Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 10/14/2019 (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 La Nina ENSO years⁴. The results for Croley's method and the SFWMD empirical method are based on the <u>CPC Outlook</u>.

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		oley's ethod ^{1*}	SFWMD Empirical Method ²		Neutr	ampling of al ENSO ears ³	Sub-sampling of AMO Warm + Neutral ENSO Years ⁴		
	Value (ft)	Condition	Value (ft)	<u>Condition</u>	Value (ft)	Condition	Value (ft)	Condition	
Current (Oct- Mar)	N/A	N/A	0.78	Normal	1.11	Normal	2.37	Very Wet	
Multi Seasonal (Oct-Apr)	N/A	N/A	0.86	Dry	1.07	Dry	2.46	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.

**Sub-sampling is a weighted average of ENSO conditions based on the ENSO forecast used.

Tributary Hydrologic Conditions Graph:

-153 cfs 14-day running average for Lake Okeechobee Net Inflow through 10/13/2019. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

-1.57 for Palmer Index on 10/12/2019.

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 10/14/2019

Lake Okeechobee Stage: 13.47 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	16.95	
	High sub-band	16.58	
Operational Band	Intermediate sub-band	16.05	
	Low sub-band	14.50	
Base Flow sub-ba	nd	12.95	← 13.47
Beneficial Use sub	o-band	12.92	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: No releases to WCAs.

Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: S-79 Up to 450 cfs & S-80 Up to 200 cfs.

Adaptive Protocol's Release Guidance: Caloosahatchee Estuary

Release Guidance Flow Chart Outcome: S-79 Up to 450 cfs & S-77 baseflow release to supplement as needed.

Back to Lake Okeechobee Operations Main Page

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

LORS2008 Implementation on 10/14/2019 (ENSO Neutral Condition):

Status for week ending 10/14/2019:

District wide, Raindar rainfall was 1.04 inches for the week. Lake stage on 10/14/2019 was 13.47 ft, NGVD, up 0.07 ft from last week .The updated October 2019 SFWMM Dynamic Position Analysis percentile graph for Lake Okeechobee show that the current lake stage is in the Base-Flow Sub-Band. The LORS2008 Tributary Hydrologic Conditions (THC) are classified as **Dry.** The PDI indicates dry conditions and the LONIN is dry. The THC classification is based on the wetter of the two indices.

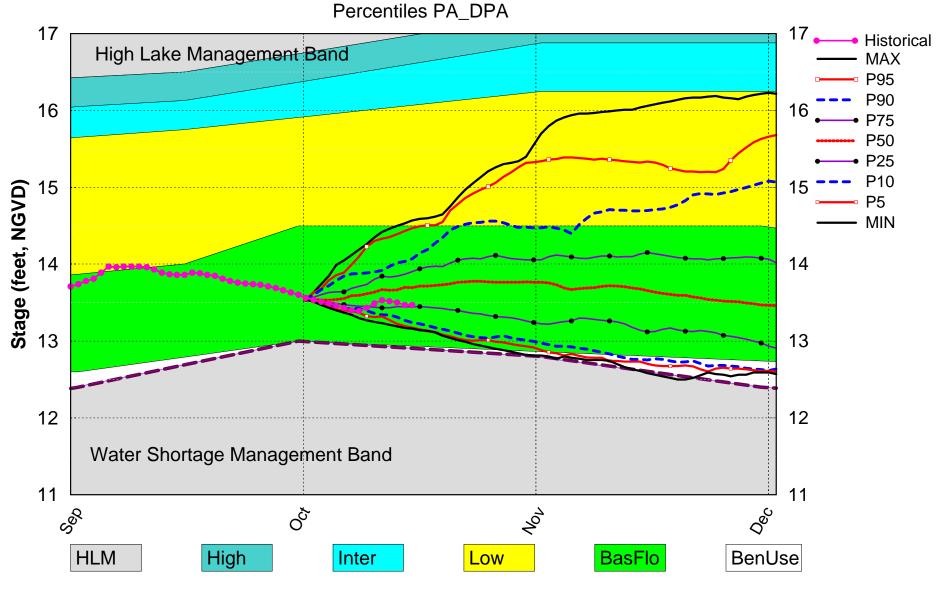
Color Coded Area Indicator Value Scoring Scheme Projected LOK Stage for the next two **Base-Flow Sub-Band** Μ months -1.57 Palmer Index for LOK Tributary Μ Conditions (Dry) 1 month: Above Normal L **CPC** Precipitation Outlook LOK 3 months: Above Normal L LOK Seasonal Net Inflow Outlook 1.11 ft L (Normal to Extremely Wet) ENSO Forecast (positive) LOK Multi-Seasonal Net Inflow Outlook 1.07 ft (Dry) н ENSO Forecast (positive) WCA 1: 3 Station Average Above Line 1 (16.66 ft) L (Site 1-7, Site 1-8T & Site 1-9) **WCAs** WCA 2A: Site 2-17 HW Above Line 1 (12.87 ft) L WCA-3A: 3 Station Average (Site 63, Above Line 1 (10.21 ft) L 64, and 65) Year-Round Irrigation Rule Service Area 1 L in effect Year-Round Irrigation Rule LEC Service Area 2 L in effect Year-Round Irrigation Rule Service Area 3

Water Supply Risk Evaluation

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.

in effect

Lake Okeechobee SFWMM Oct 2019 Position Analysis

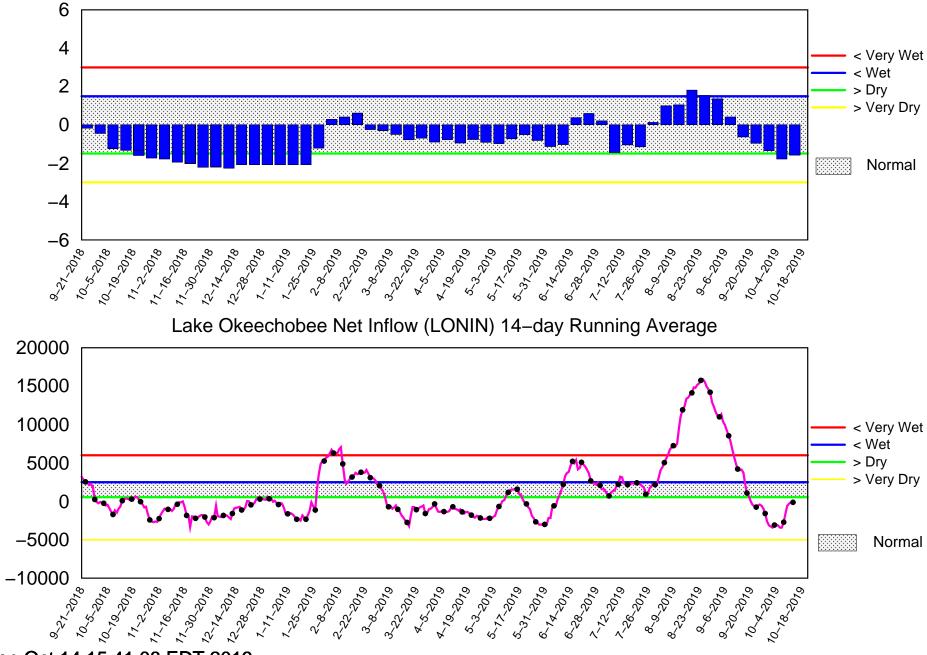


(See assumptions on the Position Analysis Results website)

Tue Oct 15 08:54:22 EDT 2019

Tributary Basin Condition Indicators as of October 14 2019

Palmer Index

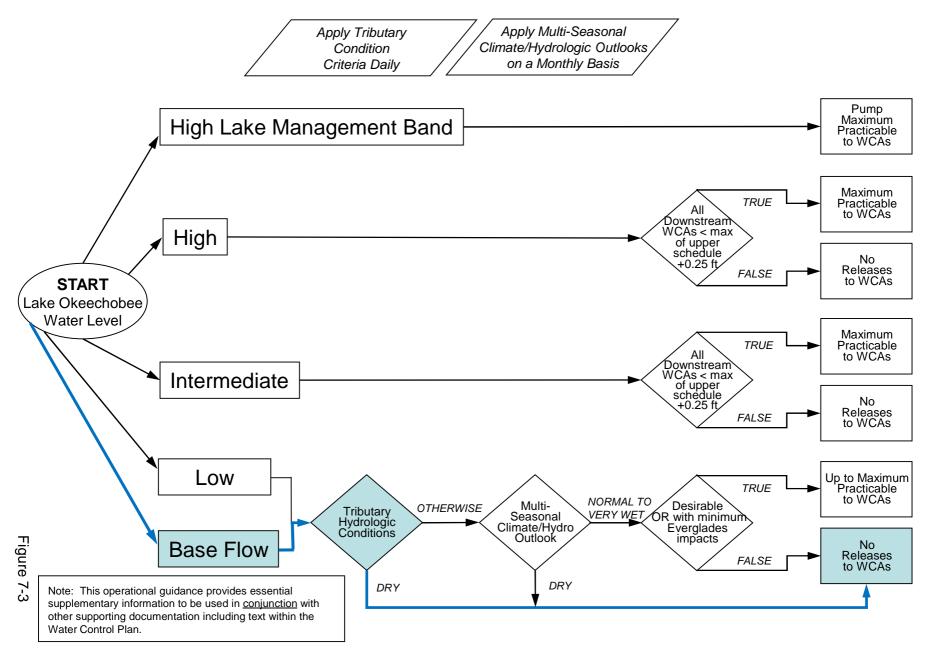


Mon Oct 14 15:41:08 EDT 2019

Flow (cfs)

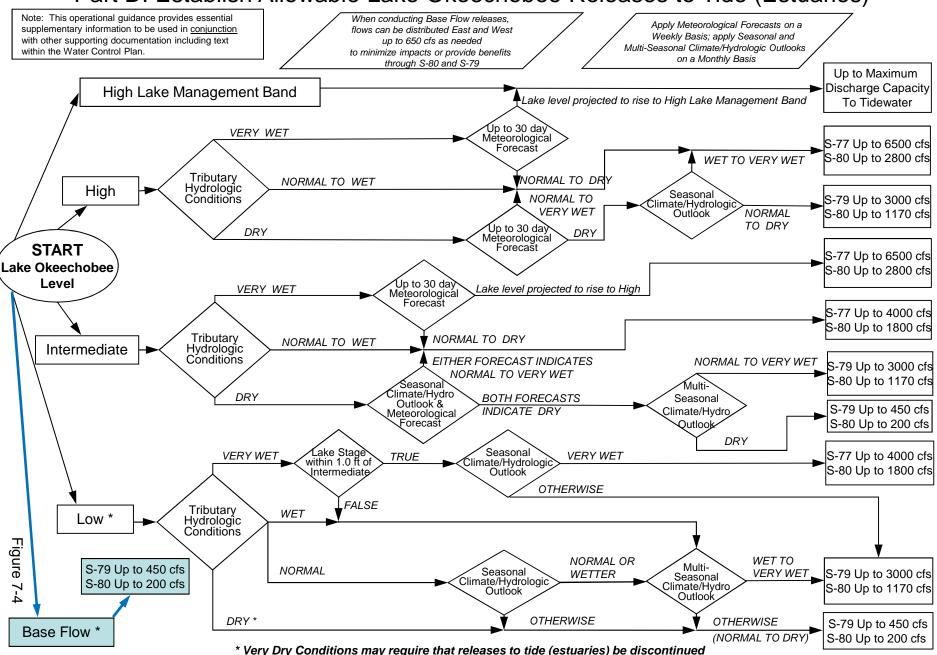
2008 LORS

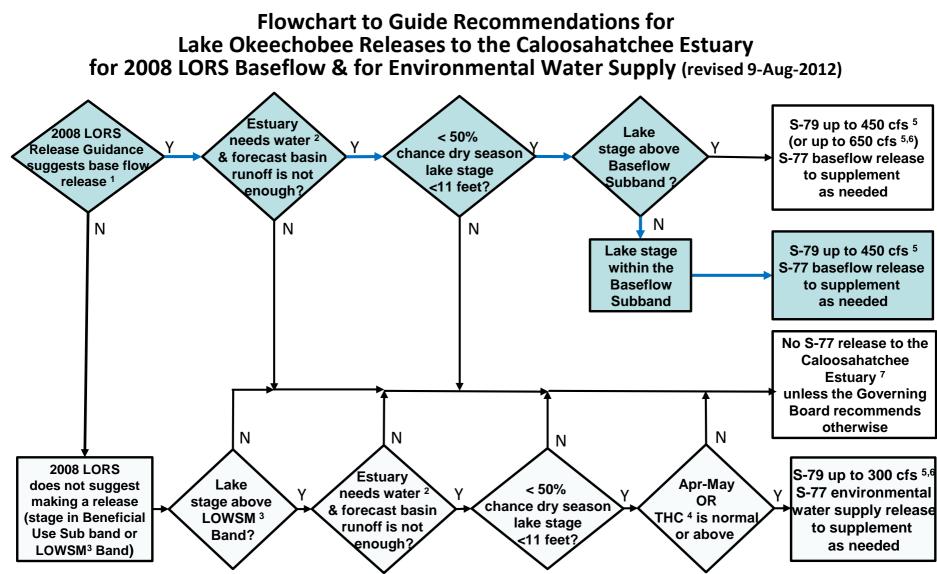
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



2008 LORS

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





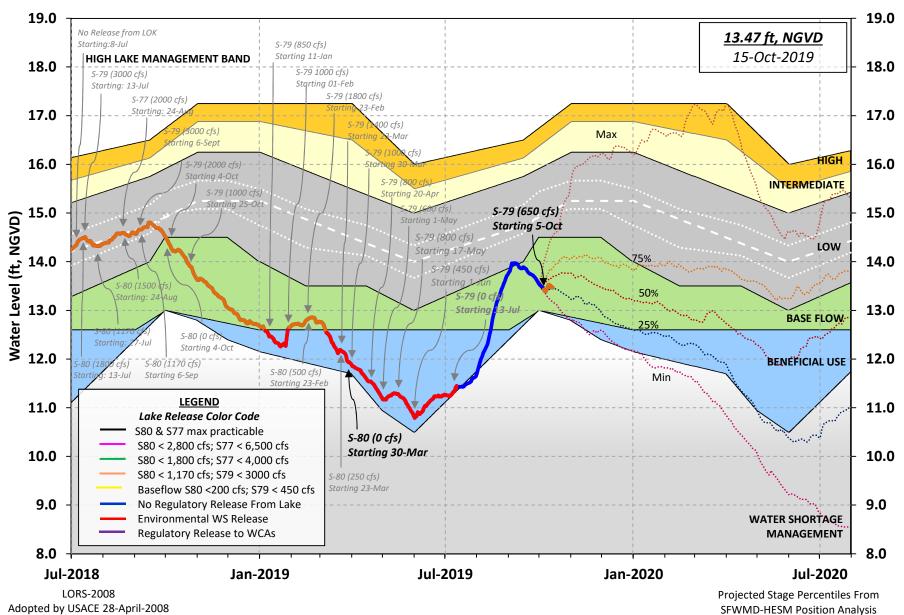
¹The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands.

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

U. S. Army Corps of Engineers, Jacksonville District Lake Okeechobee and Vicinity Report ** Preliminary Data - Subject to Revision ** Data Ending 2400 hours 13 OCT 2019 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) *Okeechobee Lake Elevation 13.47 14.27 -NR- (Official Elv) Bottom of High Lake Mngmt= 16.95 Top of Water Short Mngmt= 12.92 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 13.96 Difference from Average LORS2008 -0.49 13OCT (1965-2007) Period of Record Average 15.04 Difference from POR Average -1.57 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 7.41' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 \div 5.61' Bridge Clearance = 49.74' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 13.42 13.56 13.49 13.45 13.56 13.56 13.37 13.38 *Combination Okeechobee Avg-Daily Lake Average = 13.47 (*See Note) Okeechobee Inflows (cfs): Fisheating Cr 175 S65E 296 S65EX1 20 S135 Pumps 0 S154 0 S191 0 0 S133 Pumps S84 0 S2 Pumps 0 0 0 0 S84X S127 Pumps S3 Pumps S71 0 S129 Pumps 0 S4 Pumps 0 S72 0 S131 Pumps 0 C5 0 Total Inflows: 491 Okeechobee Outflows (cfs): 0 S77 S135 Culverts 0 S354 233 0 S127 Culverts S351 0 S308 -1 S129 Culverts 0 S352 0 S131 Culverts 0 Total Outflows: 293 0 L8 Canal Pt 61

```
****S77 structure flow is being used to compute Total Outflow.
****S308 structure flow is being used to compute Total Outflow.
Okeechobee Pan Evaporation (inches):
S77 0.18 S308 -NR-
Average Pan Evap x 0.75 Pan Coefficient = -NR-" = -NR-"
Lake Average Precipitation using NEXRAD: = 0.00" = 0.00'
Evaporation - Precipitation: = -NR-" = -NR-'
Evaporation - Precipitation using Lake Area of 730 square miles
is equal to -NR-
Lake Okeechobee (Change in Storage) Flow is -6201 cfs or -12300 AC-FT
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	Headwater	Tailwater				Gat	ce Pos	sitior	ns		-
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6	#7	
#8	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	
(ft)											
		(I) see n	ote at	t bott	com					
North East S		10.01							<i>,</i>		
S133 Pumps S193:	: 13.36	13.36	0	0	0	0	0	0	(cfs	5)	
S191:	17.01	13.36	0	0.0	0.0	0.0					
S135 Pumps	: 13.24	13.34	0	0	0	0	0		(cfs	3)	
S135 Culve	rts:		0	0.0	0.0						
North West S	hore										
S65E:	20.82	13.02	296	0.0	0.0	0.0	0.0	0.0	0.0		
S65EX1:	20.82	13.02	175								
S127 Pumps	: 13.21	13.38	0	0	0	0	0	0	(cfs	5)	
S127 Culve	rt:		0	0.0							
S129 Pumps	: 12.70	13.55	0	0	0	0			(cfs	5)	
S129 Culve	rt:		0	0.0							
S131 Pumps	: 12.55	13.55	0	0	0				(cfs	5)	
S131 Culve	rt:		0								
Fisheating											
nr Palmd nr Lakep		28.91	20								
C5:		-NR-	0	-NF	RNF	RNH	٤–				
South Shore											
	12.02	13.50	0	0	0	0			(cfs	5)	
S169:	13.55	12.01	0	0.0	0.0	0.0			-		
S310:	13.45		-12								

 S3 Pumps:
 10.14
 13.52
 0
 0
 0
 0

 S354:
 13.52
 10.14
 0
 0.0
 0.0

 S2 Pumps:
 9.80
 -NR 0
 0
 0
 0

 S351:
 -NR 9.80
 0
 0.0
 0.0
 0.0

 S352:
 13.58
 10.55
 0
 0.0
 0.0

 C10A:
 -NR 13.61
 8.0
 8.0
 8.0

 (cfs) 0 0 0 0 (cfs) 8.0 8.0 8.0 0.0 0.0 13.43 61 L8 Canal PT S351 and S352 Temporary Pumps/S354 Spillway -NR- 0 -NR--NR--NR--NR--NR-13.58 0 -NR--NR--NR-13.52 0 -NR--NR--NR-S351: 9.80 S352: 10.55 S354: 10.14 Caloosahatchee River (S77, S78, S79) S47B: 13.22 12.73 2.3 2.3 S47D: 12.72 11.08 94 1.1 S77: Spillway and Sector Preferred Flow: 13.42 11.03 230 0.0 0.5 0.5 0.0 3 Flow Due to Lockages+: S78: Spillway and Sector Flow: 11.05 3.11 314 0.5 0.0 0.0 0.0 Flow Due to Lockages+: 10 S79: Spillway and Sector Flow: 1.65 783 0.0 0.0 1.0 1.0 1.0 1.0 0.0 3.26 0.0 Flow Due to Lockages+: 10 Percent of flow from S77 29% (ppm) Chloride 0 St. Lucie Canal (S308, S80) S308: Spillway and Sector Preferred Flow: 13.41 13.76 0 0.0 0.0 0.0 0.0 -1 Flow Due to Lockages+: 18.64 13.61 0 0.0 0.0 S153: S80: Spillway and Sector Flow:

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 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.
++ Preferred flow is determined from either the spillway discharge or the below flow meter daily

_				Wi	ind
- Daily Precipitation Totals	1-Day	3-Day	7-Day	Directio	on
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:		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		
\$77:	0.00	0.00	1.71	104	4
S78:	0.00	0.00	0.42	112	3
S79:	0.00	0.00	0.00	89	8
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		
				- 1	1
S308:	27.54		29.53	71	4
S308: S80:	3.41	3.68	4.86	197	4 0
S308: S80: Okeechobee Average	3.41 13.77	3.68 2.12			
S308: S80: Okeechobee Average (Sites S78, S79 and	3.41 13.77 S80 not inc	3.68 2.12 luded)	4.86 2.40		
S308: S80: Okeechobee Average	3.41 13.77 . S80 not inc	3.68 2.12 luded)	4.86 2.40		
S308: S80: Okeechobee Average (Sites S78, S79 and	3.41 13.77 . S80 not inc	3.68 2.12 luded)	4.86 2.40		
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg 	3.41 13.77 \$80 not inc 0.00	3.68 2.12 luded) 0.02	4.86 2.40	197 	0
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 130CT19 130CT19 -1 Day =	3.41 13.77 S80 not inc 0.00 13 OCT 2019	3.68 2.12 luded) 0.02	4.86 2.40 1.82	197 	0 n
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 130CT19 130CT19 -1 Day =	3.41 13.77 S80 not inc 0.00 13 OCT 2019	3.68 2.12 luded) 0.02	4.86 2.40 1.82 13.47 Differ	197	0 n) 3
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 130CT19 130CT19 -1 Day = 130CT19 -2 Days =	3.41 13.77 S80 not inc 0.00 13 OCT 2019 12 OCT 2019 11 OCT 2019	3.68 2.12 luded) 0.02	4.86 2.40 1.82 13.47 Differ 13.50	197 rence from 0.0	0 n) 3) 5
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 130CT19 130CT19 -1 Day = 130CT19 -2 Days =	3.41 13.77 S80 not inc 0.00 13 OCT 2019	3.68 2.12 luded) 0.02	4.86 2.40 1.82 13.47 Differ 13.50 13.52	197 rence from 0.0 0.0	n) 3) 5) 6
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 130CT19 130CT19 -1 Day = 130CT19 -2 Days =	3.41 13.77 S80 not inc 0.00 13 OCT 2019 12 OCT 2019 11 OCT 2019	3.68 2.12 luded) 0.02	4.86 2.40 1.82 13.47 Differ 13.50 13.52 13.53	197 rence from 0.0 0.0 0.0	0 n 03 05 06 02
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 130CT19 130CT19 -1 Day = 130CT19 -2 Days = 130CT19 -3 Days = 130CT19 -4 Days =	3.41 13.77 S80 not inc 0.00 13 OCT 2019 12 OCT 2019 11 OCT 2019 10 OCT 2019 09 OCT 2019	3.68 2.12 luded) 0.02	4.86 2.40 1.82 13.47 Differ 13.50 13.52 13.53 13.49	197 rence from 0.0 0.0 0.0 0.0	0 n 03 05 06 02 04
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 130CT19 130CT19 -1 Day = 130CT19 -2 Days = 130CT19 -3 Days = 130CT19 -4 Days = 130CT19 -5 Days =	3.41 13.77 S80 not inc 0.00 13 OCT 2019 12 OCT 2019 11 OCT 2019 10 OCT 2019 09 OCT 2019 08 OCT 2019	3.68 2.12 luded) 0.02	4.86 2.40 1.82 13.47 Differ 13.50 13.52 13.53 13.49 13.43	197 rence from 0.0 0.0 0.0 0.0 0.0 0.0	0 n 03 05 06 02 04 08
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 130CT19 130CT19 -1 Day = 130CT19 -2 Days = 130CT19 -3 Days = 130CT19 -4 Days = 130CT19 -5 Days = 130CT19 -6 Days =	3.41 13.77 S80 not inc 0.00 13 OCT 2019 12 OCT 2019 11 OCT 2019 10 OCT 2019 09 OCT 2019 08 OCT 2019 07 OCT 2019	3.68 2.12 luded) 0.02	4.86 2.40 1.82 13.47 Differ 13.50 13.52 13.53 13.49 13.43 13.39	197 rence from 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 n)3)5)6)2)4)8)7
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 130CT19 130CT19 -1 Day = 130CT19 -2 Days = 130CT19 -3 Days = 130CT19 -4 Days = 130CT19 -5 Days = 130CT19 -6 Days = 130CT19 -7 Days =	3.41 13.77 S80 not inc 0.00 13 OCT 2019 12 OCT 2019 11 OCT 2019 10 OCT 2019 09 OCT 2019 08 OCT 2019 07 OCT 2019 06 OCT 2019	3.68 2.12 luded) 0.02	4.86 2.40 1.82 13.47 Differ 13.50 13.52 13.53 13.49 13.43 13.39 13.40	197 rence from 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0 n 03 05 06 02 04 08 07 39

Lake Okeechobee Net Inflow (LONIN) Average Flow over the previous 14 days | Avg-Daily Flow

130CT19]	Гoday	=	13	OCT	2019	-101	MON		-5910	
130CT19	-1	Day	=	12	OCT	2019	41	SUN	ĺ	-4066	
130CT19	-2	Days	=	11	OCT	2019	71	SAT	ĺ	-2069	
130CT19	-3	Days	=	10	OCT	2019	-35	FRI	Í	8442	
130CT19	-4	Days	=	09	OCT	2019	-728	THU	Í	12593	
130CT19	-5	Days	=	80	OCT	2019	-1752	WED	ĺ	9035	
130CT19	-б	Days	=	07	OCT	2019	-2422	TUE	ĺ	259	
130CT19	-7	Days	=	06	OCT	2019	-2463	MON	ĺ	-2390	
130CT19	-8	Days	=	05	OCT	2019	-2336	SUN	ĺ	-2554	
130CT19	-9	Days	=	04	OCT	2019	-2362	SAT	ĺ	-2886	
130CT19	-10	Days	=	03	OCT	2019	-2322	FRI	ĺ	-1130	
130CT19	-11	Days	=	02	OCT	2019	-2422	THU	ĺ	-1342	
130CT19	-12	Days	=	01	OCT	2019	-2375	WED		-3486	
130CT19	-13	Days	=	30	SEP	2019	-2259	TUE	ĺ	-5913	

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	S65E		
	Average Flow over	previous 14 days	Avg-Daily Flow
130CT19 Today=	13 OCT 2019	322 MON	344
130CT19 -1 Day =	12 OCT 2019	319 SUN	97
130CT19 -2 Days =	11 OCT 2019	335 SAT	127
130CT19 -3 Days =	10 OCT 2019	350 FRI	271
130CT19 -4 Days =	09 OCT 2019	391 THU	410
130CT19 -5 Days =	08 OCT 2019	442 WED	407
130CT19 -6 Days =	07 OCT 2019	486 TUE	348
130CT19 -7 Days =	06 OCT 2019	545 MON	390
130CT19 -8 Days =	05 OCT 2019	609 SUN	231
130CT19 -9 Days =	04 OCT 2019	701 SAT	426
130CT19 -10 Days =	03 OCT 2019	806 FRI	338
130CT19 -11 Days =	02 OCT 2019	918 THU	230
130CT19 -12 Days =	01 OCT 2019	1053 WED	449
130CT19 -13 Days =	30 SEP 2019	1069 TUE	446

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						Se	55EX1					
					Average	Flov	v over	previous	14 days		Avg-Daily Flow	1
	130CT19		Today	/=	13	OCT	2019	154	MON		175	
	130CT19	-1	Day	=	12	OCT	2019	162	SUN		268	
	130CT19	-2	Days	=	11	OCT	2019	179	SAT		271	
	130CT19	-3	Days	=	10	OCT	2019	189	FRI	Í	136	
	130CT19	-4	Days	=	09	OCT	2019	207	THU	Í	33	
	130CT19	-5	Days	=	08	OCT	2019	244	WED		217	
	130CT19	-б	Days	=	07	OCT	2019	265	TUE		104	
	130CT19	-7	Days	=	06	OCT	2019	286	MON	Í	130	
	130CT19	-8	Days	=	05	OCT	2019	305	SUN	Í	129	
	130CT19	-9	Days	=	04	OCT	2019	301	SAT	Í	129	
	130CT19	-10	Days	=	03	OCT	2019	314	FRI	Í	132	
	130CT19	-11	Days	=	02	OCT	2019	329	THU	Í	131	
	130CT19	-12	Days	=	01	OCT	2019	318	WED	Í	195	
	130CT19	-13	Days	=	30	SEP	2019	410	TUE	Í	109	

_ Lake Okeechobee Outlets Last 14 Days

	S-77	Below S-77	S-78	S-79		
	Discharge	Discharge	Discharge	Discharge		
		(ALL-DAY)				
DATE	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)		
13 OCT 2019		839	640	1578		
12 OCT 2019	312	753	1110	1941		
11 OCT 2019	б	585	1643	2109		
10 OCT 2019	3	401	779	1072		
09 OCT 2019	177	880	696	1590		
08 OCT 2019		1903	1518	1297		
07 OCT 2019	2557	2565	1511	1534		
06 OCT 2019	2368	2240	1459	2417		
05 OCT 2019	1660	1355	1179	1167		
04 OCT 2019	529	656	14	6		
03 OCT 2019	494	694	14	5		
02 OCT 2019	435	718	14	8		
01 OCT 2019	524	666	7	3		
30 SEP 2019	133	183	12	б		
	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)	
13 OCT 2019		0	0	0	120	
12 OCT 2019	8	0	0	0	43	
11 OCT 2019	-37	0	0	0	96	
10 OCT 2019	-110	0	0	0	45	
09 OCT 2019	-19	0	0	0	204	
08 OCT 2019		0	0	0	222	
07 OCT 2019		911	397	412	323	
06 OCT 2019	112	2329	1209	995	350	
05 OCT 2019		2567	1107	1231	349	
04 OCT 2019		2769	1299	1299	378	
03 OCT 2019	243	2953	933	1108	352	
02 OCT 2019		2685	1227	851	306	
01 OCT 2019	284	2414	1313	878	356	
30 SEP 2019	355	2122	1341	900	353	
	S-308	Below S-30				
	D	D la	D 1-	_		

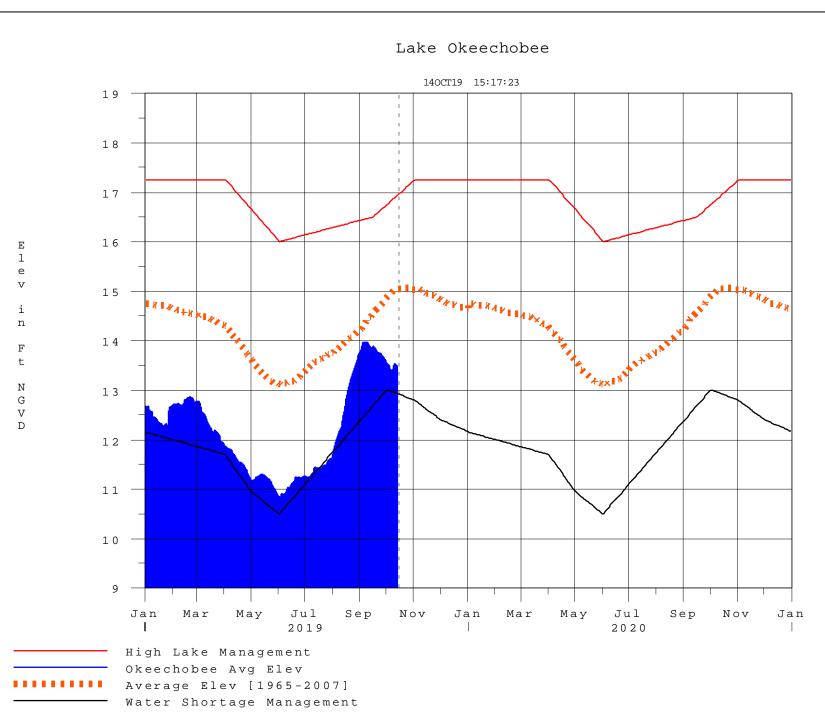
			S-308	Below S-308	S-80
			Discharge	Discharge	Discharge
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)
	DATE]	(AC-FT)	(AC-FT)	(AC-FT)
13	OCT	2019	-2	135	-NR-
12	OCT	2019	-2	61	20
11	OCT	2019	-1	-47	20
10	OCT	2019	- 0	16	23
09	OCT	2019	- 0	117	27
08	OCT	2019	0	-106	10
07	OCT	2019	0	210	10
06	OCT	2019	1	112	19
05	OCT	2019	0	258	27
04	OCT	2019	1	91	33
03	OCT	2019	0	99	10
02	OCT	2019	0	56	16
01	OCT	2019	0	58	22
30	SEP	2019	0	59	19

and	T o oltro et o o	Dischauser	£	- - 0015 h-		2400 bree		
	 Lockages	Discharges	Lroi		rs to .	2400 nrs.		_

(I) - Flows preceeded 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 140CT2019 @ 15:15 ** 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

• <u>6-15 Day Precipitation Outlook Categories</u>

Table ?? in the Lake Okeechobee Water Control Plan

<u>Classification of Lake Okeechobee Net Inflow for Seasonal</u>

<u>Outlook</u>

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

Tributary Hydrologic Classification*	Palmer Index Class Limits	2-wk Mean L.O. Net 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
	[]	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