Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 9/23/2019 (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	Croley's Method ^{1*} Season		SFWMD Empirical Method ²		Neutr	ampling of al ENSO ears ³	Sub-sampling of AMO Warm + Neutral ENSO Years ⁴		
	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	Condition	
Current (Sep- Feb)	N/A	N/A	1.25	Normal	1.59	Wet	3.04	Very Wet	
Multi Seasonal (Sep- Apr)	N/A	N/A	1.44	Normal	1.70	Normal	3.37	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:

-659 cfs 14-day running average for Lake Okeechobee Net Inflow through 9/22/2019. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

-0.96 for Palmer Index on 9/21/2019.

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 9/23/2019

Lake Okeechobee Stage: 13.75 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	16.61	
	High sub-band	16.24	
Operational Band	Intermediate sub-band	15.82	
	Low sub-band	14.23	
Base Flow sub-ba	nd	12.88	← 13.75
Beneficial Use sub	o-band	12.83	
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 & S-80 Up to 200 cfs.

Adaptive Protocol's Release Guidance: Caloosahatchee Estuary

Release Guidance Flow Chart Outcome: No releases.

Back to Lake Okeechobee Operations Main Page

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

LORS2008 Implementation on 09/23/2019 (ENSO Neutral Condition):

Status for week ending 09/23/2019:

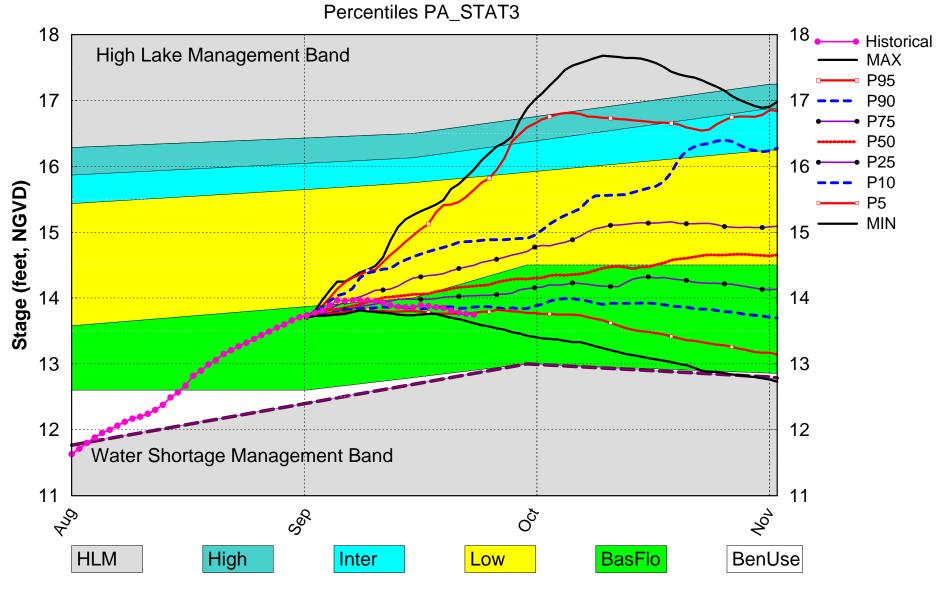
District wide, Raindar rainfall was 0.28 inches for the week. Lake stage on 9/23/2019 was 13.75 ft, NGVD, down 0.14 ft from last week .The updated September 2019 SFWMM Dynamic Position Analysis percentile graph for Lake Okeechobee show that the current lake stage is in the Base-Flow Sub-Band. The LORS2008 Tributary Hydrologic Conditions (THC) are classified as **Normal**. The PDI indicates normal conditions and the LONIN is dry. The THC classification is based on the wetter of the two indices.

Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months		
	Palmer Index for LOK Tributary Conditions	-0.96 (Normal to Extremely Wet)	L
	CPC Provinitation Outlook	1 month: Above Normal	L
LOK	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook ENSO Forecast (positive)	1.59 ft (Normal to Extremely Wet)	L
	LOK Multi-Seasonal Net Inflow Outlook	1.70 ft (Normal)	М
	ENSO Forecast (positive)		
	WCA 1: 3 Station Average (Site 1-7, Site 1-8T & Site 1-9)	Above Line 1 (16.44 ft)	L
WCAs	WCA 2A: Site 2-17 HW	Above Line 1 (12.44 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64, and 65)	Above Line 1 (10.39 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.

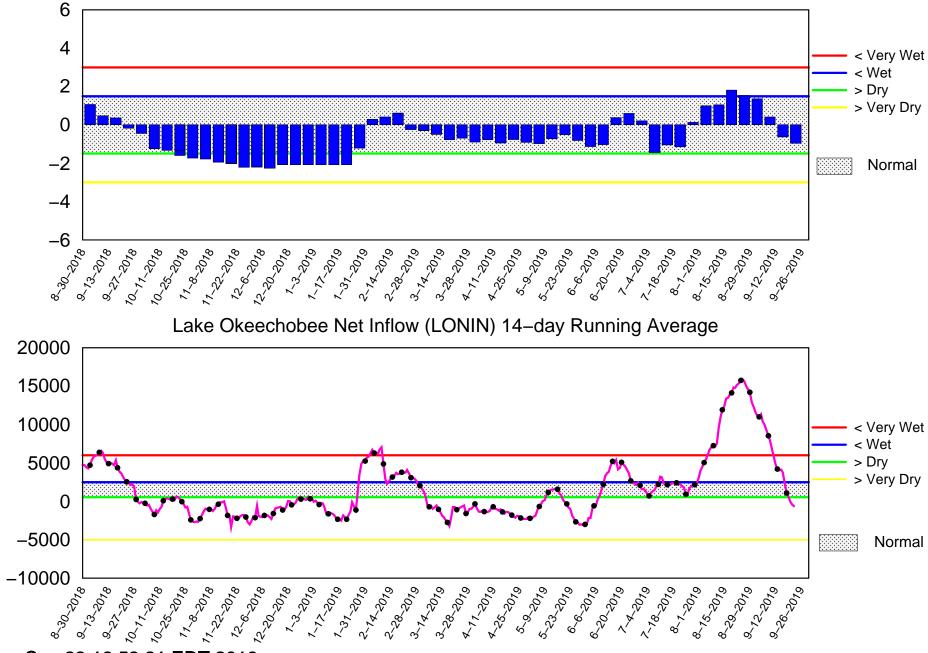
Lake Okeechobee SFWMM Sep 2019 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of September 23 2019

Palmer Index

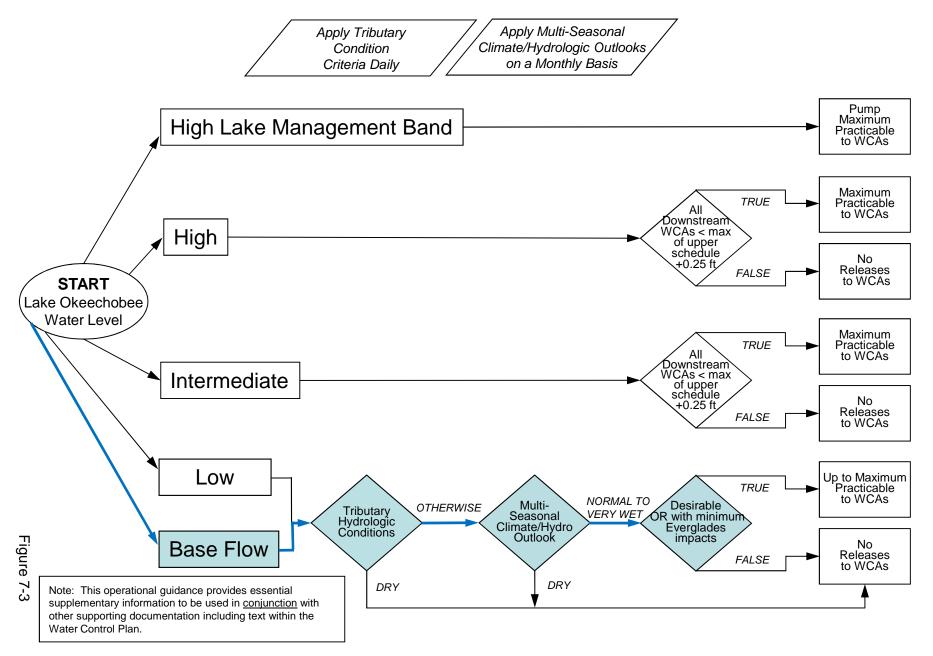


Mon Sep 23 16:53:21 EDT 2019

Flow (cfs)

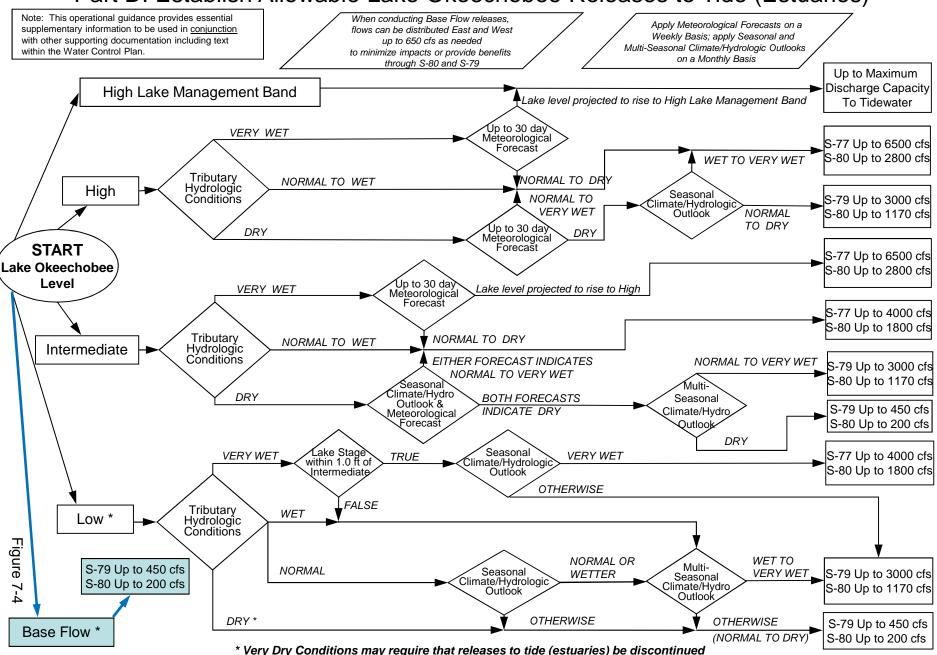
2008 LORS

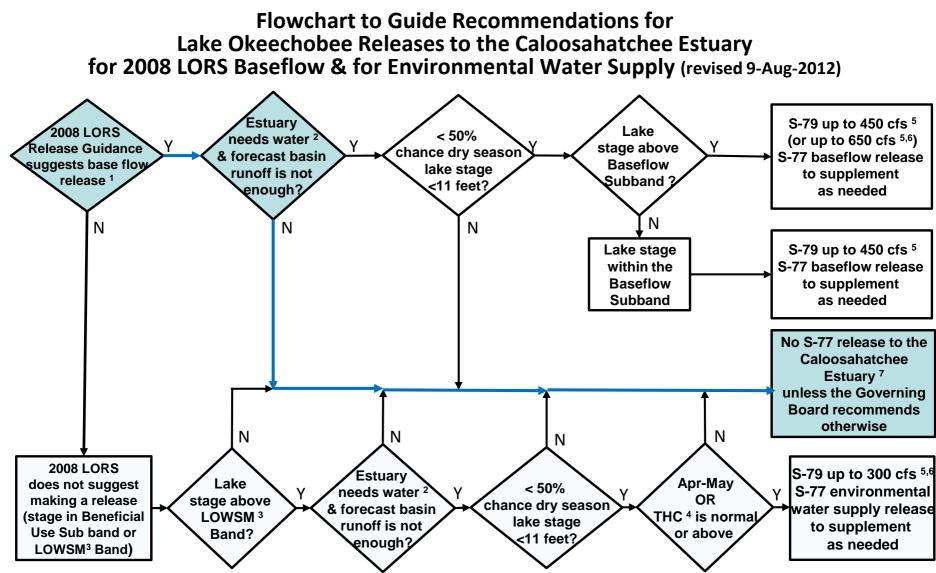
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



2008 LORS

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





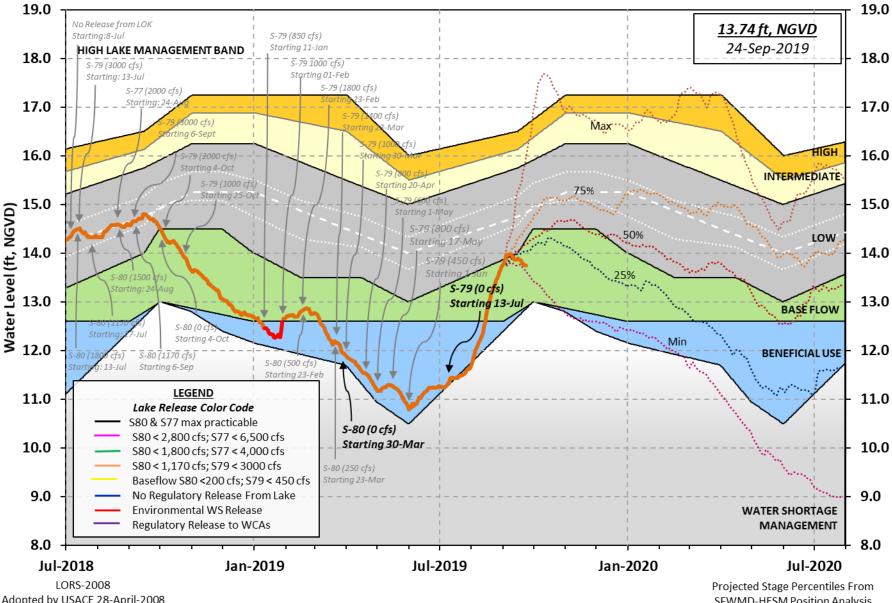
¹The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands.

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

Adopted by USACE 28-April-2008

SFWMD-HESM Position Analysis

U. S. Army Corps of Engineers, Jacksonville District Lake Okeechobee and Vicinity Report ** Preliminary Data - Subject to Revision ** Data Ending 2400 hours 22 SEP 2019 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) 13.75 *Okeechobee Lake Elevation 14.69 -NR- (Official Elv) Bottom of High Lake Mngmt= 16.61 Top of Water Short Mngmt= 12.83 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 13.63 Difference from Average LORS2008 0.12 22SEP (1965-2007) Period of Record Average 14.69 Difference from POR Average -0.94 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 7.69' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 \div 5.89' Bridge Clearance = 49.70' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 13.60 13.91 13.81 13.74 14.04 13.78 13.57 13.54 *Combination Okeechobee Avg-Daily Lake Average = 13.75 (*See Note) Okeechobee Inflows (cfs): Fisheating Cr 394 S65E 1128 S65EX1 102 0 S135 Pumps S154 0 S191 0 0 S133 Pumps S84 49 S2 Pumps 0 S84X 0 0 0 S127 Pumps S3 Pumps S71 35 S129 Pumps 0 S4 Pumps 0 0 S72 0 S131 Pumps C5 0 Total Inflows: 1708 Okeechobee Outflows (cfs): S77 424 33 S135 Culverts 0 S354 S351 0 S127 Culverts 516 S308 -1 S129 Culverts 0 S352 533 S131 Culverts 0 L8 Canal Pt -0 Total Outflows: 1506

	Headwater	Tailwater				Gat	e Pos	sitior	ıs	
	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6 #7	
#8	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft) (ft)	
(ft)										
North East S	horo	(1) see n	ote at	bott	com				
S133 Pumps S193:		13.61	0	0	0	0	0	0	(cfs)	
S191:	18.46	13.61	0	0.0	0.0	0.0				
S135 Pumps	: 12.85	13.58	0	0	0	0	0		(cfs)	
S135 Culve	rts:		0	0.0	0.0					
North West S	hore									
S65E:	21.07	13.39	1128	0.3	0.3	0.3	0.8	0.3	0.3	
S65EX1:			394							
S127 Pumps		13.61	0	0	0	0	0	0	(cfs)	
S127 Culve	rt:		0	0.0						
S129 Pumps	: 12.85	13.84	0	0	0	0			(cfs)	
S129 Culve	rt:		0	0.0						
S131 Pumps	: 12.78	13.88	0	0	0				(cfs)	
S131 Culve	rt:		0							
Fisheating	Creek									
nr Palmd		30.65	102							
nr Lakep	ort									
C5:		-NR-	0	-NF	2NI	RNF	ર–			
South Shore										
	11.98	13.92	0	0	0	0			(cfs)	
S169:	13.94		131	0.5					(020)	
S310:	13.91		145							

 S3 Pumps:
 10.85
 13.89
 0
 0
 0
 0
 (cfs)

 S354:
 13.89
 10.85
 424
 0.7
 1.0
 (cfs)

 S2 Pumps:
 10.58
 -NR 0
 0
 0
 0
 (cfs)

 S351:
 -NR 10.58
 516
 0.7
 0.2
 1.2

 S352:
 13.83
 10.19
 533
 0.6
 0.9

 C10A:
 -NR 12.06
 8.0
 8.0
 0.0
 0.0

 L8 Canal PT
 11.89
 -0
 -0
 -0
 -0
 -0
 -0

 S351 and S352 Temporary Pumps/S354 Spillway 10.58 516 -NR--NR--NR--NR--NR-S351: -NR-
 10.19
 13.83
 533
 -NR--NR--NR

 10.85
 13.89
 424
 -NR--NR--NR S352: S354: Caloosahatchee River (S77, S78, S79) S47B: 13.14 12.80 2.5 3.0 11.20 78 1.0 S47D: 12.65 S77: Spillway and Sector Preferred Flow: 13.72 11.06 31 0.0 0.0 0.0 0.0 2 Flow Due to Lockages+: S78: Spillway and Sector Flow: 0 0.0 0.0 0.0 0.0 11.08 3.06 Flow Due to Lockages+: 5 S79: Spillway and Sector Flow: 3.21 1.16 220 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 11 Flow Due to Lockages+: flow from S77 14 (ppm) 50 Percent of flow from S77 14% Chloride St. Lucie Canal (S308, S80) S308: Spillway and Sector Preferred Flow: 13.62 13.80 0 0.0 0.0 0.0 0.0 -1 Flow Due to Lockages+: S153: 18.60 13.68 45 0.0 0.0 S80: Spillway and Sector Flow: 13.84 1.44 288 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 17 Percent of flow from S308 0% 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

				W	ind
- Daily Precipitation Totals	1-Day	3-Day	7-Day	Directio	on
Speed			<i></i>	(
(mpb)	(inches)	(inches)	(inches)	(Degø)	
(mph) S122 Dump Station:	-NR-	0.00	0.00		
S133 Pump Station: S193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:		0.00	0.00	INIC	INIC
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:	0.42	0.49	0.54	22	6
S78:	24.25	24.27	24.59	1	2
S79:	33.05	33.05	33.06	32	5
S4 Pump Station:	-NR-	0.00	0.00	_	-
Clewiston Field Station:	-NR-	0.00	0.00		
S3 Pump Station:	-NR-	0.00	0.00		
S2 Pump Station:	-NR-	0.00	0.00		
S308:		25.27	25.33	71	5
S80:	1.44	1.65	1.75	108	8
S80: Okeechobee Average				108	8
Okeechobee Average (Sites S78, S79 and	12.81 S80 not inc	1.98 luded)		108	8
Okeechobee Average	12.81 S80 not inc	1.98 luded)	1.99	108	8
Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg	12.81 S80 not inc 0.00	1.98 luded) 0.15	1.99 0.29		
Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg 	12.81 S80 not inc 0.00	1.98 luded) 0.15	1.99		
Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 22SEP19 22SEP19 -1 Day =	12.81 . S80 not inc 0.00 	1.98 luded) 0.15	1.99 0.29		n.
Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg 	12.81 . S80 not inc 0.00 	1.98 luded) 0.15	1.99 0.29 13.75 Differ	rence from	n 01
Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg 	12.81 S80 not inc 0.00 22 SEP 2019 21 SEP 2019 20 SEP 2019	1.98 luded) 0.15	1.99 0.29 13.75 Differ 13.76	rence from	n 01 03
Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg 	12.81 . S80 not inc 0.00 	1.98 luded) 0.15	1.99 0.29 13.75 Differ 13.76 13.78	 cence from 0.0	n 01 03 06
Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg 	12.81 S80 not inc 0.00 22 SEP 2019 21 SEP 2019 20 SEP 2019	1.98 luded) 0.15	1.99 0.29 13.75 Differ 13.76 13.78 13.81	rence from 0.0 0.0	n 01 03 06 10
Okeechobee Lake Elevations 22SEP19 -1 Day = 22SEP19 -2 Days = 22SEP19 -3 Days = 22SEP19 -4 Days =	12.81 S80 not inc 0.00 22 SEP 2019 21 SEP 2019 20 SEP 2019 19 SEP 2019 18 SEP 2019	1.98 luded) 0.15	1.99 0.29 13.75 Differ 13.76 13.78 13.81 13.81 13.85	cence from 0.0 0.0 0.1	n 01 03 06 10 11
Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg 	12.81 S80 not inc 0.00 22 SEP 2019 21 SEP 2019 20 SEP 2019 19 SEP 2019 18 SEP 2019 17 SEP 2019	1.98 luded) 0.15	1.99 0.29 13.75 Differ 13.76 13.78 13.81 13.85 13.86	rence from 0.0 0.0 0.0 0.1 0.1 0.1 0.1 0.1	n 01 03 06 10 11 13
Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg 	12.81 S80 not inc 0.00 22 SEP 2019 21 SEP 2019 20 SEP 2019 19 SEP 2019 18 SEP 2019 17 SEP 2019 16 SEP 2019	1.98 luded) 0.15	1.99 0.29 13.75 Differ 13.76 13.78 13.81 13.85 13.86 13.88	rence from 0. 0. 0. 0. 0. 0. 0.	n 01 03 06 10 11 13 14
Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 22SEP19 22SEP19 -1 Day = 22SEP19 -2 Days = 22SEP19 -3 Days = 22SEP19 -4 Days = 22SEP19 -5 Days = 22SEP19 -6 Days = 22SEP19 -7 Days =	12.81 . S80 not inc 0.00 22 SEP 2019 21 SEP 2019 20 SEP 2019 19 SEP 2019 18 SEP 2019 17 SEP 2019 16 SEP 2019 15 SEP 2019	1.98 luded) 0.15	1.99 0.29 13.75 Differ 13.76 13.78 13.81 13.85 13.86 13.88 13.88 13.89	rence from 0. 0. 0. 0. 0. 0. 0. 0.	m 01 03 06 10 11 13 14 43

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

22SEP19	Today	=	22	SEP	2019	226	MON	-613
22SEP19	-1 Day	=	21	SEP	2019	504	SUN	-2926
22SEP19	-2 Days	=	20	SEP	2019	968	SAT	-NR-
22SEP19	-3 Days	=	19	SEP	2019	1215	FRI	-NR-
22SEP19	-4 Days	=	18	SEP	2019	1086	THU	-786
22SEP19	-5 Days	=	17	SEP	2019	2362	WED	-2096
22SEP19	-6 Days	=	16	SEP	2019	3721	TUE	725
22SEP19	-7 Days	=	15	SEP	2019	4123	MON	9956
22SEP19	-8 Days	=	14	SEP	2019	4017	SUN	3649
22SEP19	-9 Days	=	13	SEP	2019	4210	SAT	1055
22SEP19 -	10 Days	=	12	SEP	2019	4894	FRI	-261
22SEP19 -	11 Days	=	11	SEP	2019	5820	THU	-4271
22SEP19 -	12 Days	=	10	SEP	2019	6881	WED	-2923
22SEP19 -	13 Days	=	09	SEP	2019	7994	TUE	1202

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						Se	55E			
					Average	Flov	v over	previous	14 days	Avg-Daily Flow
2	22SEP19		Today	/=	22	SEP	2019	749	MON	1293
	22SEP19	-1	Day	=	21	SEP	2019	711	SUN	1529
	22SEP19	-2	Days	=	20	SEP	2019	710	SAT	1891
	22SEP19	-3	Days	=	19	SEP	2019	700	FRI	1914
	22SEP19	-4	Days	=	18	SEP	2019	703	THU	2130
	22SEP19	-5	Days	=	17	SEP	2019	740	WED	642
	22SEP19	-6	Days	=	16	SEP	2019	897	TUE	288
	22SEP19	-7	Days	=	15	SEP	2019	1149	MON	231
	22SEP19	-8	Days	=	14	SEP	2019	1466	SUN	443
	22SEP19	-9	Days	=	13	SEP	2019	1763	SAT	0
	22SEP19	-10	Days	=	12	SEP	2019	2124	FRI	0
	22SEP19	-11	Days	=	11	SEP	2019	2476	THU	0
2	22SEP19	-12	Days	=	10	SEP	2019	2841	WED	0
	22SEP19	-13	Days	=	09	SEP	2019	3232	TUE	131

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						Se	55EX1			
					Average	Flov	v over	previous	14 days	Avg-Daily Flow
	22SEP19		Today	<u>/</u> =	22	SEP	2019	1990	MON	394
	22SEP19	-1	Day	=	21	SEP	2019	2270	SUN	75
	22SEP19	-2	Days	=	20	SEP	2019	2577	SAT	-NR-
	22SEP19	-3	Days	=	19	SEP	2019	2667	FRI	-NR-
	22SEP19	-4	Days	=	18	SEP	2019	2746	THU	0
	22SEP19	-5	Days	=	17	SEP	2019	3011	WED	1290
	22SEP19	-б	Days	=	16	SEP	2019	3190	TUE	1980
	22SEP19	-7	Days	=	15	SEP	2019	3257	MON	1985
	22SEP19	-8	Days	=	14	SEP	2019	3259	SUN	1989
	22SEP19	-9	Days	=	13	SEP	2019	3258	SAT	2555
	22SEP19	-10	Days	=	12	SEP	2019	3216	FRI	2889
	22SEP19	-11	Days	=	11	SEP	2019	3165	THU	3201
	22SEP19	-12	Days	=	10	SEP	2019	3111	WED	3768
	22SEP19	-13	Days	=	09	SEP	2019	3017	TUE	3753

_ Lake Okeechobee Outlets Last 14 Days

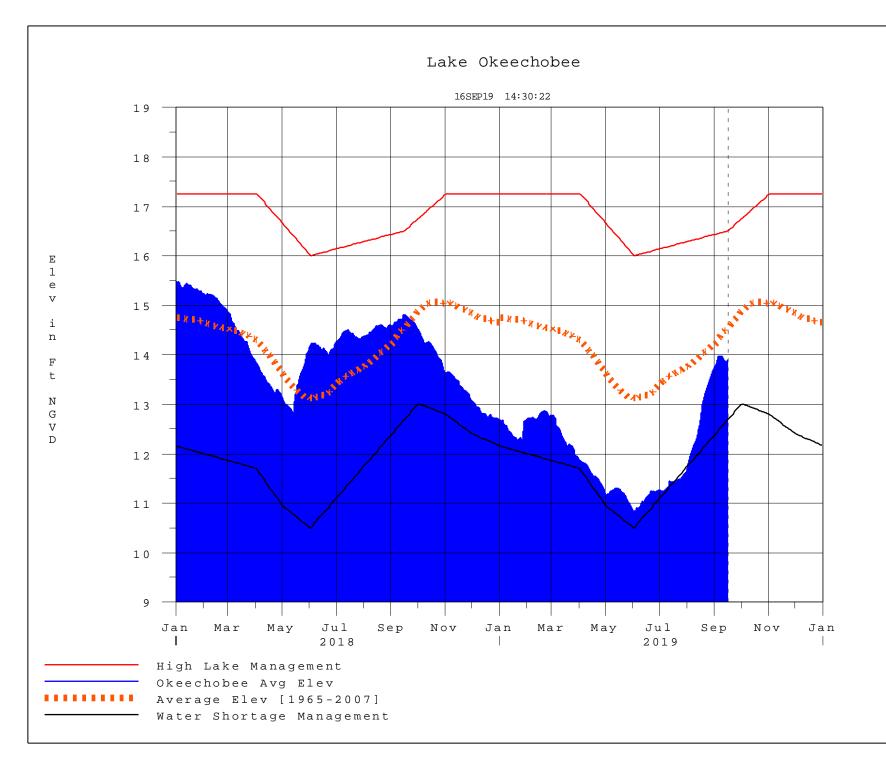
	-77 Below S-77		S-79	
	charge Discharge	-	Discharge	
	DAY) (ALL-DAY)		(ALL DAY)	
	C-FT) (AC-FT)	(AC-FT)	(AC-FT)	
22 SEP 2019	59 211	9	467	
21 SEP 2019	195 478	7	613	
20 SEP 2019	297 600	14	449	
19 SEP 2019	431 724	13	586	
18 SEP 2019	1 -142	6	1598	
17 SEP 2019	6 -119	11	706	
16 SEP 2019	4 111	14	509	
15 SEP 2019	3 43	165	1320	
14 SEP 2019	362 469	433	1162	
	1278	719	391	
	L637 1385	1182	3036	
	L685 1198	192	752	
10 SEP 2019	4 -29	304	1797	
09 SEP 2019	4 74	302	1723	
2	210 2 251	a 250		
	-310 S-351 charge Discharge	S-352 Diagharga	S-354	L8 Canal Pt
		-	Discharge (ALL DAY)	Discharge
				(ALL DAY)
	C-FT) (AC-FT) 288 1024	(AC-FT)	(AC-FT)	(AC-FT)
22 SEP 2019		1056	684 678	-1 2
21 SEP 2019	313 910	651		
20 SEP 2019	466 -NR-	-NR-	684	4
19 SEP 2019	492 -NR-	-NR-	724	3
18 SEP 2019	559 1116 507 1200	631	773	5
17 SEP 2019	587 1299	1964	855	1
16 SEP 2019	363 1828	1850	668	-5
15 SEP 2019	75 1713	1627	1176	-7 4
14 SEP 2019	23 851	1568	1346	
13 SEP 2019	189 875 125 1441	1546	1801 2021	7 3
12 SEP 2019	435 1441	1845		
11 SEP 2019	441 2393 715 2440	1842	1981	6
10 SEP 2019	715 2449	1837	2068	6
09 SEP 2019	334 2411	1767	2114	4
S-	-308 Below S-3	08 S-80		
	charge Discharg			
	DAY) (ALL-DAY			
	C-FT) (AC-FT)	(AC-FT)		
22 SEP 2019	-1 109	651		
21 SEP 2019	-1 101	527		
20 SEP 2019	-2 105	24		
19 SEP 2019	-1 2	24		
18 SEP 2019	-1 16	21		
17 SEP 2019	-0 59	21		
16 SEP 2019	-1 158	745		
15 SEP 2019	-1 -166	72		
14 SEP 2019	-0 165	31		
13 SEP 2019	-0 78	759		
12 SEP 2019	-1 68	284		
11 SEP 2019	-1 135	457		
10 SEP 2019	-1 113	42		
09 SEP 2019	-1 89	45		

ana		Lockages	Discharges	from	n 0015 hi	rs to 2	2400 hrs.			
*** and	NOTE:	Discharge	e (ALL DAY)	is c	computed	using	Spillway,	Sector	Gate	

(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 23SEP2019 @ 23:39 ** 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

• <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

Back to Lake Okeechobee Operations Main Page

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