Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 6/17/2019 (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*}		SFWMD Empirical Method ²		ampling of ral ENSO rears ³	Sub-sampling of AMO Warm + Neutral ENSO Years ⁴		
	Value (ft)	Condition	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	Condition	
Current (Jun- Nov)	N/A	N/A	2.90	Very Wet	3.09	Very Wet	4.07	Very Wet	
Multi Seasonal (Jun-Apr)	N/A	N/A	3.33	Wet	3.68	Wet	5.71	Very 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:

4927 cfs 14-day running average for Lake Okeechobee Net Inflow through 6/16/2019. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Wet.

0.38 for Palmer Index on 6/15/2019.

According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

The wetter of the two conditions above is Wet.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 6/17/2019

Lake Okeechobee Stage: 11.18 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	16.07	
	High sub-band	15.59	
Operational Band	Intermediate sub-band	15.11	
	Low sub-band	13.15	
Base Flow sub-ba	nd	12.60	
Beneficial Use sub-band			← 11.18
Water Shortage M	lanagement Band	10.81	

Part C of LORS2008: Discharge to WCA's

Lake Okeechobee stage is within the Beneficial Use Sub-band therefore, no releases to the WCAs to manage lake stages

Part D of LORS2008: Discharge to Tidewater

Lake Okeechobee stage is within the Beneficial Use Sub-band therefore, no releases to the St. Lucie or Caloosahatchee Estuaries to manage lake stages.

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 06/17/2019 (ENSO El Niño Condition):

Status for week ending 06/17/2019:

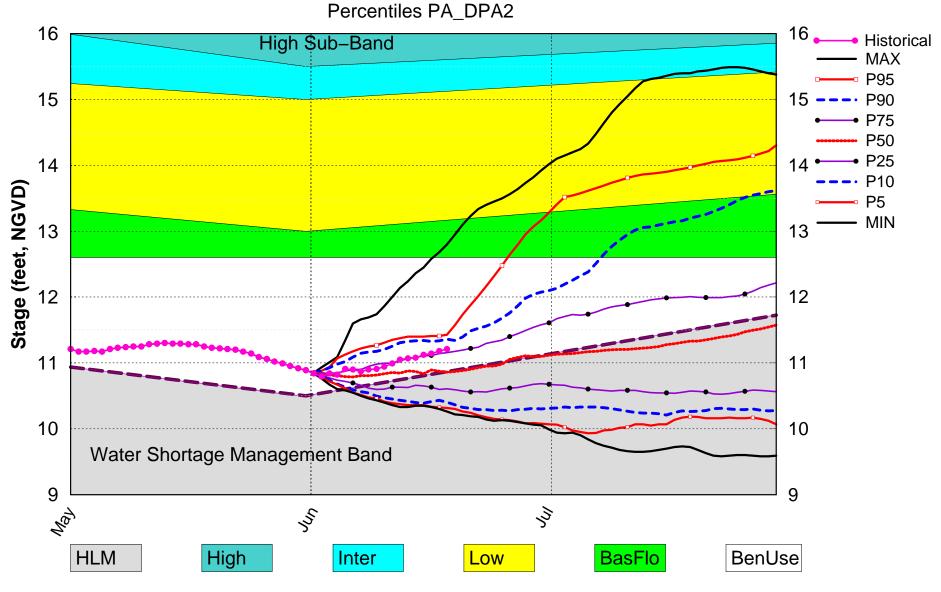
District wide, Raindar rainfall was 2.84 inches for the week. Lake stage on 6/17/2019 was 11.18 ft, NGVD, up 0.24 ft from last week .The updated June 2019 SFWMM Dynamic Position Analysis percentile graph for Lake Okeechobee show that the current lake stage is in the Beneficial Use Sub-band. The LORS2008 Tributary Hydrologic Conditions (THC) are classified as **Wet.** The PDI indicates normal conditions and the LONIN is wet. 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 **Beneficial Use Sub-Band** Μ months 0.38 Palmer Index for LOK Tributary L Conditions (Normal to Extremely Wet) 1 month: Normal L **CPC** Precipitation Outlook LOK 3 months: Normal L LOK Seasonal Net Inflow Outlook 3.09 ft (Normal to Extremely Wet) ENSO Forecast (positive) LOK Multi-Seasonal Net Inflow Outlook 3.68 ft (Wet) L ENSO Forecast (positive) WCA 1: Canal Gauge Above Line 1 (16.14 ft) L (Site 1-8C) **WCAs** WCA 2A: Site 2-17 HW Above Line 1 (11.97 ft) L WCA-3A: 3 Station Average (Site 63, Above Line 1 (9.42 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 in effect

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.

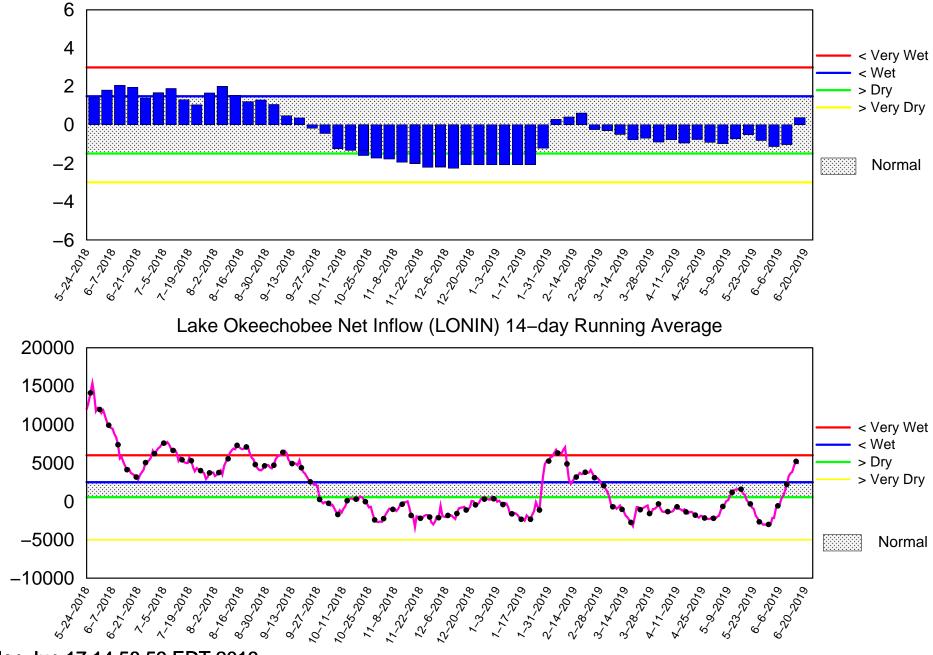
Lake Okeechobee SFWMM Jun 2019 Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of June 17 2019

Palmer Index

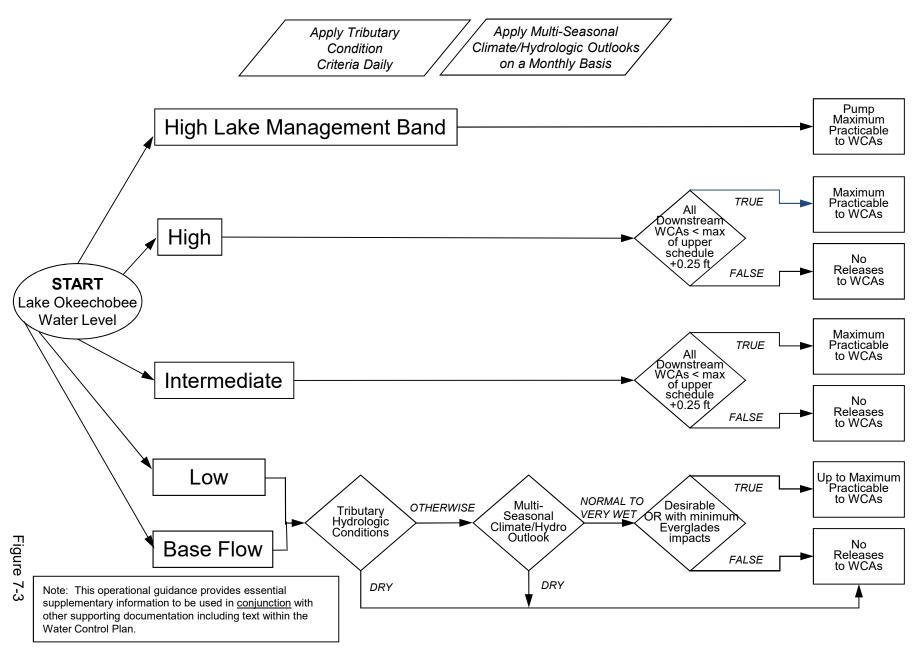


Mon Jun 17 14:58:59 EDT 2019

Flow (cfs)

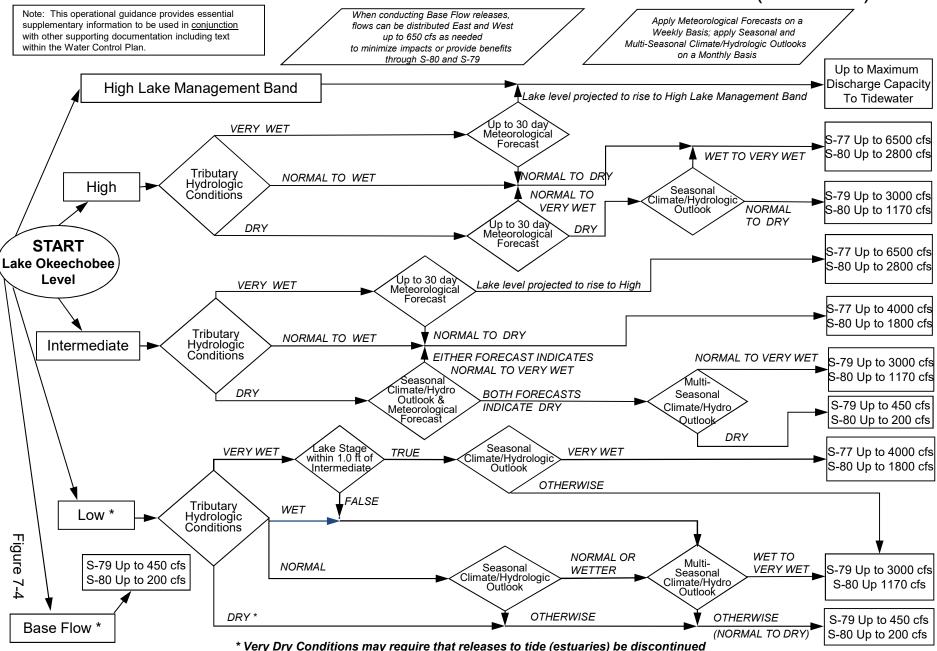
2008 LORS

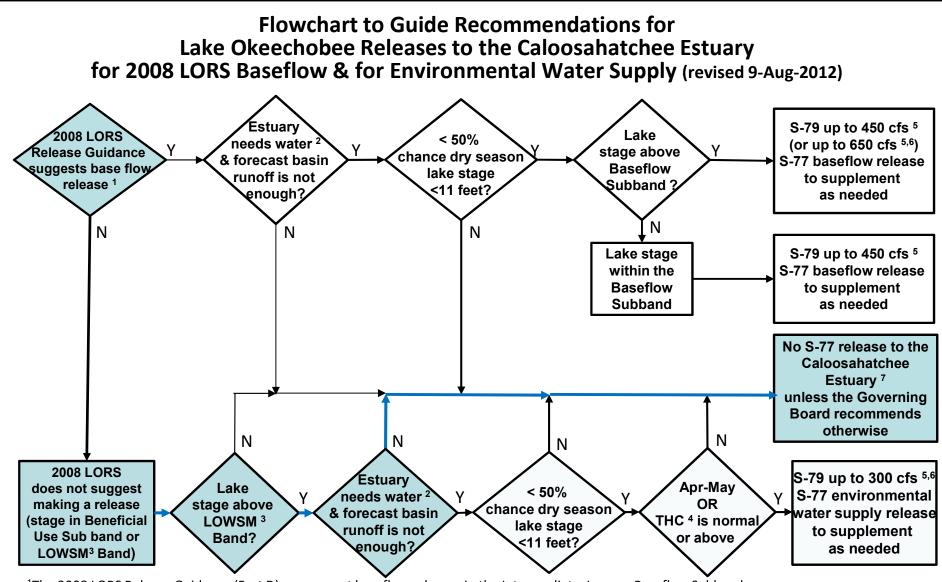
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



2008 LORS

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

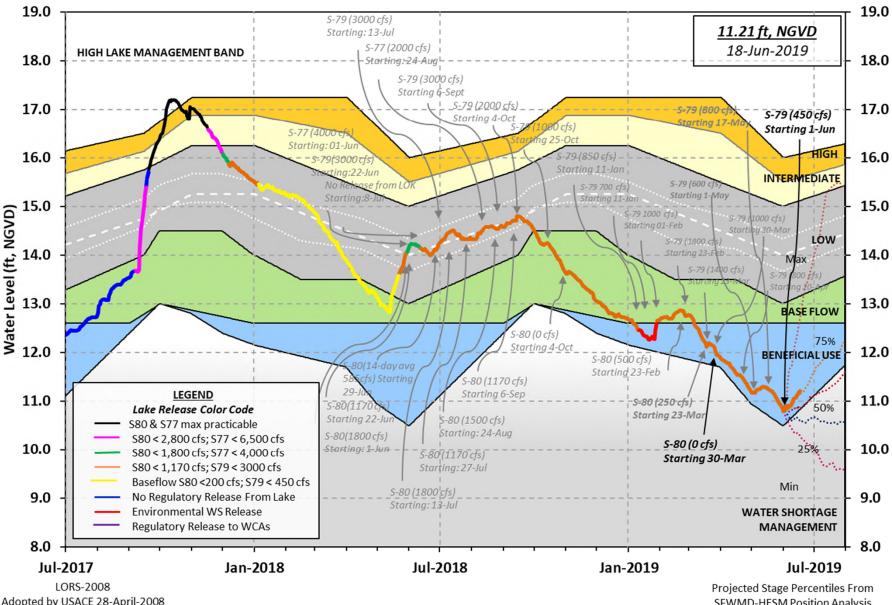




¹The 2008 LORS Release Guidance (Part D) can suggest baseflow releases in the Intermediate, Low, or Baseflow Subbands. ²Estuary "needs" water when the 30-day moving average salinity at I-75 bridge is projected to exceed 5 practical salinity units (psu) within 2 weeks. ³LOWSM = Lake Okeechobee Water Shortage 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 16 JUN 2019 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) 11.18 *Okeechobee Lake Elevation 14.13 -NR- (Official Elv) Bottom of High Lake Mngmt= 16.07 Top of Water Short Mngmt= 10.81 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 12.02 Difference from Average LORS2008 -0.84 16JUN (1965-2007) Period of Record Average 13.18 Difference from POR Average -2.00 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 5.12' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ÷ 3.32' Bridge Clearance = 50.30' 4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 11.16 11.52 11.16 11.10 11.14 -NR- 11.05 11.17 *Combination Okeechobee Avg-Daily Lake Average = 11.18 (*See Note) Okeechobee Inflows (cfs): 226 S65E 240 S65EX1 Fisheating Cr 30 S135 Pumps S154 0 S191 0 0 0 S133 Pumps S84 884 S2 Pumps 0 S84X 0 0 0 S127 Pumps S3 Pumps S71 422 S129 Pumps 18 S4 Pumps 0 S72 0 S131 Pumps 29 C5 0 Total Inflows: 1848 Okeechobee Outflows (cfs): 0 S77 S135 Culverts 0 S354 1 0 S127 Culverts S351 0 S308 -5 S129 Culverts 0 S352 0 S131 Culverts 0 Total Outflows: -21 L8 Canal Pt -17

```
****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 0.15
Average Pan Evap x 0.75 Pan Coefficient = 0.12" = 0.01'
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 7058 cfs or 14000 AC-FT
```

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	Headwater	Tailwater				Gat	ce Pos	sition	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)										
		(I) see n	ote at	t bott	com				
North East Sl										
S133 Pumps S193:	: 12.57	11.03	0	0	0	0	0	0	(cfs)
S191:	17.03	11.01	0	0.0	0.0	0.0				
S135 Pumps	: 13.01	10.87	0	0	0	0	0		(cfs)
S135 Culve:	rts:		0	0.0	0.0					
North West S	hore									
S65E:	21.04	10.90	240	0.5	0.0	0.0	0.0	0.0	0.0	
S65EX1:	21.04	10.90	226							
S127 Pumps	: 12.92	11.26	0	0	0	0	0	0	(cfs)
S127 Culve:			0	0.0						
S129 Pumps	: 12.79	13.03	18	0	19	0			(cfs)
S129 Culve:			0	0.0						,
S131 Pumps	: 12.92	11.54	29	0	-NR-				(cfs)
S131 Culve:		11.01	0	Ū					(010	/
Fisheating	Creek									
nr Palmda		29.61	30							
nr Lakep	ort									
C5:		-NR-	0	-NF	RNF	RNH	ર–			
South Shore										
S4 Pumps:	11.29	11.28	0	0	0	0			(cfs)
S169:	11.29	11.27	-11	4.9	4.9	4.9			-	
S310:	11.18		-58							

 S3 Pumps:
 9.44
 11.12
 0
 0
 0
 0
 (cfs)

 S354:
 11.12
 9.44
 0
 0.0
 0.0
 0
 (cfs)

 S2 Pumps:
 10.20
 -NR 0
 0
 0
 0
 (cfs)

 S351:
 -NR 10.20
 0
 0.0
 0.0
 0.0
 (cfs)

 S352:

 9.47
 0
 0.0
 0.0
 0.0
 0.0

 C102:

 NR 11.17
 8.0
 8.0
 8.0
 0.0
 0.0

 -NR- 9.47 -NR- 11.17 11.02 -17 S352: ____ C10A: 8.0 8.0 8.0 0.0 0.0 L8 Canal PT S351 and S352 Temporary Pumps/S354 Spillway 10.20 S351: -NR- 0 -NR--NR--NR--NR--NR-S352: 9.47 0 -NR--NR--NR--NR-0 -NR--NR--NR--NR-9.44 11.12 S354: Caloosahatchee River (S77, S78, S79) S47B: 12.00 10.91 0.0 0.0 S47D: 10.92 10.92 10 5.6 S77: Spillway and Sector Preferred Flow: 11.10 10.82 1 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 0 S78: Spillway and Sector Flow: 10.76 3.00 1016 0.5 3.0 0.0 0.0 Flow Due to Lockages+: 8 S79: Spillway and Sector Flow: 3.08 0.83 4151 0.0 0.0 3.0 3.0 3.0 3.0 3.0 0.0 Flow Due to Lockages+: 3 flow from S77 0 (ppm) 62 Percent of flow from S77 0% Chloride St. Lucie Canal (S308, S80) S308: Spillway and Sector Preferred Flow: 10.99 13.20 0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: -5 18.95 13.09 0 0.0 0.0 S153: S80: Spillway and Sector Flow: 13.26 1.63 461 0.0 2.5 0.0 0.0 2.5 0.0 0.0 Flow Due to Lockages+: 11 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

_				Wi	.nd
Daily Precipitation Totals	1-Day	3-Day	7-Day	Directio	on
Speed	(inches)	(inches)	(inches)	(Degø)	
(mph)	(Inches)	(Inches)	(Inches)	(Dego)	
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:	11.34	11.35	12.38	109	6
S78:	6.67	7.21	8.75	109	
S79:	9.97	11.07	13.02	72	!
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:	11.74	14.22	15.01	81	
S80:	10.52	10.85	12.09	116	:
Okeechobee Average	11.54	1.97	2.11		
(Sites S78, S79 and	S80 not inc				
Oke Nexrad Basin Avg		0.00	0.00		
 Neechobee Lake Elevations	16 JUN 2019		11 18 Differ	ence from	
	16 JUN 2019		11.18 Differ	ence from	1
16JUN19 16JUN19 -1 Day =	15 JUN 2019		11.18 Differ 11.14	rence from -0.0	
16JUN19 16JUN19 -1 Day = 16JUN19 -2 Days =	15 JUN 2019)4
16JUN19 16JUN19 -1 Day = 16JUN19 -2 Days =	15 JUN 2019 14 JUN 2019		11.14 11.12 11.08	-0.0 -0.0 -0.1)4)6 .0
16JUN19 16JUN19 -1 Day = 16JUN19 -2 Days = 16JUN19 -3 Days = 16JUN19 -4 Days =	15 JUN 2019 14 JUN 2019 13 JUN 2019 12 JUN 2019		11.14 11.12 11.08 11.07	-0.0 -0.0)4)6 .0
16JUN19 16JUN19 -1 Day = 16JUN19 -2 Days = 16JUN19 -3 Days = 16JUN19 -4 Days = 16JUN19 -5 Days =	15 JUN 2019 14 JUN 2019		11.14 11.12 11.08 11.07 11.05	-0.0 -0.0 -0.1)4)6 .0 .1
16JUN19 16JUN19 -1 Day = 16JUN19 -2 Days = 16JUN19 -3 Days = 16JUN19 -4 Days = 16JUN19 -5 Days = 16JUN19 -6 Days =	15 JUN 2019 14 JUN 2019 13 JUN 2019 12 JUN 2019 11 JUN 2019 10 JUN 2019		11.14 11.12 11.08 11.07 11.05 10.99	-0.0 -0.0 -0.1 -0.1 -0.1 -0.1)4)6 .0 .1 .3 .9
16JUN19 16JUN19 -1 Day = 16JUN19 -2 Days = 16JUN19 -3 Days = 16JUN19 -4 Days = 16JUN19 -5 Days = 16JUN19 -6 Days = 16JUN19 -7 Days =	15 JUN 2019 14 JUN 2019 13 JUN 2019 12 JUN 2019 11 JUN 2019		11.14 11.12 11.08 11.07 11.05 10.99 10.94	-0.0 -0.0 -0.1 -0.1 -0.1)4)6 .0 .1 .3 .9
16JUN19 -2 Days = 16JUN19 -3 Days = 16JUN19 -4 Days = 16JUN19 -5 Days = 16JUN19 -6 Days =	15 JUN 2019 14 JUN 2019 13 JUN 2019 12 JUN 2019 11 JUN 2019 10 JUN 2019		11.14 11.12 11.08 11.07 11.05 10.99	-0.0 -0.0 -0.1 -0.1 -0.1 -0.1)4)6 .0 .1 .3 .9 24
16JUN19 16JUN19 -1 Day = 16JUN19 -2 Days = 16JUN19 -3 Days = 16JUN19 -4 Days = 16JUN19 -5 Days = 16JUN19 -6 Days = 16JUN19 -7 Days =	<pre>15 JUN 2019 14 JUN 2019 13 JUN 2019 12 JUN 2019 11 JUN 2019 10 JUN 2019 09 JUN 2019</pre>		11.14 11.12 11.08 11.07 11.05 10.99 10.94	-0.0 -0.1 -0.1 -0.1 -0.1 -0.1 -0.2)4)6 .0 .1 .3 .9 24)7

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

_

16JUN19 Toda	ay =	16 JUN	2019	4964	MON	7059
16JUN19 -1 Day	<i>r</i> =	15 JUN	2019	5244	SUN	3529
16JUN19 -2 Day	/s =	14 JUN	2019	4676	SAT	7160
16JUN19 -3 Day	/s =	13 JUN	2019	3870	FRI	1815
16JUN19 -4 Day	/s =	12 JUN	2019	3674	THU	3630
16JUN19 -5 Day	/s =	11 JUN	2019	3308	WED	10739
16JUN19 -6 Day	/s =	10 JUN	2019	2236	TUE	8319
16JUN19 -7 Day	/s =	09 JUN	2019	1454	MON	5220
16JUN19 -8 Day	/s =	08 JUN	2019	748	SUN	2462
16JUN19 -9 Day	/s =	07 JUN	2019	352	SAT	5706
16JUN19 -10 Day	/s =	06 JUN	2019	-534	FRI	-2866
16JUN19 -11 Day	/S =	05 JUN	2019	-557	THU	698
16JUN19 -12 Day	/s =	04 JUN	2019	-921	WED	16565
16JUN19 -13 Day	/S =	03 JUN	2019	-2162	TUE	-535

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					se	55E			
				Average	Flow	v over	previous	14 days	Avg-Daily Flow
16JUN19		Today	/=	16	JUN	2019	186	MON	277
16JUN19	-1	Day	=	15	JUN	2019	170	SUN	250
16JUN19	-2	Days	=	14	JUN	2019	152	SAT	143
16JUN19	-3	Days	=	13	JUN	2019	155	FRI	204
16JUN19	-4	Days	=	12	JUN	2019	160	THU	241
16JUN19	-5	Days	=	11	JUN	2019	163	WED	253
16JUN19	-б	Days	=	10	JUN	2019	153	TUE	56
16JUN19	-7	Days	=	09	JUN	2019	158	MON	0
16JUN19	-8	Days	=	08	JUN	2019	166	SUN	158
16JUN19	-9	Days	=	07	JUN	2019	183	SAT	368
16JUN19	-10	Days	=	06	JUN	2019	185	FRI	106
16JUN19	-11	Days	=	05	JUN	2019	209	THU	293
16JUN19	-12	Days	=	04	JUN	2019	227	WED	134
16JUN19	-13	Days	=	03	JUN	2019	257	TUE	128

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	S65EX1		
	Average Flow over	previous 14 days	Avg-Daily Flow
16JUN19 Today=	16 JUN 2019	112 MON	226
16JUN19 -1 Day =	15 JUN 2019	108 SUN	199
16JUN19 -2 Days =	14 JUN 2019	113 SAT	229
16JUN19 -3 Days =	13 JUN 2019	114 FRI	85
16JUN19 -4 Days =	12 JUN 2019	110 THU	0
16JUN19 -5 Days =	11 JUN 2019	110 WED	66
16JUN19 -6 Days =	10 JUN 2019	124 TUE	296
16JUN19 -7 Days =	09 JUN 2019	126 MON	114
16JUN19 -8 Days =	08 JUN 2019	125 SUN	123
16JUN19 -9 Days =	07 JUN 2019	132 SAT	0
16JUN19 -10 Days =	06 JUN 2019	147 FRI	0
16JUN19 -11 Days =	05 JUN 2019	162 THU	0
16JUN19 -12 Days =	04 JUN 2019	178 WED	121
16JUN19 -13 Days =	03 JUN 2019	192 TUE	106

_ Lake Okeechobee Outlets Last 14 Days

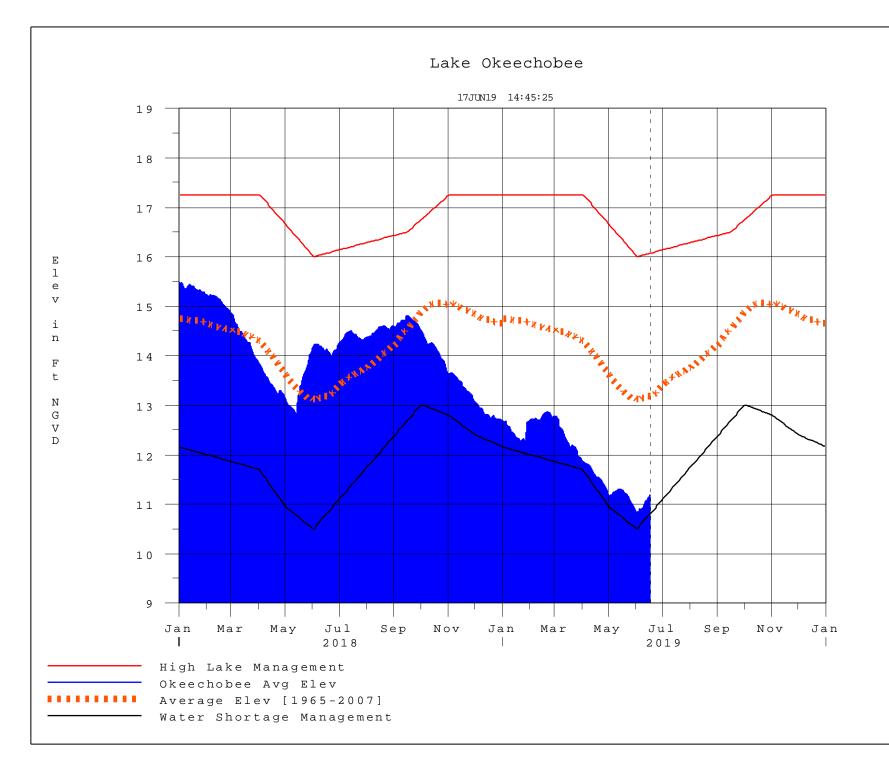
S-7	7 Below S-77	S-78	S-79	
Disch			Discharge	
(ALL		-	(ALL DAY)	
DATE (AC-		(AC-FT)	(AC-FT)	
16 JUN 2019	2 51	2031	8054	
15 JUN 2019	-3 98	2097	6155	
14 JUN 2019	2 122	1867	6491	
13 JUN 2019	-0 156	1773	3676	
12 JUN 2019	-6 20	1607	4231	
11 JUN 2019	-7 -355	939	2136	
10 JUN 2019	-5 -47	14	2339	
09 JUN 2019 -2	-243	16	811	
08 JUN 2019 -2	378	22	1457	
07 JUN 2019 -1	51 704	19	1453	
06 JUN 2019 3	03 1040	22	1844	
05 JUN 2019	60 765	128	2080	
	39 891	304	430	
	50 1479	680	749	
S-3	10 S-351	S-352	S-354	L8 Canal Pt
Disch	arge Discharge	Discharge	Discharge	Discharge
(ALL		-	(ALL DAY)	(ALL DAY)
DATE (AC-		(AC-FT)	(AC-FT)	(AC-FT)
	.16 0	0	0	-33
	.37 0	0	0	-23
	.99 0	0	0	-109
	19 0	0	0	-21
	.59 0	0	0	-96
	00 0	0	0	-31
	04 0	0	0	-109
	47 246	208	0	-22
08 JUN 2019 -	-8 944	640	0	-13
			0	
	50 982	723		-7
	13 2444	1113	95	-15
	.03 2246	1824	295	13
	92 1721	1535	145	-4
03 JUN 2019 1	.84 2199	1535	537	7
a 2				
S-3				
Disch		-		
(ALL				
DATE (AC-		(AC-FT)		
	11 70	969		
15 JUN 2019	-8 62	11		
14 JUN 2019	-8 220	11		
	11 48	26		
12 JUN 2019	-2 49	18		
11 JUN 2019	-5 64	32		
10 JUN 2019	-6 -116	28		
09 JUN 2019	-5 -62	17		
08 JUN 2019	-1 -87	10		
07 JUN 2019	-1 -244	25		
06 JUN 2019	-1 -130	18		
05 JUN 2019	-0 -13	35		
04 JUN 2019	-0 104	21		
03 JUN 2019 -9	35 66	18		

*** and	Discharge	·	,	÷	2	Spillway,	Sector	Gate
	 LUCKAYES		.1965	 				

(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 17JUN2019 @ 14:39 ** 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

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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]		
[]	[]	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