zone/Band		Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Management Band		16.06	
	High sub-band	15.55	
Operational Band	Intermediate sub-band	15.02	
	Low sub-band	13.03	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub-band		10.53	← 11.05
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: No releases to the Estuaries.

Technical Input Summaries from:

- Lake Okeechobee Division
- Coastal Ecosystems
- Everglades Ecosystems Division
- Water Supply Department
- Water Resource Management Release Recommendation
- Kissimmee Watershed Environmental Conditions
- Operations Department

Back to Lake Okeechobee Operations Main Page

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

LORS2008 Implementation on 5/29/2017 (ENSO Neutral Condition):

Status for week ending 5/29/2017:

District wide, Raindar rainfall was 1.24 inches for the week. Lake stage on 5/29/2017 was 11.05 ft, down 0.11 ft from last week.

The updated May 2017 SFWMM Dynamic Position Analysis <u>percentile graph</u> for Lake Okeechobee show that the current lake stage is in the Beneficial Use Operational Sub-Band.

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

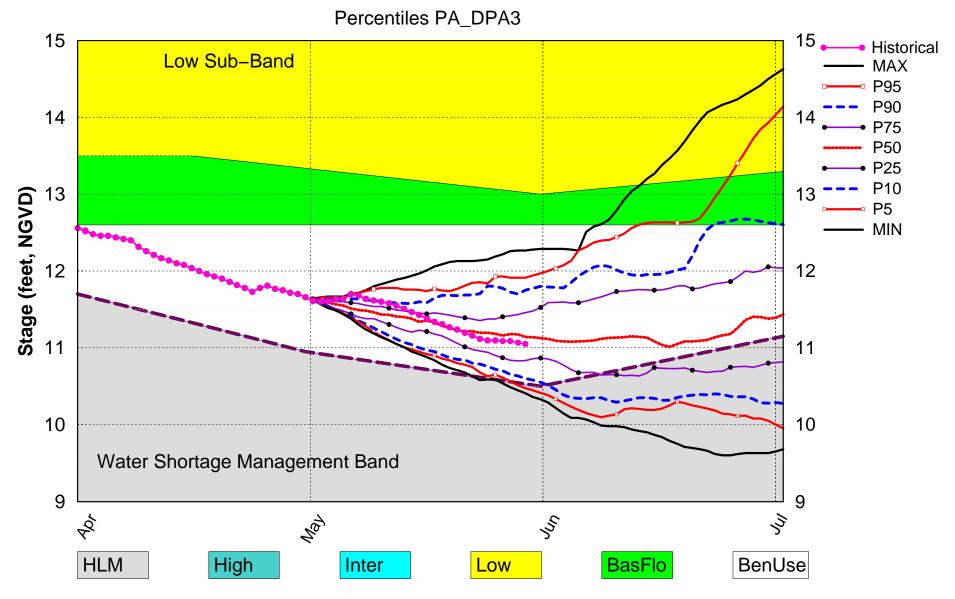
Water Supply Risk Evaluation

Tuci	ater Supply Risk Evaluation				
Area	Indicator	Value	Color Coded Scoring Scheme		
	Projected LOK Stage for the next two months	Beneficial Use Sub-Band	M		
	Palmer Index for LOK Tributary Conditions	-3.75 (Extremely Dry)	Τ		
	CPC Procinitation Outlook	1 month: Normal	L		
LOK	CPC Precipitation Outlook	3 months: Normal	L		
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	2.48 ft (Normal)	L		
	LOK Multi-Seasonal Net Inflow Outlook	3.58 ft (Wet)	L		
	ENSO La Nina Years				
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.00 ft)	L		
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (11.79 ft)	L		
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (8.58 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.

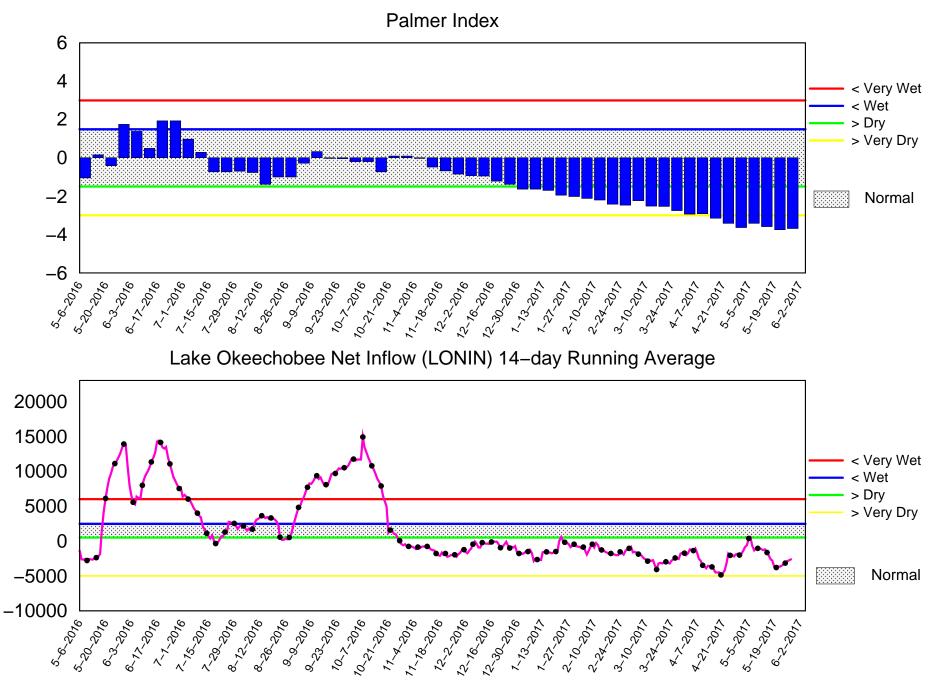
Back to Lake Okeechobee Operations Main Page
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Lake Okeechobee SFWMM May 2017 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

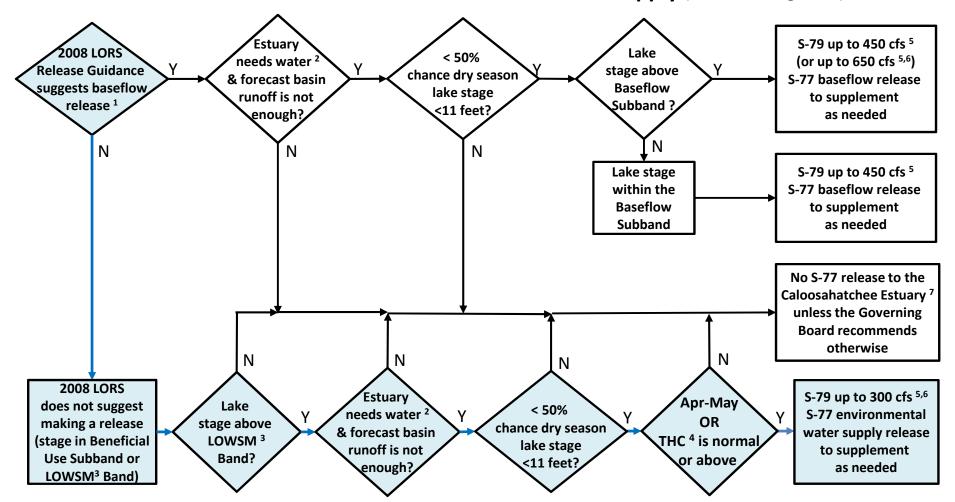
Tributary Basin Condition Indicators as of May 29 2017



Tue May 30 08:46:56 EDT 2017

-low (cfs)

Flowchart to Guide Recommendations for Lake Okeechobee Releases to the Caloosahatchee Estuary for 2008 LORS Baseflow & for Environmental Water Supply (revised 9-Aug-2012)



¹The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands.

²Estuary "needs" water when the 30-day moving average salinity at I-75 bridge is projected to exceed 5 practical salinity units (psu) within 2 weeks.

³LOWSM = Lake Okeechobee Water Shortage Management.

⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

⁵Can release less than the "up to" limit if lower release is sufficient to reach or sustain desired estuary salinity; cfs = cubic feet per second.

⁶After reviewing conditions in Water Conservation Areas (WCAs), Stormwater Treatment Areas (STAs), ENP, St. Lucie Estuary and Lake Okeechobee.

⁷Should this condition be reached, the Governing Board will be briefed at their next regularly scheduled meeting as part of the State of the Water Resources agenda item.

Lake Okeechobee Water Level History and Projected Stages 19.0 11.02 ft, NGVD 19.0 S-77 (3000 cfs for 7 days) S-79 (21-day transitional release) 30-May-2017 Starting: 1-July Startina: 28-Oct S-77 (2800 cfs for 7 days) HIGH LAKE 18.0 18.0 Starting: 15-Jul, 5-Aug, 16-Sep MANAGEMENT S-77 (4000 cfs for 7 days) BAND Starting: 23-Sep S-79 (650 cfs for 7 days 17.0 17.0 5-79 (3000 cfs for 7 days Starting: 11, 18, 25-Nov; Starting; 21-Oct 2,9,16-Dec HIGH 16.0 16.0 INTERMEDIATE S-79 (450 cfs for 7 days) 15.0 15.0 Water Level (ft, NGVD) Starting: 31-Mar; 7-Apr S-79 (300 cfs for 7 days) Starting: 14,21,28-Apr; 5,12-May 14.0 14.0 S-79 (375 cfs for 7 days) Starting: 19, 26-May S-80 (0 cfs) Starting: 4,11,18,25-Nov; 13.0 13.0 2,9,16-Dec S-80(21-day transitional release) BASE FLOW Starting: 28-Oct BENEFICIAL USE S-80 (1170 cfs for 7 days 12.0 12.0 S-80 (0 cfs) Starting: 21-Oct WATER SHORTAGE Starting: 31 Max; MANAGEMENT S-80 (1800 cfs for 7 days) 19, 26-May 11.0 Starting: 23-Sep 11.0 LEGEND Lake Release Color Code S-80 (1170 cfs for 7 days) S80 & S77 max practicable Starting: 16-Sep S80 < 2,800 cfs; S77 < 6,500 cfs 10.0 10.0 S80 < 1,800 cfs; S77 < 4,000 cfs S-80 (650 cfs for 7 days) S80 < 1,170 cfs; S79 < 3000 cfs Starting: 15-July, 5-Aug Baseflow \$80 < 200 cfs; \$79 < 450 cfs 9.0 -S-80 (1170 cfs for 7 days) 9.0 No Regulatory Release From Lake Starting: 1-July Environmental WS Release - Regulatory Release to WCAs 8.0 8.0 Jul-2016 Jan-2017 Jul-2017 Jan-2018 Jul-2018

LORS-2008 Projected Stage Percentiles From Adopted by USACE 28-April-2008 SFWMD-HESM Position Analysis

Data Ending 2400 hours 29 MAY 2017

Okeechobee Lake R	egulation		on Last Y O) (ft-NG	ear 2YRS Ago VD) (ft-NGVD)	
*Okeechobee Lak Bottom of High : Currently in Op	Lake Mngmt	n 11.02 = 16.06 Top	2 14. of Water S	40 12.76 (Of	
Simulated Average Difference from			11.96 -0.94		
29MAY (1965-200 Difference from			erage 13 -2.		
Today Lake Okeestations	chobee ele	vation is det	termined fr	om the 4 Int &	4 Edge
++Navigation De	oth (Based	on 2007 Char	nnel Condit	ion Survey) Rou	te 1 ÷
4.96'					
++Navigation Deg	oth (Based	on 2008 Char	nnel Condit	ion Survey) Rou	te 2 ÷
3.16' Bridge Clearance	e = 52.59'				
					
_					
4 Interior and 4	Edge Okeed	hobee Lake As	zerage (Avo	-Daily values):	
	006 LZ40		52 S308	S133	
10.85 10.99 1	1.13 11.0	2 11.00 11	.23 11.03	10.95	
*Combination Oke	echobee A	vg-Daily Lake	e Average =	11.02 (*See Note)	
				("See Note)	
	~ /~£~\·				
Okeechobee Inflow S65E		S65EX1	121	Fisheating Cr	0
S154		S191	0	S135 Pumps	0
S84	0	S133 Pumps	0	S2 Pumps	0
S84X		S127 Pumps	0	S3 Pumps	0
S71		S129 Pumps		S4 Pumps	0
S72 Total Inflows:	0 121	S131 Pumps	0	C5	0
TOCAL THETOWS.	141				
Okeechobee Outflo					
S135 Culverts		S354	349	S77	224
S127 Culverts		S351	412	S308	0
S129 Culverts		S352	46		
S131 Culverts Total Outflows:	0 920	L8 Canal Pt	-110		
TOTAL OUTLIONS.	J 2 U				

```
****S308 structure flow is being used to compute Total Outflow.
Okeechobee Pan Evaporation (inches):
     0.24 S308
 S77
                                  0.40
 Average Pan Evap x 0.75 Pan Coefficient = 0.24" = 0.02'
Lake Average Precipitation using NEXRAD: = -NR-" = -NR-'
Evaporation - Precipitation:
                                  = -NR-" = -NR-"
Evaporation - Precipitation using Lake Area of 730 square miles
 is equal to -NR-
Lake Okeechobee (Change in Storage) Flow is -5445 cfs or -10800 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
                              0 0 0 0 0 (cfs)
                    10.86
 S133 Pumps: 11.51
 S193:
                              0 0.0 0.0 0.0
 S191:
            17.28
                     10.82
 S135 Pumps: 10.66
                                        0
                                                  0
                     10.94
                               0
                                    0
                                             0
                                                         (cfs)
                                    0.0 0.0
                               0
 S135 Culverts:
North West Shore
                              0 0.0 -0.0 0.0 0.0 -0.0 0.0
 S65E: 20.90
                     11.15
 S65EX1:
           20.90
                     11.15
                             121
 S127 Pumps: 11.77
                     11.10
                              0
                                    0
                                       0
                                             0 0 0 (cfs)
 S127 Culvert:
                               0
                                    0.0
 S129 Pumps: ____
                     -NR-
                              0
                                   0
                                          0
                                             0
                                                         (cfs)
 S129 Culvert:
                               0
                                 -NR-
                              0
                                    0 0
 S131 Pumps: 12.51
                     11.21
                                                         (cfs)
 S131 Culvert:
                               0
 Fisheating Creek
                     27.05
   nr Palmdale
   nr Lakeport
 C5:
                     -NR-
                              0
                                    -NR- -NR- -NR-
South Shore
```

S4 Pumps: 10.62 10.94 0 0 0

(cfs)

****S77 structure flow is being used to compute Total Outflow.

```
$169: 10.91 10.84 149 5.0 5.0 5.0 $310: 10.92 137
 S310: 10.92 137
S3 Pumps: 10.05 10.99 0 0 0 0
S354: 10.99 10.05 349 1.2 1.4
S2 Pumps: 10.06 10.98 0 0 0 0
S351: 10.98 10.06 412 1.6 1.5 1.4
                                                           (cfs)
                                     0 0 0 0
                                                          (cfs)
           11.14
 S352:
                    10.20
                              46 0.0 0.0
 C10A:
                                   8.0 8.0 8.0 0.0 0.0
            -NR-
                    11.23
                     11.06 -110
 L8 Canal PT
                S351 and S352 Temporary Pumps/S354 Spillway
            10.06
                     10.98
                             412 -NR--NR--NR--NR--NR-
                    11.14 46 -NR--NR--NR-
10.99 349 -NR--NR--NR-
 S352:
            10.20
 S354:
             10.05
Caloosahatchee River (S77, S78, S79)
 S47B: 12.16 10.72
                                   0.0 0.0
                    10.75 9 6.2
 S47D:
            10.76
 S77:
   Spillway and Sector Flow:
             10.81 10.82 224.00 3.5 3.5 3.5
   Flow Due to Lockages+: 0
 S77 Below USGS Flow Gage
                             771
 S78:
   Spillway and Sector Flow:
             10.61 2.96 393 0.0 0.0 0.0 1.0
   Flow Due to Lockages+:
                              16
 S79:
   Spillway and Sector Flow:
    3.07 1.06 360 0.0 0.0 0.0 1.0 0.0 0.0
0.0
   Flow Due to Lockages+:
                              12
   Percent of flow from S77 62
Chloride (ppm) 95
                              62%
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Flow:
             11.02 10.91 0.00 0.0 0.0 0.0 0.0
   Flow Due to Lockages+:
                             0
 S308 Below USGS Flow Gage
                            -NR-
       18.45 10.72
                              0 0.0 0.0
 S153:
 S80:
   Spillway and Sector Flow:
                            0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
21
            11.11 0.36
   Flow Due to Lockages+:
   Percent of flow from S308 NA %
 Steele Point Top Salinity (mg/ml) ****
```

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

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

Speedy Point Bottom Salinity (mg/ml) ****
```

+ Flow Due to lockages is computed utilizing average daily headwater and tailwater along with total number of lockages for the day to calculate a volume which is then converted to an average discharge in cfs.

-				Wi	nd
-					
Daily Precipitation Totals	1-Day	3-Day	7-Day	Directio	n
Speed					
	(inches)	(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:	0.00	0.00	0.96	270	0
S78:	0.00	0.00	0.43	92	2
S79:	0.00	0.00	0.54	234	0
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	0.28	212	6
S80:	0.00	0.00	0.03	283	2
Okeechobee Average	0.00	0.00	0.10		
(Sites S78, S79 and	S80 not inc	cluded)			
Oke Nexrad Basin Avg	-NR-	0.00	1.10		

eechobee Lake Elevations	29 MAY 2017	11.02 Differ	rence from
9MAY17			
29MAY17 -1 Day =	28 MAY 2017	11.05	0.03
29MAY17 -2 Days =	27 MAY 2017	11.07	0.05
29MAY17 -3 Days =	26 MAY 2017	11.09	0.07
29MAY17 - 4 Days =	25 MAY 2017	11.09	0.07
29MAY17 -5 Days =	24 MAY 2017	11.10	0.08
29MAY17 -6 Days =	23 MAY 2017	11.10	0.08
29MAY17 -7 Days =	22 MAY 2017	11.12	0.10
29MAY17 - 30 Days =	29 APR 2017	11.66	0.64
29MAY17 -1 Year =	29 MAY 2016	14.40	3.38
29MAY17 -2 Year =	29 MAY 2015	12.76	1.74

Long Term Mean 30day Avearge ET for Lake Alfred (Inches) = 5.07

	Lake Okeechobee	Net Inflow (LONIN)	
Ave	rage Flow over the	previous 14 days	Avg-Daily Flow
29MAY17 Today =	29 MAY 2017	-2518 TUE	-4414
29MAY17 -1 Day =	28 MAY 2017	-2623 MON	-3208
29MAY17 - 2 Days =	27 MAY 2017	-2725 SUN	-3578
29MAY17 - 3 Days =	26 MAY 2017	-2796 SAT	48
29MAY17 - 4 Days =	25 MAY 2017	-3096 FRI	-1108
29MAY17 -5 Days =	24 MAY 2017	-3219 THU	1162
29MAY17 - 6 Days =	23 MAY 2017	-3470 WED	-527
29MAY17 - 7 Days =	22 MAY 2017	-3602 TUE	-3989
29MAY17 - 8 Days =	21 MAY 2017	-3543 MON	-4420
29MAY17 - 9 Days =	20 MAY 2017	-3690 SUN	-4187
29MAY17 -10 Days =	19 MAY 2017	-3624 SAT	-2155
29MAY17 -11 Days =	18 MAY 2017	-2699 FRI	-3687
29MAY17 - 12 Days =	17 MAY 2017	-2412 THU	-1822
29MAY17 -13 Days =	16 MAY 2017	-1894 WED	-3374
_			
_	S65E		
	Average Flow over	previous 14 davs	Avg-Daily Flow
29MAY17 Today=	29 MAY 2017	0 TUE	0
29MAY17 -1 Day =	28 MAY 2017	0 MON	0
29MAY17 -2 Days =	27 MAY 2017	0 SUN	0
29MAY17 -3 Days =	26 MAY 2017	0 SAT	0
29MAY17 -4 Days =	25 MAY 2017	0 FRI	0
29MAY17 -5 Days =	24 MAY 2017	0 THU	0
29MAY17 -6 Days =	23 MAY 2017	0 WED	0
29MAY17 -7 Days =	22 MAY 2017	0 TUE	0
29MAY17 -8 Days =	21 MAY 2017	0 MON	0
29MAY17 -9 Days =	20 MAY 2017	0 SUN	j o
29MAY17 -10 Days =	19 MAY 2017	0 SAT	0
29MAY17 -11 Days =	18 MAY 2017	0 FRI	0
29MAY17 -12 Days =	17 MAY 2017	0 THU	0
29MAY17 -13 Days =	16 MAY 2017	0 WED	0
_			
_	S65EX1		
	Average Flow over	previous 14 davs	Avg-Daily Flow
29MAY17 Today=	29 MAY 2017	167 TUE	121
29MAY17 -1 Day =	28 MAY 2017	170 MON	135
29MAY17 -2 Days =	27 MAY 2017	171 SUN	135
29MAY17 -3 Days =	26 MAY 2017	175 SAT	152
29MAY17 -4 Days =	25 MAY 2017	178 FRI	188
29MAY17 -5 Days =	24 MAY 2017	177 THU	156
29MAY17 -6 Days =	23 MAY 2017	179 WED	177
29MAY17 -7 Days =	22 MAY 2017	178 TUE	170
29MAY17 -8 Days =	21 MAY 2017	178 MON	194
29MAY17 -9 Days =	20 MAY 2017	178 SUN	193
29MAY17 -10 Days =	19 MAY 2017	180 SAT	193
29MAY17 -11 Days =	18 MAY 2017	186 FRI	193
29MAY17 -12 Days =	17 MAY 2017	191 THU	157
-			•

_ 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)	
29	MAY	2017	472	1529	808	734	
28	MAY	2017	238	1301	1050	1318	
27	MAY	2017	63	965	-NR-	1778	
26	MAY	2017	-84	348	342	857	
25	MAY	2017	594	696	11	4	
24	MAY	2017	-1	293	209	727	
23	MAY	2017	950	1204	691	492	
22	MAY	2017	1543	1710	910	779	
21	MAY	2017	1399	2285	1071	1200	
20	MAY	2017	1947	1828	1189	1199	
19	MAY	2017	1186	1075	525	590	
18	MAY	2017	1372	1147	266	12	
17	MAY	2017	1335	1017	34	140	
16	MAY	2017	1792	1871	316	463	
			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)
	MAY			841	91	579	-219
	MAY			67	264	135	-210
	MAY			0	0	0	-193
	MAY			7	3	58	-234
	MAY			17	113	672	-230
	MAY			855	500	884	-175
	MAY			2156	1067	1650	-174
	MAY			1894	1011	1602	-235
	MAY			1791	821	1146	-431
	MAY			1999	797	1295	-258
	MAY			2376	1001	1759	-295
	MAY			2538	922	1924	-282
	MAY			2469	1126	1900	-199
16	MAY	2017	263	2439	1178	2029	-124
			S-308	Below S-308			
			Discharge	Discharge	Discharge		
	D		(ALL DAY)	(ALL-DAY)	(ALL-DAY)		
0.0	DATE		(AC-FT)	(AC-FT)	(AC-FT)		
	MAY			-NR-	42		
	MAY			-63	40		
	MAY			-261	49		
	MAY			-160	41		
	MAY			-302	32		
	MAY			-NR-	19		
	MAY			-NR-	30		
	MAY			-NR-	42		
	MAY			-NR-	46		
20	MAY	2017	-83	-NR-	43		

19	MAY	2017	187	401	30
18	MAY	2017	83	476	24
17	MAY	2017	186	430	41
16	MAY	2017	-237	183	27

*** NOTE:

Discharge (ALL DAY) is computed using Spillway, Sector Gate

and

Lockages Discharges from 0015 hrs to 2400 hrs.

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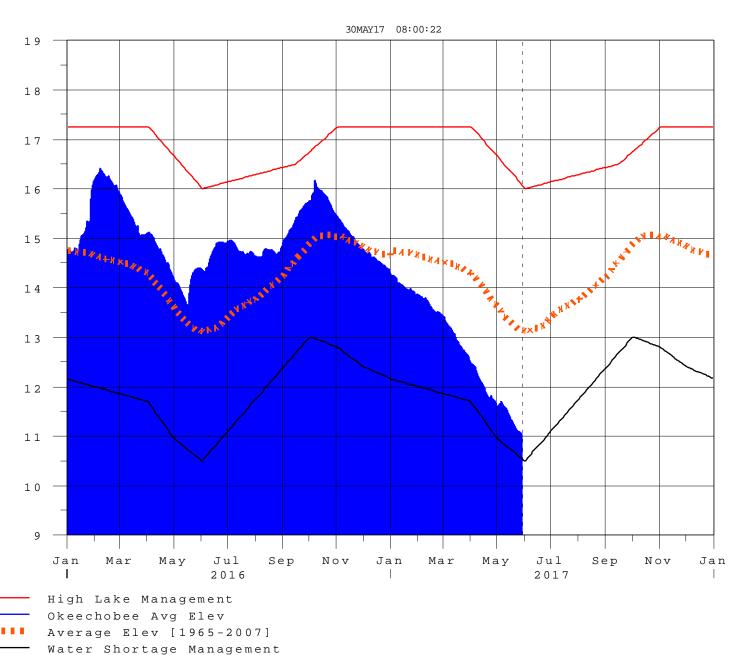
(I) - Flows preceded by "I" signify an instantaneous flow computed from the single value reported for the day

- * On 11 May 1999, Lake Okeechobee Elevation was switched from 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 30MAY2017 @ 08:06 ** Preliminary Data - Subject to Revision **





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G V D

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

^{*} 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