Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 11/28/2016 (ENSO La Nina 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 La Nina 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*}		Method ^{1*} Empirical Method ²		Sub-sampling of La Nina ENSO Years ³		Sub-sampling of AMO Warm + La Nina ENSO Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Nov- Apr)	N/A	N/A	0.07	Dry	-0.31	Dry	-0.55	Dry
Multi Seasonal (Nov- Oct)	N/A	N/A	2.39	Normal	2.64	Wet	1.91	Normal

^{*}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:

-2219 cfs 14-day running average for Lake Okeechobee Net Inflow through 11/27/2016. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

-0.84 for Palmer Index on 11/26/2016. 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 11/28/2016

Lake Okeechobee Stage: 14.80 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 Manag	oment Dand	17.05	
High Lake Manage	ement Band	17.25	
	High sub-band	16.88	
Operational Band	Intermediate sub-band	16.25	
	Low sub-band	14.50	← 14.80
Base Flow sub-ba	nd	12.75	
Beneficial Use sub	o-band	12.44	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to maximum practicable releases to the WCAs if desirable or with minimum everglades impacts; otherwise no releases.

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

Back to Lake Okeechobee Operations Main Page

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

LORS2008 Implementation on 11/28/2016 (ENSO La Nina Condition):

Status for week ending 11/28/2016:

District wide, Raindar rainfall was 0.01 inches for the week. Lake stage on 11/28/2016 was 14.80 ft, down 0.18 ft from last week.

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

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

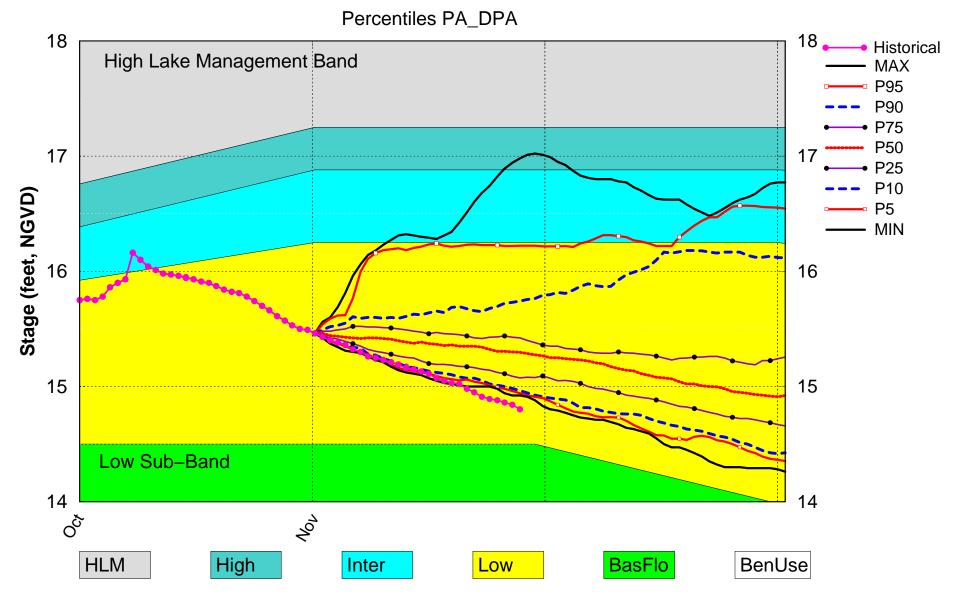
Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Low Sub-Band	L
	Palmer Index for LOK Tributary Conditions	-0.84 (Normal)	L
	CPC Procinitation Outlook	1 month: Below Normal	М
LOK	CPC Precipitation Outlook	3 months: Below Normal	M
	LOK Seasonal Net Inflow Outlook ENSO La Nina Years	-0.31 ft (Extremely Dry)	Н
	LOK Multi-Seasonal Net Inflow Outlook	2.64 ft (Normal)	M
	ENSO La Nina Years		
	WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average	Above Line 1 (16.62 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line1 (12.64 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	Above Line 1 (10.05 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.

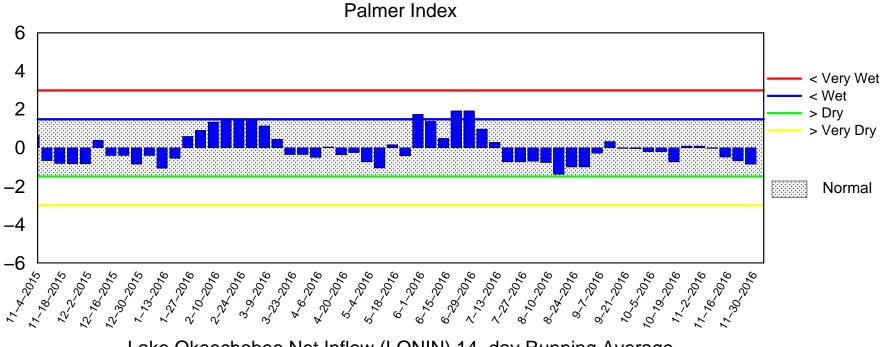
Back to Lake Okeechobee Operations Main Page
Back to U.S. Army Corps of Engineers LORSS Homepage

Lake Okeechobee SFWMM Nov 2016 Dynamic Position Analysis

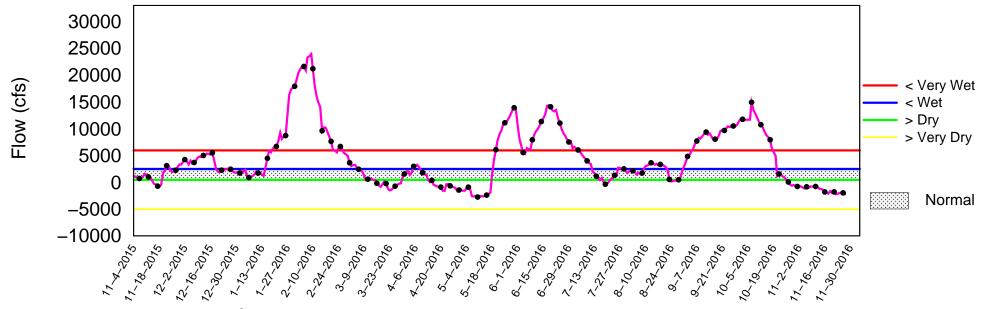


(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of November 28 2016



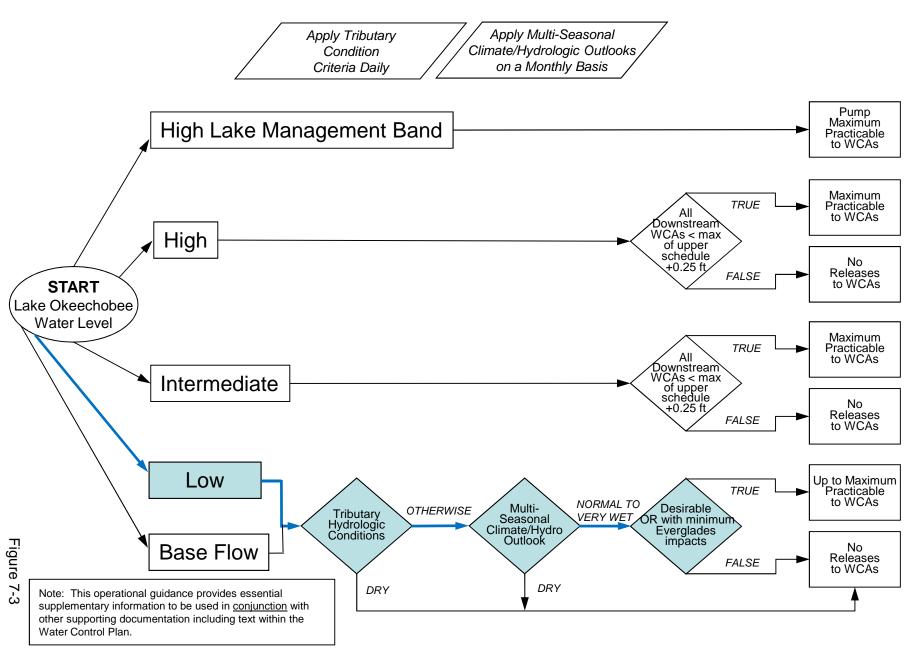




Mon Nov 28 14:43:57 EST 2016

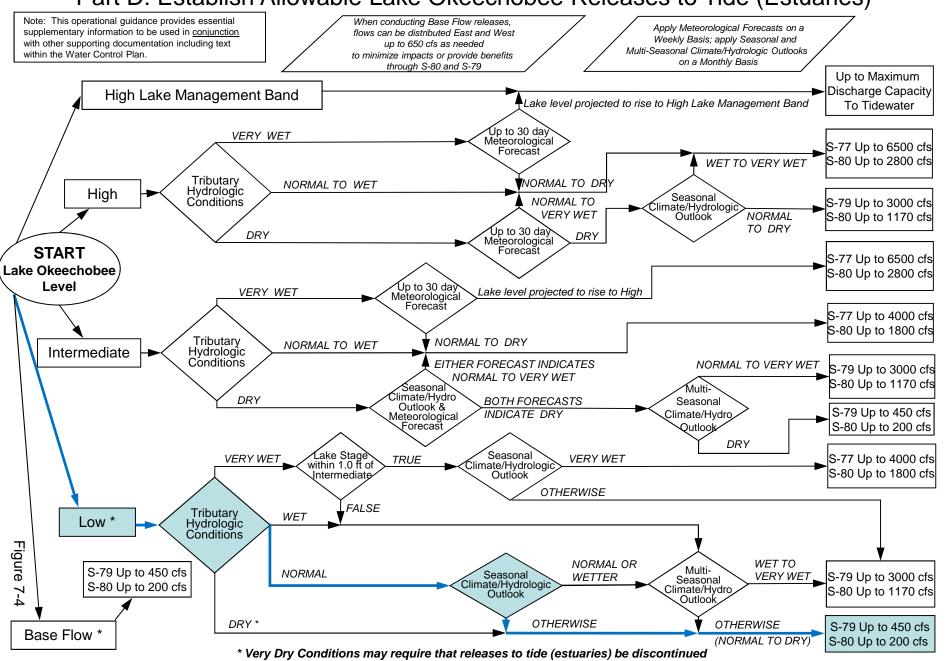
2008 LORS

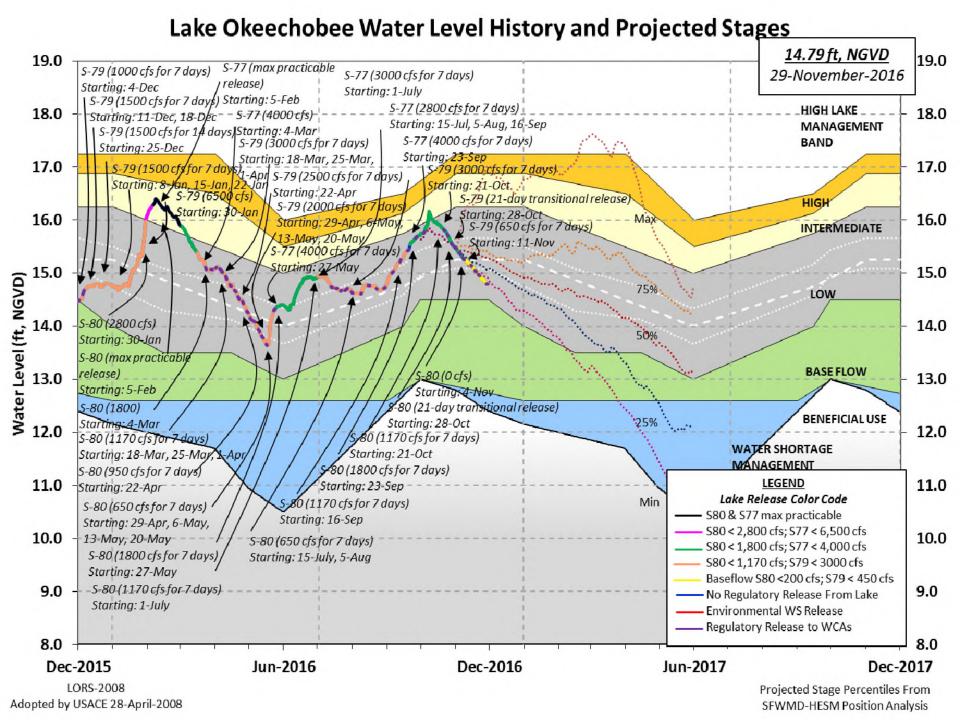
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



2008 LORS

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





Data Ending 2400 hours 27 NOV 2016

Okeechobee Lake	Regulation	Elevatio			
*Okeechobee La Bottom of High Currently in O	Lake Mngmt	c= 17.25 Top	14. of Water S	WD) (ft-NGVD) 48 15.61 (Of Short Mngmt= 12.	
Simulated Aver Difference fro	_		13.80 1.00		
27NOV (1965-20 Difference fro			rage 14 -0.	86 06	
Today Lake Oke stations	echobee ele	evation is det	ermined fr	om the 4 Int &	4 Edge
8.74'	epth (Based	d on 2008 Chan		ion Survey) Rou	
_					
4 Interior and 4	Edge Okeed	chobee Lake Av	erage (Avg	g-Daily values):	
	L006 LZ40		2 S308	S133	
14.60 -NR-	-NR- 14.8	32 14.99 14.	98 14.77	14.65	
*Combination Ok	eechobee <i>I</i>	Avg-Daily Lake	Average =	: 14.80	
				(*See Note)	
_					
01 1 1 - 61	(5)				
Okeechobee Inflo S65E	ws (cis): 784	CE	-122	Fisheating Cr	
S154	0	C5 S191	-122	S135 Pumps	· 5
S84	0	S133 Pumps	0	S2 Pumps	0
S84X	0	S133 Fumps S127 Pumps	0	S3 Pumps	0
S71	0	S127 Pumps	0	S4 Pumps	0
S72	0	S131 Pumps	0	54 Pullips	U
Total Inflows:	667	DIJI I amps	O		
Okeechobee Outfl		-0-4			
S135 Culverts	0	S354	560	S77	-NR-
S127 Culverts	0	S351	1012	S77Below	1275
S129 Culverts	0	S352	451	S308	-NR-
S131 Culverts	0	L8 Canal Pt	208	S308Below	36
Total Outflows:	мо кероrt	Due To Missin	g S77 or S	308 Discharge D	ata

	neadwater	laliwater				- Gai	Le POS	SICIOI	ıs	
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6 #	7
#8										
(5.1)	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft) (f	t)
(ft)		/ -			1					
North East Sh	20%0	(1) see r	iote at	. Doci	JOIII				
S133 Pumps	-	14.70	0	0	0	0	0	0	(cfs)	
S193:	. 13.30	14.70	U	U	U	U	U	U	(CLS)	
S191:	18.14	14.69	0	0.0	0.0	0.0				
S135 Pumps	: 12.98	14.68	0	0	0	0	0		(cfs)	
S135 Culve	cts:		0	0.0	0.0					
North West Sh	nore									
S65E:	20.97	14.65	784	0.4	0.4	0.4	0.4	0.4	0.3	
S127 Pumps	: 13.30	14.79	0	0	0	0	0	0	(cfs)	
S127 Culve	ct:		0	0.0						
S129 Pumps	: 13.11	14.85	0	0	0	0			(cfs)	
S129 Culve			0	0.0						
S131 Pumps	: 12.96	14.88	0	0	0				(cfs)	
S131 Culve			0						(/	
Fisheating	Creek									
nr Palmda		28.43	5							
nr Lakepo	ort	- <u></u> -								
C5:	14.92	14.90 -	122	5.3 5	5.3	5.3				
South Shore										
S4 Pumps:	11.29	14.99	0	0	0	0			(cfs)	
S169:	15.02	11.28	0	0.0	0.0	0.0				

```
S310: 14.89 24
S3 Pumps: 11.15 14.94 0 0 0 0
S354: 14.94 11.15 560 0.8 0.9
S2 Pumps: 10.99 14.94 0 0 0 0
S351: 14.94 10.99 1012 1.6 1.6 1.4
                                       0 0 0
                                                               (cfs)
                                                 0 0
                                                              (cfs)
             14.91
  S352:
                      11.15
                               451 0.7 0.8
  C10A:
             -NR-
                      13.79
                                      0.0 0.0 8.0 0.0 0.0
                       13.61 208
 L8 Canal PT
                 S351 and S352 Temporary Pumps/S354 Spillway
  S351:
              10.99
                       14.94 1012 -NR--NR--NR--NR--NR-
                               451 -NR--NR--NR--NR-
  S352:
              11.15
                      14.91
                       14.94
  S354:
              11.15
                                560 -NR--NR--NR-
Caloosahatchee River (S77, S78, S79)
S47B: 13.21 11.15 0.0 0.0
  S47D:
                      11.21 36 6.0
             11.20
  S77:
   Spillway and Sector Flow:
            -NR- -NR- -NR- 0.0 2.5 2.5 0.0
   Flow Due to Lockages+:
                                -NR-
  S77 Below USGS Flow Gage
                              1275
  S78:
   Spillway and Sector Flow:
             -NR- -NR-
                                -NR- -NR- -NR- -NR-
   Flow Due to Lockages+:
                                -NR-
  S79:
   Spillway and Sector Flow:
              -NR- -NR-
                               -NR- 0.0 0.0 1.0 1.0 1.0 1.0 0.0
0.0
   Flow Due to Lockages+:
                                -NR-
   Percent of flow from S77
                                -NR-%
   Chloride
                   (mqq)
                                -N
St. Lucie Canal (S308, S80)
  S308:
   Spillway and Sector Flow:
   -NR- -NR- -NR- 0.0 0.0 0.0 0.0 Flow Due to Lockages+: -NR-
  S308 Below USGS Flow Gage 36
S153: 19.09 13.43 0 0.0 0.0
  S80:
   Spillway and Sector Flow:
                              -NR- 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 -NR-%
  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	()	(()	(D)	
((inches)	(inches)	(inches)	(Degø)	
(mph)	170	0.00	0.00		
S133 Pump Station:	-NR-	0.00	0.00		
S193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-		0.00		
S135 Pump Station:	-NR-	0.00	0.00		
S127 Pump Station:	-NR-		0.00		
S129 Pump Station:	-NR-	0.00	0.00		
S131 Pump Station:	-NR-	0.00	0.00		
S77:	-NR-	0.00	0.00	-NR-	-NR-
S78:	-NR-	0.00	0.00	-NR-	-NR-
S79:	-NR-	0.00	0.00	-NR-	-NR-
S4 Pump Station:	-NR-	0.00	0.00		
Clewiston Field Station:	-NR-	0.00	0.00		
S3 Pump Station:	-NR-	0.00	0.00		
S2 Pump Station:	-NR-	0.00	0.00		
S308:	-NR-	0.00	0.00	-NR-	-NR-
S80:	-NR-	0.00	0.00		
Okeechobee Average			0.00		
(Sites S78, S79 and			0.00		
Oke Nexrad Basin Avg	0.00	0.00	0.00		

Okeechobee Lake Elevations	27 NOV 2016	14.80 Differ	ence from
27NOV16			
27NOV16 - 1 Day =	26 NOV 2016	14.84	0.04
27NOV16 - 2 Days =	25 NOV 2016	14.86	0.06
27NOV16 - 3 Days =	24 NOV 2016	14.88	0.08
27NOV16 - 4 Days =	23 NOV 2016	14.89	0.09
27NOV16 - 5 Days =	22 NOV 2016	14.91	0.11
27NOV16 -6 Days =	21 NOV 2016	14.95	0.15
27NOV16 - 7 Days =	20 NOV 2016	14.98	0.18
27NOV16 - 30 Days =	28 OCT 2016	15.53	0.73
27NOV16 - 1 Year =	27 NOV 2015	14.48	-0.32
27NOV16 - 2 Year =	27 NOV 2014	15.61	0.81

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Lake Okeechobee Net Inflow (LONIN)

	Average	Flow over the	previous 14 days	Avg-Daily Flow
27NOV16	Today =	27 NOV 2016	-2271 MON	-5215
27NOV16	-1 Day =	26 NOV 2016	-1821 SUN	-1207
27NOV16	-2 Days =	25 NOV 2016	-2010 SAT	-1138
27NOV16	-3 Days =	24 NOV 2016	-2025 FRI	1134
27NOV16	-4 Days =	23 NOV 2016	-2185 THU	-1010
27NOV16	-5 Days =	22 NOV 2016	-2269 WED	-4831
27NOV16	-6 Days =	21 NOV 2016	-1789 TUE	-2646
27NOV16	-7 Days =	20 NOV 2016	-1979 MON	-5530
27NOV16	-8 Days =	19 NOV 2016	-1640 SUN	947
27NOV16	-9 Days =	18 NOV 2016	-2111 SAT	-1080
27NOV16	-10 Days =	17 NOV 2016	-2020 FRI	-1466
27NOV16	-11 Days =	16 NOV 2016	-1794 THU	-6164
27NOV16	-12 Days =	15 NOV 2016	-1348 WED	-NR-
27NOV16	-13 Days =	14 NOV 2016	-1241 TUE	-1319

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S65E

					50	ظرر			
				Average	Flow	over	previous	14 days	Avg-Daily Flow
27NOV16		Today	<i>7</i> =	27	NOV	2016	925	MON	904
27NOV16	-1	Day	=	26	NOV	2016	927	SUN	923
27NOV16	-2	Days	=	25	NOV	2016	930	SAT	918
27NOV16	-3	Days	=	24	NOV	2016	935	FRI	918
27NOV16	-4	Days	=	23	NOV	2016	939	THU	922
27NOV16	-5	Days	=	22	NOV	2016	939	WED	928
27NOV16	-6	Days	=	21	NOV	2016	943	TUE	932
27NOV16	-7	Days	=	20	NOV	2016	950	MON	932
27NOV16	-8	Days	=	19	NOV	2016	957	SUN	916
27NOV16	-9	Days	=	18	NOV	2016	965	SAT	912
27NOV16	-10	Days	=	17	NOV	2016	973	FRI	918
27NOV16	-11	Days	=	16	NOV	2016	980	THU	921
27NOV16	-12	Days	=	15	NOV	2016	987	WED	965
27NOV16	-13	Days	=	14	NOV	2016	995	TUE	939

Lake Okeechobee Outlets Last 14 Days

			S-77	Below S-77	S-78	S-79
			Discharge	Discharge	Discharge	Discharge
			(ALL DAY)	(ALL-DAY)	(ALL DAY)	(ALL DAY)
	DATE	C	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
27	NOV	2016	-NR-	2527	-NR-	-NR-
26	NOV	2016	1704	1771	-NR-	1896
25	NOV	2016	1679	1729	836	1485
24	NOV	2016	1752	1776	447	1002
23	NOV	2016	1504	1532	692	668
22	NOV	2016	1553	2354	1014	1151
21	NOV	2016	1787	2970	1389	1687
20	NOV	2016	1853	2417	1380	2217
19	NOV	2016	1812	1888	1399	2130
18	NOV	2016	1415	1631	-NR-	1524
17	NOV	2016	1239	1358	-NR-	604
16	NOV	2016	1245	1114	-NR-	629
15	NOV	2016	1643	1802	719	1011

14 NOV 2016	1847	2190	1384	1276		
	S-310	S-351	S-352	S-354	L8 Canal Pt	
D	ischarge	Discharge	Discharge	Discharge		
	ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)		
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
27 NOV 2016	48	2007	894	944	412	
26 NOV 2016	17	2161	898	970	404	
25 NOV 2016	66	2124	924	940	406	
24 NOV 2016	34	2122	1166	833	410	
23 NOV 2016	67	2154	1225	738	419	
22 NOV 2016	78	2138	1370	752	425	
21 NOV 2016	105	1892	1031	1035	413	
20 NOV 2016	138	1791	347	978	432	
19 NOV 2016	126	1991	960	904	434	
18 NOV 2016	136	1920	1251	789	449	
17 NOV 2016	119	1896	1063	795	460	
16 NOV 2016	133	1600	849	962	448	
15 NOV 2016	-NR-	1573	865	984	-NR-	
14 NOV 2016	144	1836	700	817	439	
	- 000					
_	S-308	Below S-308				
	ischarge	Discharge	Discharge			
(ischarge ALL DAY)	Discharge (ALL-DAY)	Discharge (ALL-DAY)			
DATE	ischarge ALL DAY) (AC-FT)	Discharge (ALL-DAY) (AC-FT)	Discharge (ALL-DAY) (AC-FT)			
DATE 27 NOV 2016	Discharge ALL DAY) (AC-FT) -NR-	Discharge (ALL-DAY) (AC-FT) 71	Discharge (ALL-DAY) (AC-FT) -NR-			
DATE 27 NOV 2016 26 NOV 2016	Discharge ALL DAY) (AC-FT) -NR- 5	Discharge (ALL-DAY) (AC-FT) 71 -18	Discharge (ALL-DAY) (AC-FT) -NR- 86			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016	oischarge ALL DAY) (AC-FT) -NR- 5 194	Discharge (ALL-DAY) (AC-FT) 71 -18 219	Discharge (ALL-DAY) (AC-FT) -NR- 86 42			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016 24 NOV 2016	oischarge ALL DAY) (AC-FT) -NR- 5 194 157	Discharge (ALL-DAY) (AC-FT) 71 -18 219 241	Discharge (ALL-DAY) (AC-FT) -NR- 86 42 19			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016 24 NOV 2016 23 NOV 2016	oischarge ALL DAY) (AC-FT) -NR- 5 194 157 463	Discharge (ALL-DAY) (AC-FT) 71 -18 219 241 428	Discharge (ALL-DAY) (AC-FT) -NR- 86 42 19 56			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016 24 NOV 2016 23 NOV 2016 22 NOV 2016	oischarge ALL DAY) (AC-FT) -NR- 5 194 157 463 365	Discharge (ALL-DAY) (AC-FT) 71 -18 219 241 428 177	Discharge (ALL-DAY) (AC-FT) -NR- 86 42 19 56 48			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016 24 NOV 2016 23 NOV 2016 22 NOV 2016 21 NOV 2016	Discharge ALL DAY) (AC-FT) -NR- 5 194 157 463 365 166	Discharge (ALL-DAY) (AC-FT) 71 -18 219 241 428 177 8	Discharge (ALL-DAY) (AC-FT) -NR- 86 42 19 56 48			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016 24 NOV 2016 23 NOV 2016 22 NOV 2016 21 NOV 2016 20 NOV 2016	Discharge ALL DAY) (AC-FT) -NR- 5 194 157 463 365 166 257	Discharge (ALL-DAY) (AC-FT) 71 -18 219 241 428 177 8	Discharge (ALL-DAY) (AC-FT) -NR- 86 42 19 56 48 40 44			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016 24 NOV 2016 23 NOV 2016 22 NOV 2016 21 NOV 2016 20 NOV 2016 19 NOV 2016	Discharge ALL DAY) (AC-FT) -NR- 5 194 157 463 365 166 257 280	Discharge (ALL-DAY) (AC-FT) 71 -18 219 241 428 177 8 66 -25	Discharge (ALL-DAY) (AC-FT) -NR- 86 42 19 56 48 40 44			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016 24 NOV 2016 23 NOV 2016 22 NOV 2016 21 NOV 2016 20 NOV 2016 19 NOV 2016 18 NOV 2016	Discharge ALL DAY) (AC-FT) -NR- 5 194 157 463 365 166 257 280 541	Discharge (ALL-DAY) (AC-FT) 71 -18 219 241 428 177 8 66 -25 416	Discharge (ALL-DAY) (AC-FT) -NR- 86 42 19 56 48 40 44 51 25			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016 24 NOV 2016 23 NOV 2016 22 NOV 2016 21 NOV 2016 20 NOV 2016 19 NOV 2016 18 NOV 2016 17 NOV 2016	oischarge ALL DAY) (AC-FT) -NR- 5 194 157 463 365 166 257 280 541	Discharge (ALL-DAY) (AC-FT) 71 -18 219 241 428 177 8 66 -25 416 118	Discharge (ALL-DAY) (AC-FT) -NR- 86 42 19 56 48 40 44 51 25 39			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016 24 NOV 2016 23 NOV 2016 22 NOV 2016 21 NOV 2016 20 NOV 2016 19 NOV 2016 18 NOV 2016 17 NOV 2016 16 NOV 2016	oischarge ALL DAY) (AC-FT) -NR- 5 194 157 463 365 166 257 280 541 4	Discharge (ALL-DAY) (AC-FT) 71 -18 219 241 428 177 8 66 -25 416 118 -10	Discharge (ALL-DAY) (AC-FT) -NR- 86 42 19 56 48 40 44 51 25 39 38			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016 24 NOV 2016 23 NOV 2016 22 NOV 2016 21 NOV 2016 20 NOV 2016 19 NOV 2016 18 NOV 2016 17 NOV 2016 16 NOV 2016 15 NOV 2016	Discharge ALL DAY) (AC-FT) -NR- 5 194 157 463 365 166 257 280 541 4 6 7	Discharge (ALL-DAY) (AC-FT) 71 -18 219 241 428 177 8 66 -25 416 118 -10 12	Discharge (ALL-DAY) (AC-FT) -NR- 86 42 19 56 48 40 44 51 25 39 38 31			
DATE 27 NOV 2016 26 NOV 2016 25 NOV 2016 24 NOV 2016 23 NOV 2016 22 NOV 2016 21 NOV 2016 20 NOV 2016 19 NOV 2016 18 NOV 2016 17 NOV 2016 16 NOV 2016	oischarge ALL DAY) (AC-FT) -NR- 5 194 157 463 365 166 257 280 541 4	Discharge (ALL-DAY) (AC-FT) 71 -18 219 241 428 177 8 66 -25 416 118 -10	Discharge (ALL-DAY) (AC-FT) -NR- 86 42 19 56 48 40 44 51 25 39 38			

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

and

-* 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

mix of interior and edge gages to obtain a more reliable representation of the lake level.

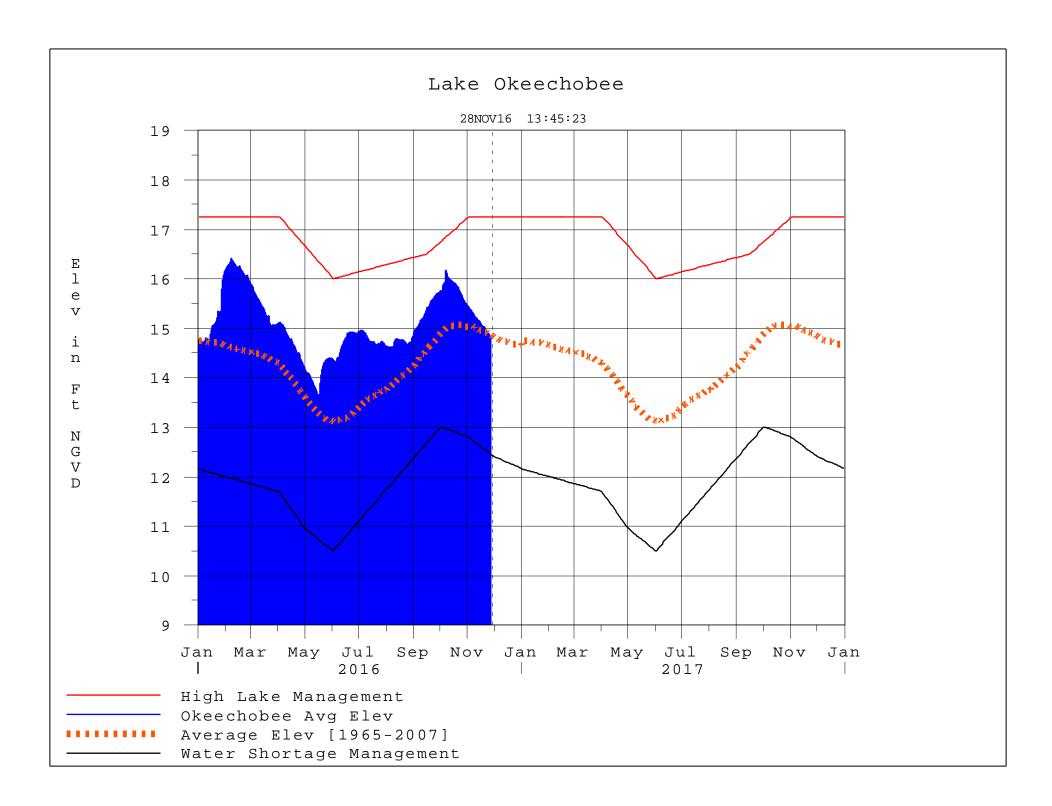
On 09 May 2011, Lake Okeechobee Elevation was switched to a 8 gage mix of interior and edge gages to obtain a more reliable representation of the lake level due to isolation of S135 from low lake levels.

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 28NOV2016 @ 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

^{*} 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

^{**}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