Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 9/21/2015 (Developing El Nino 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 El Nino years³ and a sub-sampling of cold years of the Atlantic Multi-decadal Oscillation (AMO) in combination with ENSO El Nino 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		ENS	ampling of D El Nino ears ³	Sub-sampling of AMO Warm + ENSO El Nino Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Sep- Feb)	N/A	N/A	2.65	Very Wet	3.18	Very Wet	2.62	Very Wet
Multi Seasonal (Nov- Oct)	N/A	N/A	3.10	Wet	3.99	Wet	3.36	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:

15968 cfs 14-day running average for Lake Okeechobee Net Inflow through 9/21/2015. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Very Wet.

-0.67 for Palmer Index on 9/20/2015.

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

The wetter of the two conditions above is **Very Wet**.

LORS2008 Classification Tables:

Lake Okeechobee Stage on 9/21/2015

Lake Okeechobee Stage: 14.37 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

Lake Okeechob	ee Management	Bottom Elevation	Current
Zone	/Band	(feet, NGVD)	Lake Stage
High Lake Manag	oment Dand	10.50	
High Lake Manage	ement Band	16.58	
	High sub-band	16.21	
Operational Band	Intermediate sub-band	15.80	
	Low sub-band	14.17	← 14.37
Base Flow sub-ba	nd	12.85	
Beneficial Use sub	o-band	12.80	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCA's

Release Guidance Flow Chart Outcome: Up to Maximum Releases to the WCAs if Desirable or with Minimum Everglades Impacts

Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: S-79 up to 3000 cfs and S-80 up to 1700 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 9/21/2015 (ENSO Neutral Condition):

Water Supply Department Technical Input

Water Supply Outlook:

District wide, Raindar rainfall 2.65 inches for the week ending 9/21/2015. Lake stage on 9/21/2015 is 14.37 ft, up 0.59 ft from last week.

The updated September 2015 SFWMM Dynamic Position Analysis <u>percentile graph</u> and <u>tracking chart</u> for Lake Okeechobee show that the lake stage is in the Base Flow Operational Sub-Band.

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

Water Supply Risk Evaluation

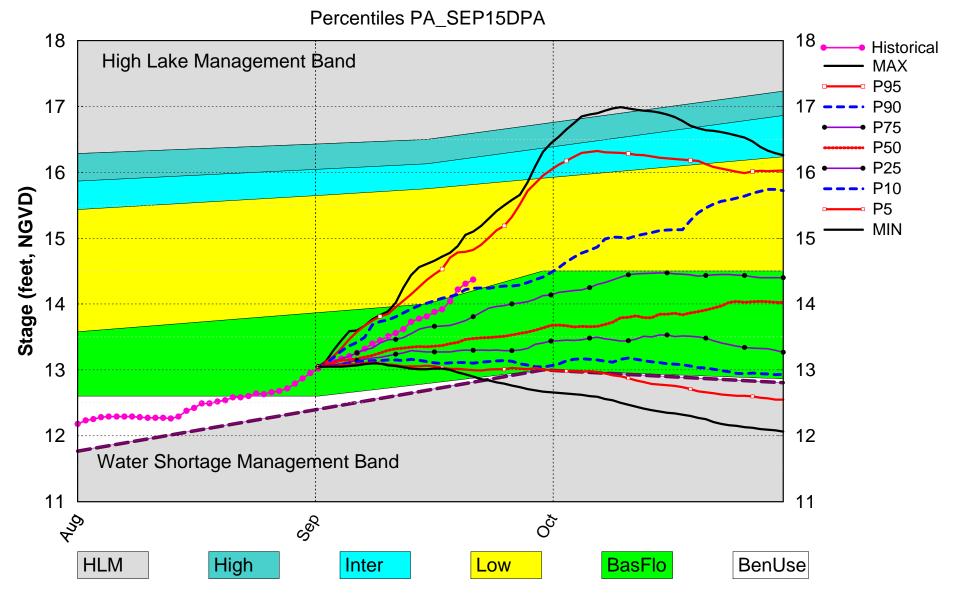
Area	Indicator	Value	Color Coded
			Scoring Scheme
	Projected LOK Stage for the next two months	Base Flow Sub-Band	М
	Palmer Index for LOK Tributary Conditions	-0.67 (Normal)	L
LOK	CDC Descipitation Outland	1 month: Normal	L
LOK	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Forecast	3.18 ft	_
	AMO warm/El Nino	(Normal to Extremely Wet)	ı
	LOK Multi-Seasonal Net Inflow Forecast	2 00 ft ((Mat)	
	AMO warm/El Nino	3.99 It (Wet)	١
	WCA 1: Site 1-8C	(16.56 ft)	L
WCAs	WCA 2A: Site 2-17 HW	(12.90 ft)	L
	WCA-3A: 3 Station Average (Site 63, 64 and 65)	(9.77 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	### Base Flow Sub-Band -0.67	L

Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow forecasts use slightly different classification intervals than those used by the 2008-LORS for classifying the tributary hydrologic condition (THC).

Back to Lake Okeechobee Operations Main Page

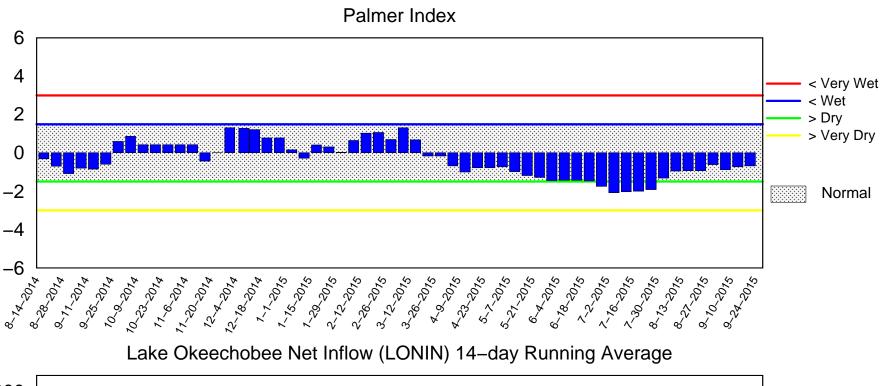
Back to U.S. Army Corps of Engineers LORSS Homepage

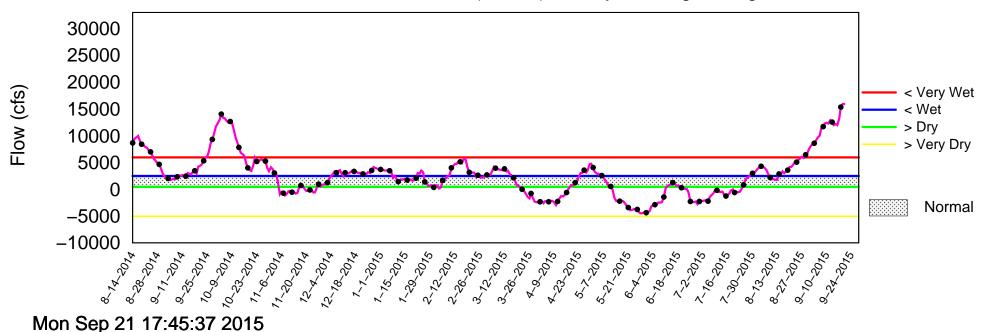
Lake Okeechobee SFWMM September 2015 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

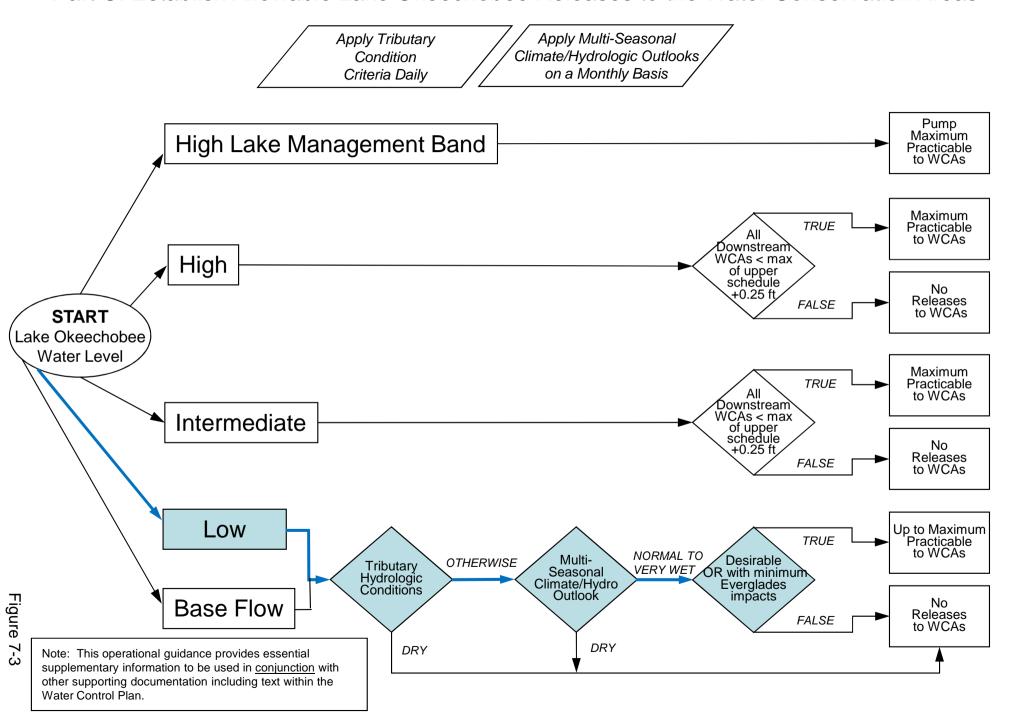
Tributary Basin Condition Indicators as of September 21 2015





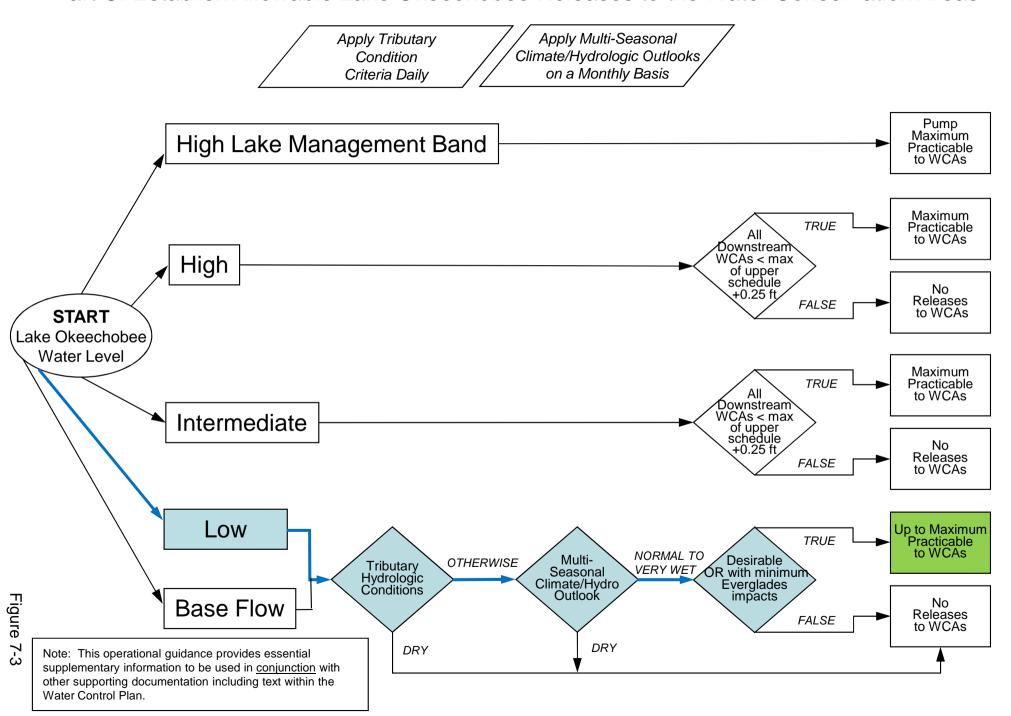
2008 LORS

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



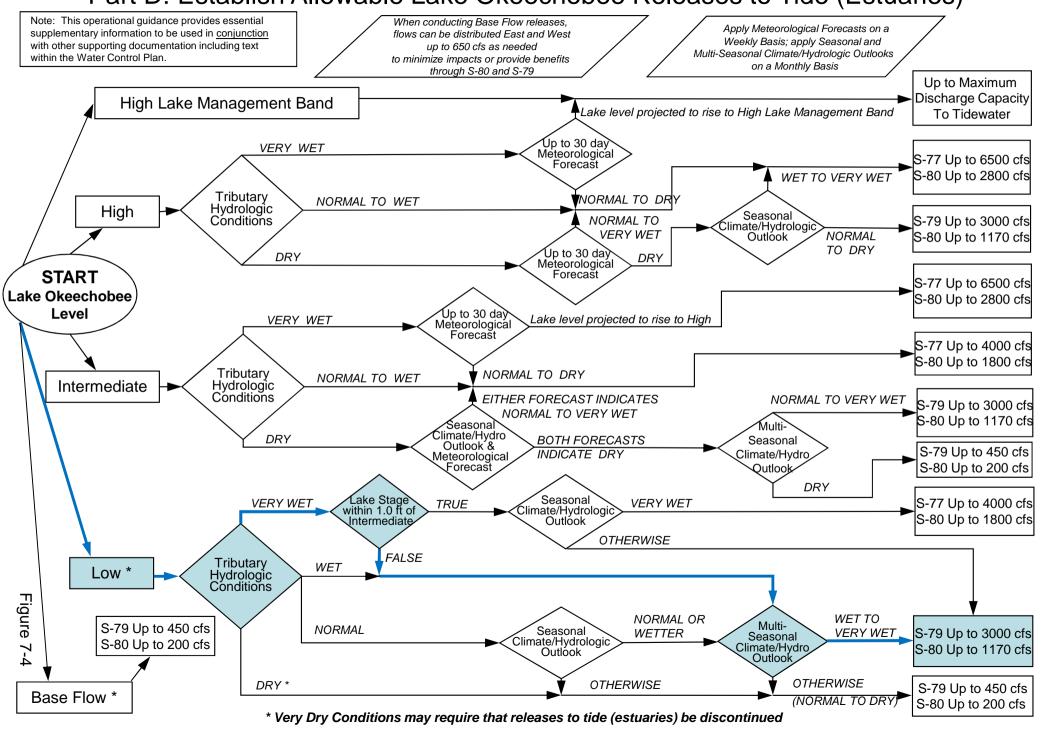
2008 LORS FORECAST

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



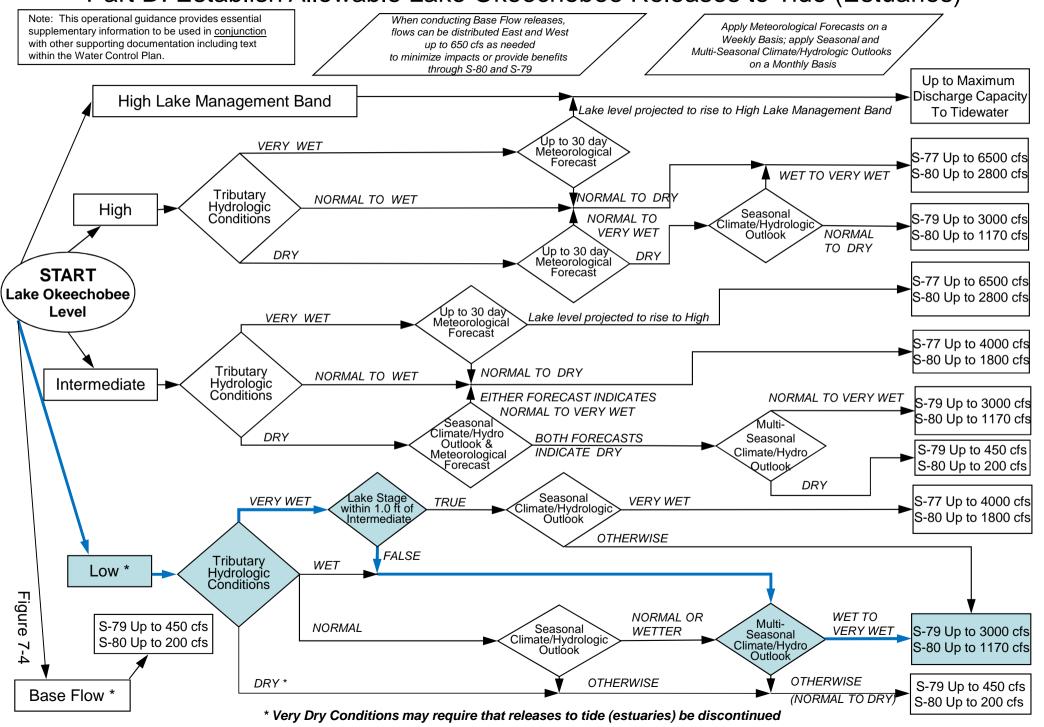
2008 LORS

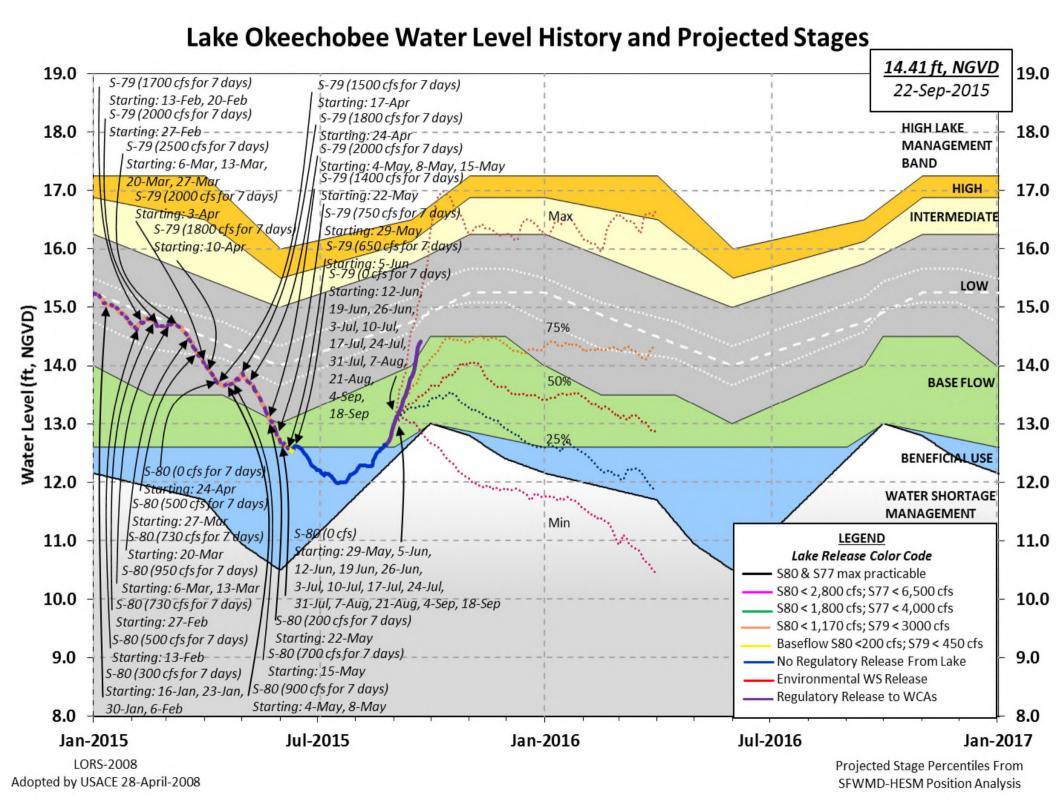
Part D: Establish Allowable Lake Okeechobee Releases to Tide (Estuaries)



2008 LORS FORECAST

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





Data Ending 2400 hours 20 SEP 2015

Okeechobee Lake	Regulation			ear 2YRS Ago VD) (ft-NGVD)	
*Okeechobee L Bottom of Hig Currently in	h Lake Mngmt	= 16.58 Top	of Water Sl	70 15.72 (Of hort Mngmt= 12.	
Simulated Ave Difference fr			13.60 0.77		
20SEP (1965-2 Difference fr			erage 14 -0.2		
Today Lake Ok stations	eechobee ele	vation is det	ermined fro	om the 4 Int &	4 Edge
	Depth (Based	on 2007 Char	nnel Condit	ion Survey) Rou	te 1 ÷
8.31'	Denth (Based	on 2008 Char	nel Condit	ion Survey) Rou	te 2 ÷
6.51'	Depen (Dabea	on zooo enar	incr conarc.	ion barvey, noa	
Bridge Cleara	nce = 49.42'				
_					
4 Interior and	1 Edgo Okoog	hoboo Toleo Ar			
T THEET TOT AND	4 Fade Overer	HODEE Lake Av	verage (Avg	-Daily values):	
Tillelior and			erage (Avg	-Daily values):	
L001 L005	L006 LZ40	S4 S35	52 S308	S133	
	L006 LZ40	S4 S35	52 S308	S133	
L001 L005	L006 LZ40	S4 S35	52 S308	S133	
L001 L005	L006 LZ40 14.46 14.3	S4 S35 4 14.47 14.	52 S308 53 14.26	S133 14.23	
L001 L005 14.21 14.46	L006 LZ40 14.46 14.3	S4 S35 4 14.47 14.	52 S308 53 14.26	S133 14.23	
L001 L005 14.21 14.46	L006 LZ40 14.46 14.3	S4 S35 4 14.47 14.	52 S308 53 14.26	\$133 14.23	
L001 L005 14.21 14.46	L006 LZ40 14.46 14.3	S4 S35 4 14.47 14.	52 S308 53 14.26	\$133 14.23	
L001 L005 14.21 14.46 *Combination O	L006 LZ40 14.46 14.3 keechobee A	S4 S35 4 14.47 14.	52 S308 53 14.26	\$133 14.23	
L001 L005 14.21 14.46 *Combination O	L006 LZ40 14.46 14.3 keechobee A	S4 S35 4 14.47 14.	52 S308 53 14.26	\$133 14.23	3328
L001 L005 14.21 14.46 *Combination O Okeechobee Infl	L006 LZ40 14.46 14.3 keechobee A ows (cfs): 6725	S4 S35 4 14.47 14.	52 S308 53 14.26 • Average =	S133 14.23 14.37 (*See Note)	3328 256
L001 L005 14.21 14.46 *Combination O - Okeechobee Infl S65E	L006 LZ40 14.46 14.3 keechobee A ows (cfs): 6725 142	S4 S35 4 14.47 14. vg-Daily Lake	52 S308 53 14.26 • Average =	S133 14.23 14.37 (*See Note) Fisheating Cr	256
L001 L005 14.21 14.46 *Combination O - Okeechobee Infl S65E S154	L006 LZ40 14.46 14.3 keechobee A ows (cfs): 6725 142 1693	S4 S35 4 14.47 14. vg-Daily Lake	52 S308 53 14.26 • Average = 0 666	S133 14.23 14.37 (*See Note) Fisheating Cr S135 Pumps	256
L001 L005 14.21 14.46 *Combination O - Okeechobee Infl S65E S154 S84 S84X S71	L006 LZ40 14.46 14.3 keechobee A ows (cfs): 6725 142 1693 804 732	S4 S35 4 14.47 14. Tyg-Daily Lake C5 S191 S133 Pumps S127 Pumps S129 Pumps	0 666 182 101 44	S133 14.23 14.37 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	256 0
L001 L005 14.21 14.46 *Combination O - Okeechobee Infl S65E S154 S84 S84X S71 S72	L006 LZ40 14.46 14.3 keechobee A ows (cfs): 6725 142 1693 804 732 293	S4 S35 4 14.47 14. Tyg-Daily Lake C5 S191 S133 Pumps S127 Pumps	0 666 182 101 44	S133 14.23 14.37 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	256 0 0
L001 L005 14.21 14.46 *Combination O - Okeechobee Infl S65E S154 S84 S84 S84X S71 S72	L006 LZ40 14.46 14.3 keechobee A ows (cfs): 6725 142 1693 804 732 293	S4 S35 4 14.47 14. Tyg-Daily Lake C5 S191 S133 Pumps S127 Pumps S129 Pumps	0 666 182 101 44	S133 14.23 14.37 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	256 0 0
L001 L005 14.21 14.46 *Combination O - Okeechobee Infl S65E S154 S84 S84X S71 S72 Total Inflows:	L006 LZ40 14.46 14.3 keechobee A ows (cfs): 6725 142 1693 804 732 293 15537	S4 S35 4 14.47 14. Tyg-Daily Lake C5 S191 S133 Pumps S127 Pumps S129 Pumps	0 666 182 101 44	S133 14.23 14.37 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	256 0 0
L001 L005 14.21 14.46 *Combination O - Okeechobee Infl S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outf	L006 LZ40 14.46 14.3 keechobee A ows (cfs): 6725 142 1693 804 732 293 15537 lows (cfs):	S4 S35 4 14.47 14. Tyg-Daily Lake C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 666 182 101 44 34	S133 14.23 14.37 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	256 0 0 537
L001 L005 14.21 14.46 *Combination O - Okeechobee Infl S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outf S135 Culverts	L006 LZ40 14.46 14.3 keechobee A ows (cfs): 6725 142 1693 804 732 293 15537 lows (cfs):	S4 S35 4 14.47 14. Tyg-Daily Lake C5 S191 S133 Pumps S127 Pumps S129 Pumps	0 666 182 101 44	S133 14.23 14.37 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps	256 0 0
L001 L005 14.21 14.46 *Combination O - Okeechobee Infl S65E S154 S84 S84X S71 S72 Total Inflows: Okeechobee Outf	L006 LZ40 14.46 14.3 keechobee A ows (cfs): 6725 142 1693 804 732 293 15537 lows (cfs): -NR-	S4 S35 4 14.47 14. Tyg-Daily Lake C5 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	0 666 182 101 44 34	S133 14.23 14.37 (*See Note) Fisheating Cr S135 Pumps S2 Pumps S3 Pumps S4 Pumps	256 0 0 537

S129 Culverts	0	S352	0	S308	0					
(Used) S131 Culverts USED)	0	L8 Canal Pt	132	S308Below	36 (NOT					
Total Outflows:	135									
****S77 Structure outflow is being used to compute Total Outflow. ****S308 Structure outflow is being used to compute Total Outflow.										
Okeechobee Pan Evaporation (inches): S77 0.32 S308 0.20 Average Pan Evap x 0.75 Pan Coefficient = 0.19" = 0.02'										
Lake Average Preci	pitation	using NEXRAD: =	-NR-" =	-NR-'						
<pre>Evaporation - Precipitation:</pre>										

Note: Headwater, tailwater, and stage values below are instantaneous values unless otherwise specified.

	Headwater	Tailwater				Gat	e Pos	sition	ns		
#8	Elevation	Elevation	Disch	#1	#2	#3	#4	#5	#6 #	7	
	(ft-msl)	(ft-msl)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft) (f	t)	
(ft) (T) see note at bottom											
North East S	(I) see note at bottom North East Shore										
S133 Pumps S193:		14.21	182	0	36	0	146	0	(cfs)		
S191:	18.53	14.23	666	0.5	0.4	0.5					
S135 Pumps	:	-NR-	256	84	106	0	66		(cfs)		
S135 Culve:	rts:		-NR-	-NR-	-NR-						
North West Sl											
S65E:	20.83	14.40				2.5					
S127 Pumps S127 Culve:		14.36	101	0.0	0	33	0	45	(cfs)		
S129 Pumps S129 Culve		14.43	44 0	0	0	44			(cfs)		
S131 Pumps S131 Culve		14.65	34	37	0				(cfs)		
Fisheating nr Palmda nr Lakepo	ale	34.38	3328								

C5:	14.21	14.49	0	0.0	0.0 (0.0				
South Shore	10.00	14 52	F 2 F	0	0	F 2 F			, ,	,
S4 Pumps:	10.23	14.53	537	0					(cfs	3)
S169:	14.56	10.24	0	0.0	0.0	0.0				
S310:	14.50		-78	•	•	•			, ,	,
S3 Pumps:	9.64	14.53	0	0		0			(cfs	;)
S354:	14.53	9.64	0	0.0						
S2 Pumps:	9.63	14.43	0	0		0	0		(cfs	;)
S351:	14.43	9.63	0	0.0		0.0				
S352:	14.55	10.80	0	0.0						
C10A:	-NR-	14.52		0.0	8.5	5 8.	5 8	3.5	8.5	
L8 Canal PT		14.31	132							
	S351	and S352	2 Tempora	ary Pu	mps/S3	354 Sp	illwa	ıy		
S351:	9.63	14.43	0	-NR	NR – – NI	2 – NR –	-NR	NR –		
S352:	10.80	14.55		-NR						
S354:	9.64	14.53	0							
	J.UI				-41/ IAL	. 1117_				
Caloosahatche	e River (S	77. S78	S79)							
S47B:	13.29	11.00	2,2,	0.0	0.5					
S47D:	10.78	10.79	5	5.0						
S47D: S77:	10.70	10.75	S	5.0						
	and Sector	E101:11								
phiimay (and Sector 14.35	10.82	0	0 0	0 0	0.0	0 0			
Plan Des			3	0.0	0.0	0.0	0.0			
riow Due	to Lockage	ö†•	3							
S77 Below U	SGS Flow G	age	-86							
S78:										
	and Sector	Flow:								
DPIII Way	10.61	2.80	1516	1.0	1.0	1.0	1.0			
Flow Duo	to Lockage		1316	1.0	1.0	1.0	1.0			
FIOW Due	co nochage	٠١٠.	TI							
S79:										
	and Sector	Flow:								
	2.97	1.79	5368	2.0	2.0	3.0	3.0	2.0	2.0	2.0
2.0		_• • • •			,	- • •	0		_••	5
	to Lockage	s+:	0							
	f flow fro		0%							
Chloride		(ppm)	48							
211101140		(FP/	10							
St. Lucie Can	al (S308,	S80)								
S308:	•									
	and Sector	Flow:								
I 1	14.26	14.08	0	0.0	0.0	0.0	0.0			
Flow Due	to Lockage		0			-				
			•							
S308 Below	USGS Flow	Gage	36							
S153:	18.71	13.94	302	1 0	0.5					
S80:	10.71	10.01	504	1.0	0.5					
	and Sector	Flow.								
phiimal (1 - 1 0	0 0	0 0	0 -	0 2	0 -	0 0	0 0
	14.15	1.51	1510	0.2	0.2	0.5	0.2	0.5	0.2	0.2

Flow Due to Lockages+: 23
Percent of flow from S308 0%

Steele Point Top Salinity (mg/ml) 4584 Steele Point Bottom Salinity (mg/ml) ****

Speedy Point Top Salinity (mg/ml) 713 Speedy Point Bottom Salinity (mg/ml) 751

+ 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 Speed	1-Day	3-Day	7-Day	Directio	n
-	(inches)	(inches)	(inches)	(Degø)	
(mph)					
S133 Pump Station:	-NR-	0.00	3.95		
S193:	-NR-	0.00	0.00	-NR-	-NR-
Okeechobee Field Station:	-NR-	0.00	0.00		
S135 Pump Station:	-NR-	0.02	4.34		
S127 Pump Station:	-NR-	0.01	3.44		
S129 Pump Station:	-NR-	0.04	1.52		
S131 Pump Station:	-NR-	0.31	1.75		
S77:	0.00	0.01	2.45	92	1
S78:	0.00	0.01	36.80	93	1
S79:	0.00	0.00	1.07	171	0
S4 Pump Station:	-NR-	0.00	0.00		
Clewiston Field Station:	-NR-	0.00	0.00		
S3 Pump Station:	-NR-	0.11	4.15		
S2 Pump Station:	-NR-	1.37	4.00		
S308:	0.00	0.32	5.73	333	2
S80:	0.00	0.45	4.85	342	3
Okeechobee Average	0.00	0.17	2.41		
(Sites S78, S79 and	S80 not inc	cluded)			
Oke Nexrad Basin Avg	-NR-	0.00	1.19		

_ Okeechobee Lake Elevations	20	SEP 2	2015	14.37 Difference	from
20SEP15					
20SEP15 -1 Day =	19	SEP 2	2015	14.31	-0.06
20SEP15 - 2 Days =	18	SEP 2	2015	14.22	-0.15
20SEP15 - 3 Days =	17	SEP 2	2015	14.04	-0.33
20SEP15 - 4 Days =	16	SEP 2	2015	13.92	-0.45
20SEP15 -5 Days =	15	SEP 2	2015	13.88	-0.49
20SEP15 - 6 Days =	14	SEP 2	2015	13.81	-0.56
20SEP15 -7 Days =	13	SEP 2	2015	13.78	-0.59
20SEP15 - 30 Days =	21	AUG 2	2015	12.58	-1.79
20SEP15 -1 Year =	20	SEP 2	2014	14.70	0.33
20SEP15 - 2 Year =	20	SEP 2	2013	15.72	1.35

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

			J					
							ow (LONIN)	
						previous		Avg-Daily Flow
20SEP15	Today				2015	16228	MON	12837
20SEP15	-1 Day				2015	16226	SUN	19130
20SEP15	-2 Days	s =	18	SEP	2015	15575	SAT	38619
20SEP15	-3 Days	3 =			2015	13264	FRI	25508
20SEP15	-4 Days	s =	16	SEP	2015	11964	THU	8619
20SEP15	-5 Days	3 =	15	SEP	2015	12117	WED	14991
20SEP15	-6 Days	s =	14	SEP	2015	11942	TUE	6516
20SEP15	-7 Days	3 =	13	SEP	2015	12523	MON	10802
20SEP15	-8 Days	s =	12	SEP	2015	12890	SUN	23472
20SEP15	-9 Days	3 =	11	SEP	2015	12268	SAT	-NR-
20SEP15	-10 Days	s =	10	SEP	2015	12375	FRI	10588
20SEP15	-11 Days	3 =	09	SEP	2015	12177	THU	12494
20SEP15	-12 Days	3 =	80	SEP	2015	11565	WED	10394
20SEP15	-13 Days	3 =	07	SEP	2015	11240	TUE	16993
					C.F.D.			
		7			55E		14 -1	
20GBD15	m1 -					previous		Avg-Daily Flow
20SEP15	Toda	-			2015	6379	MON	6725
20SEP15	-1 Day				2015	6342	SUN	6746
20SEP15	-2 Days				2015	6294	SAT	6504
20SEP15	-3 Days				2015	6272	FRI	6344
20SEP15	-4 Days				2015	6239	THU	6259
20SEP15	-5 Days				2015	6178	WED	6241
20SEP15	-6 Days				2015	6085	TUE	5809
20SEP15	-7 Days				2015	5996	MON	-NR-
20SEP15	-8 Days				2015	5890	SUN	6030
20SEP15	-9 Days				2015	5798	SAT	5968
	-10 Days		10	SEP	2015	5697	FRI	6356
20SEP15			09	SEP	2015	5513	THU	6442
20SEP15					2015	5313	WED	6778
20SEP15	-13 Days	3 =	07	SEP	2015	5042	TUE	6720

_ Lake Okeechobee Outlets Last 14 Days

			S-77	S-77	Below S-77	S-78	S-78	S-79
			Discharge	Discharge	Discharge	Discharge	Discharge	Discharge
			0700-2100)	(ALL DAY)	(ALL-DAY)	(0700-2100)	(ALL DAY)	(ALL DAY)
	DATE	C `	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)
20	SEP	2015	0	6	-170	1722	3035	10645
19	SEP	2015	0	7	-125	2348	4180	11500
18	SEP	2015	0	2	-92	3321	4490	14283
17	SEP	2015	0	2	-100	931	1435	9099
16	SEP	2015	0	3	-104	439	655	8249
15	SEP	2015	0	2	-111	551	920	7294
14	SEP	2015	0	2	-230	556	864	4993
13	SEP	2015	0	4	-172	378	671	4960

11 10 09 08	SEP SEP SEP	2015 2015 2015 2015 2015 2015	0 0 0 0 0	4 1 3 5 1 3	61 15 -95 -129 -69 45	379 288 290 289 217 226	645 627 651 642 450 646	3552 4322 3205 4732 4149 4710
	DATI	S	S-310 Discharge (ALL DAY) (AC-FT)	S-351 Discharge (ALL DAY) (AC-FT)	S-352 Discharge (ALL DAY) (AC-FT)	S-354 Discharge (ALL DAY) (AC-FT)	L8 Canal Pt Discharge (ALL DAY) (AC-FT)	
		2015	-155	0	0	0	262	
		2015	-331	0	0	0	143	
		2015	-410	0	0	0	-59	
		2015 2015	-100 -8	0	0	0 0	194 295	
		2015	-0 -92	0	0	0	335	
		2015	-100	0	0	0	324	
		2015	19	0	0	0	426	
		2015	24	0	0	0	356	
		2015	7	0	0	-NR-	-53	
		2015	-12	0	0	0	-127	
		2015	-75	0	0	0	82	
		2015	-15	0	0	0	116	
07	SEP	2015	6	0	0	0	105	
			S-308	Below S-308	8 S-80			
]	Discharge	Discharge	Discharge	9		
			(ALL DAY)	(ALL-DAY)	(ALL-DAY))		
	DATI		(AC-FT)	(AC-FT)	(AC-FT)			
		2015	0	71	3040			
		2015	-2	-161	4196			
		2015	-1	69	6942			
		2015	-1	111	3158			
		2015	-1	119	1395			
		2015	-0	135	813			
		2015	0	216	696			
		2015	-2	-133	1154			
		2015	-2	-125	1747			
11	SEP	2015	0	56	146			

*** NOTE: 1) Discharge from (0700-2100) is computed using Spillway and Sector $\,$

Gate Discharges from 0700 hrs to 2100 hrs.

547

931

1443

795

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

-99

-116

-68

-122

-1

-2

-1

-3

-

10 SEP 2015

09 SEP 2015

08 SEP 2015

07 SEP 2015

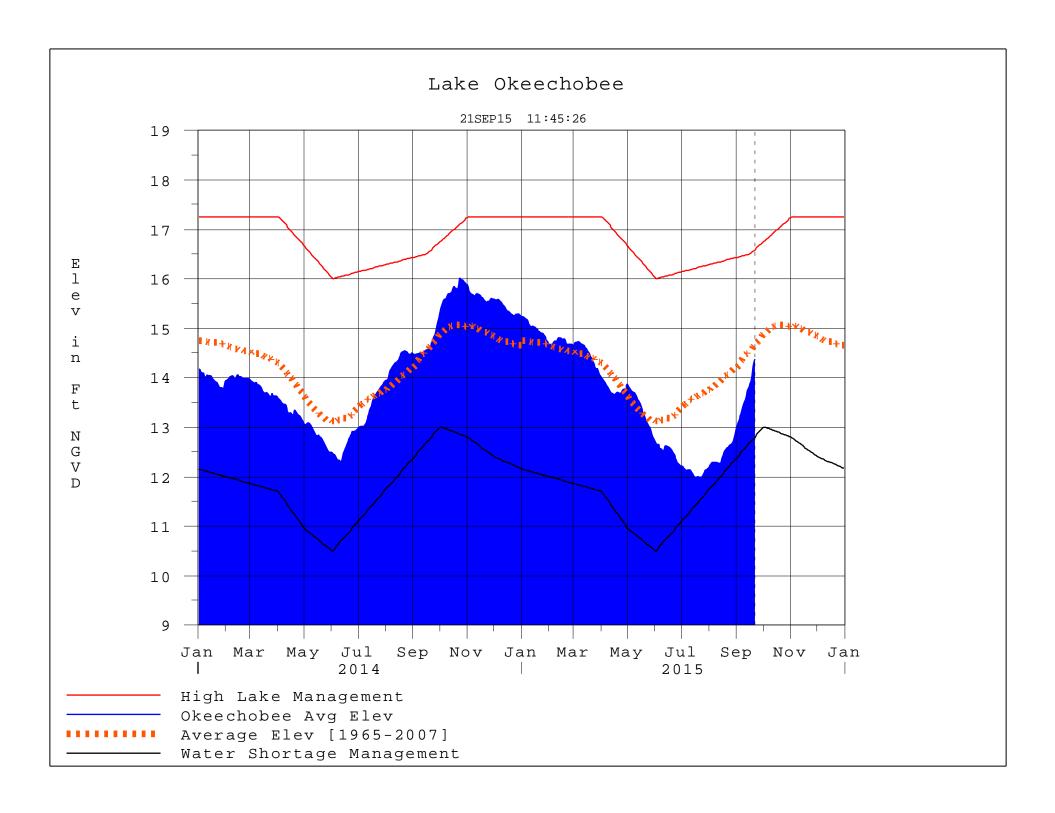
* On 11 May 1999, Lake Okeechobee Elevation was switched from Instantaneous 2400 value to an average-daily lake average.

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 $\rm S135$ 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 21SEP2015 @ 11:39 ** 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

Back to Lake Okeechobee Operations Main Page

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

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