Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 04/18/2022 (ENSO Condition: La Niña)

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 La Nina 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		La Ni	ampling of na ENSO rears ³	Sub-sampling of AMO Warm + La Nina ENSO Years ⁴	
	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>	Value (ft)	<u>Condition</u>
Current (Mar-Aug)	N/A	N/A	1.64	Wet	1.47	Normal	1.41	Normal
Multi Seasonal (Mar-Oct)	N/A	N/A	2.34	Normal	2.01	Normal	2.06	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.

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

Tributary Hydrologic Conditions Graph:

-2558 cfs 14-day running average for Lake Okeechobee Net Inflow through 04/18/2022. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

-2.24 for Palmer Drought Index on 04/18/2022.

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 04/18/2022:

Lake Okeechobee Stage: 13.41 feet

	ee Management /Band	Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Manage	ement Band	16.92	
	High sub-band	16.24	
Operational Band	Intermediate sub-band	15.36	
	Low sub-band	13.48	
Base Flow sub-ba	nd	12.60	← 13.41 ft
Beneficial Use sub	o-band	11.28	
Water Shortage M	lanagement Band		

Part C of LORS2008: Discharge to WCAs

Up to Maximum Practicable to the WCAs if desirable or with minimum Everglades impact; otherwise no releases to WCAs.

Part D of LORS2008: Discharge to Tide

Up to 450 cfs at S-79 and up to 200 cfs at S-80.

Lake Okeechobee Releases to the Caloosahatchee Estuary for 2008 LORS Baseflow & for Environmental Water Supply

Guidance for Lake Okeechobee Releases to the Caloosahatchee Estuary indicates no S77 release to the Caloosahatchee Estuary unless the Governing Board recommends otherwise.

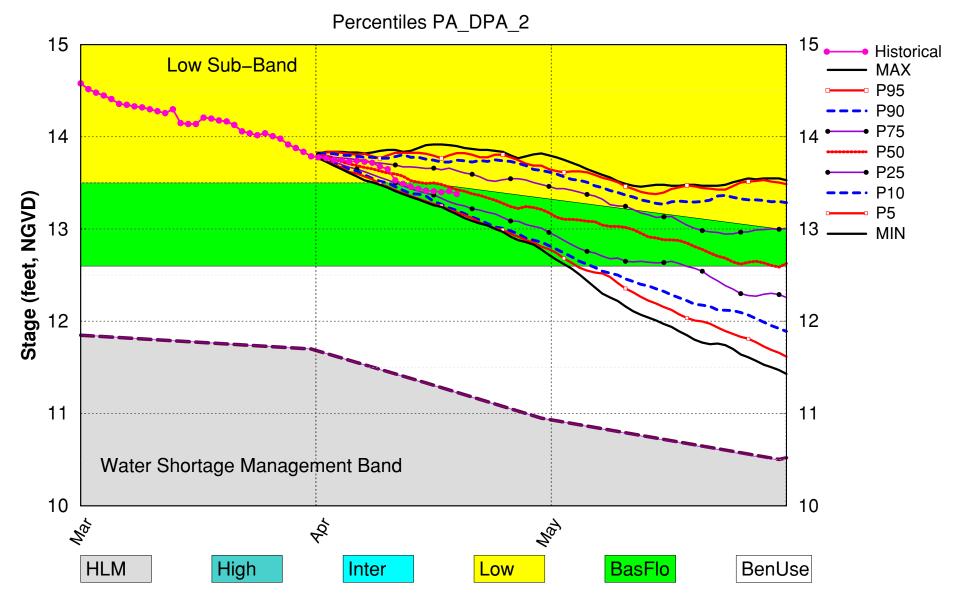
LORS2008 Implementation on 04/18/2022 (ENSO Condition- La Nina Watch): Status for week ending 04/18/2022:

Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Base Flow	М
	Palmer Drought Index for LOK Tributary Conditions	-2.24 (Extremely Dry)	н
	CPC Brasinitation Outlook	1 month: Below Normal	М
LOK	CPC Precipitation Outlook	3 months: Normal	L
	LOK Seasonal Net Inflow Outlook	1.47 ft	
	ENSO Forecast	Normal to extremely wet	-
	K Multi-Seasonal Net Inflow Outlook 2.01 ft		
	ENSO Forecast	Normal	М
	WCA 1: 3 Station Average (Sites 1-7, 1-8T and 1-9)	Above Line 1 (16.05 ft)	L
WCAs	WCA 2A: Site 2-17	Above Line 0 (11.57 ft)	L
	WCA-3A: 3 Station Average (Sites 63, 64, and 65)	Above Line 2 (8.72 ft)	М
	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

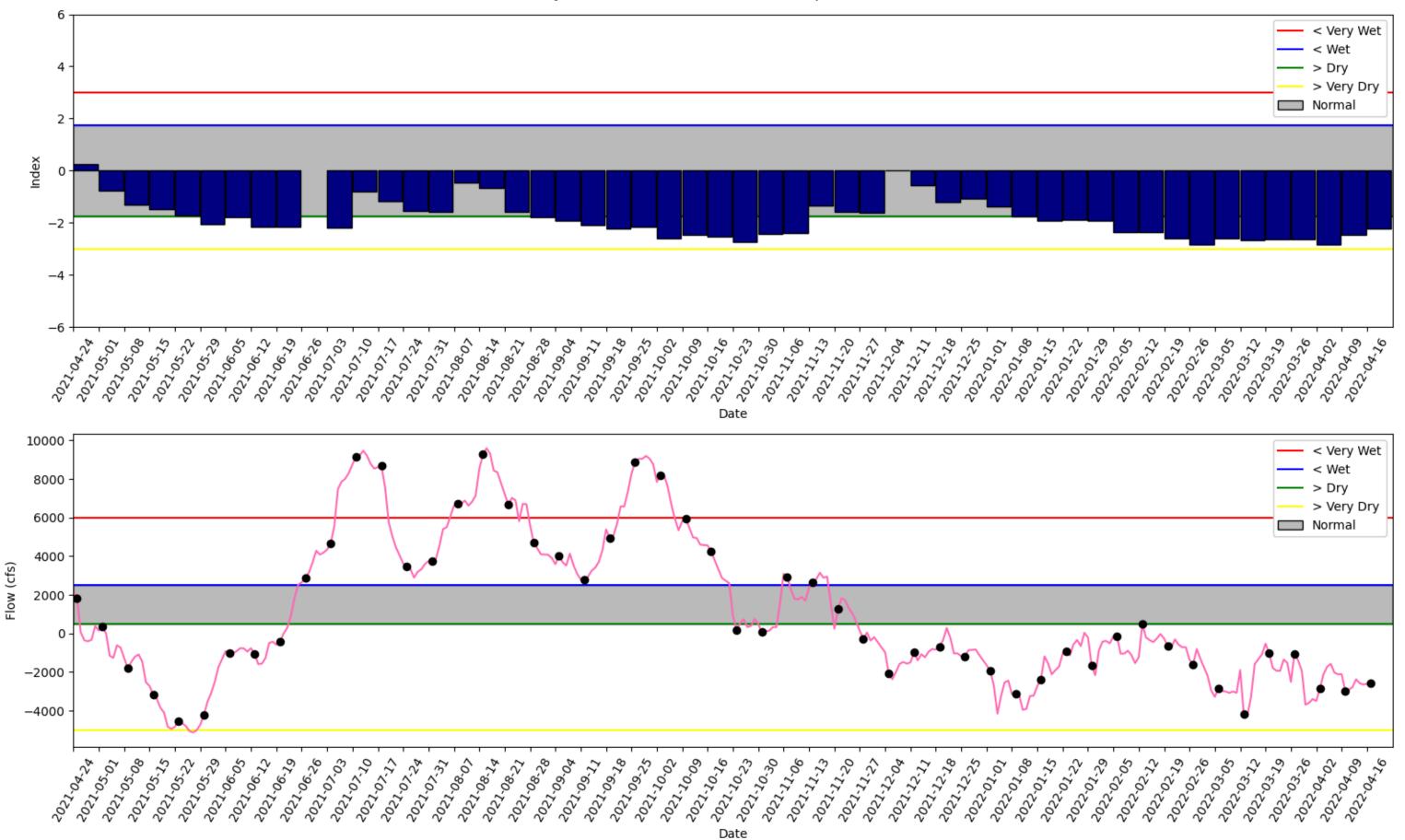
Note: The water supply risk classification based on the Palmer index, as well as the LOK seasonal and multi-seasonal net inflow outlooks use slightly different classification intervals than those used by the 2008-LORS.

Lake Okeechobee SFWMM April 2022 Position Analysis



(See assumptions on the Position Analysis Results website)

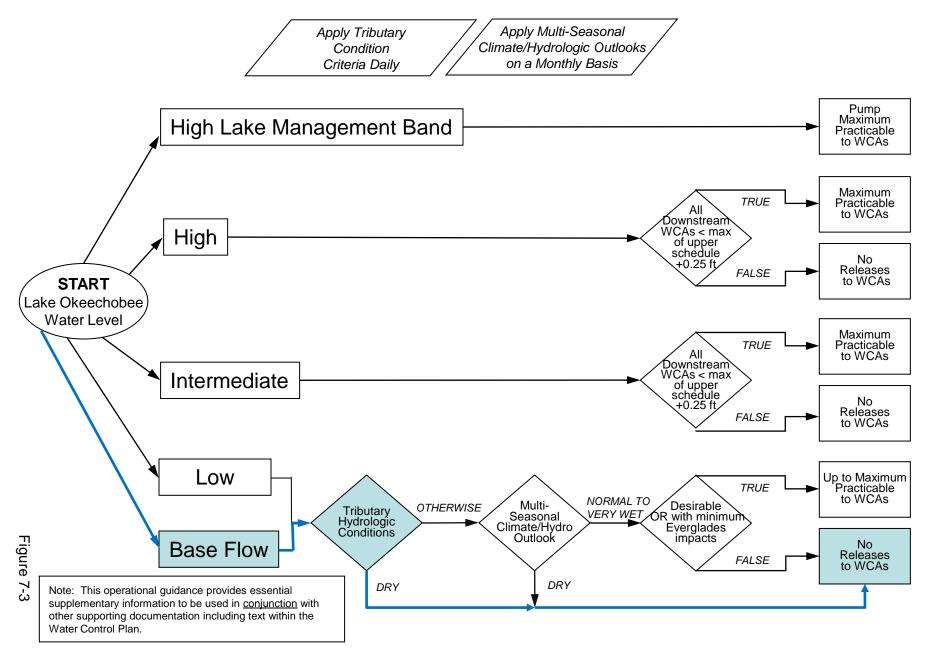
Tues Apr 19 14:33:48 2022



Tributary Basin Condition Indicators as of April 17 2022

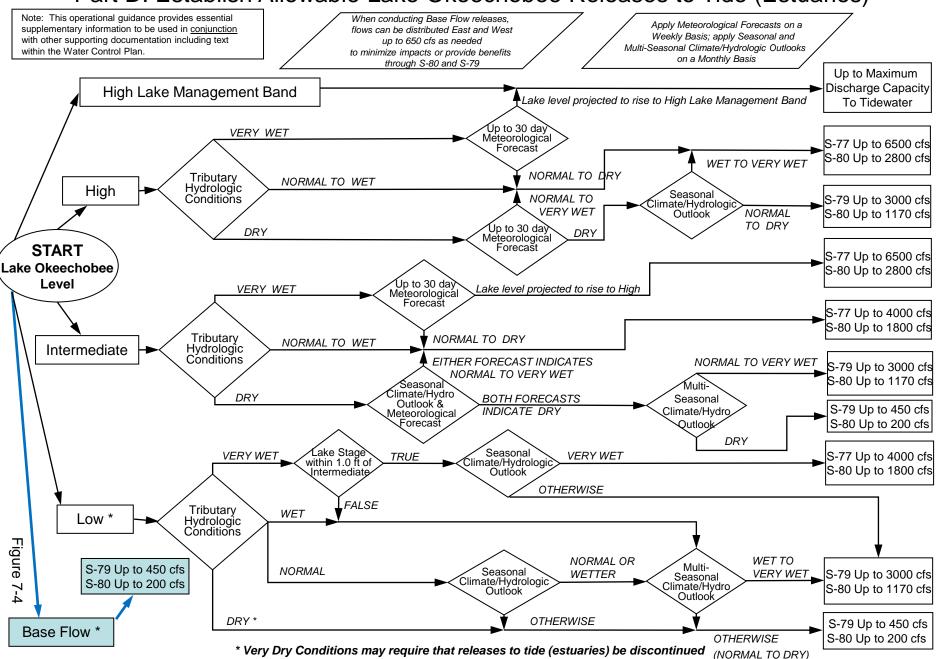
2008 LORS

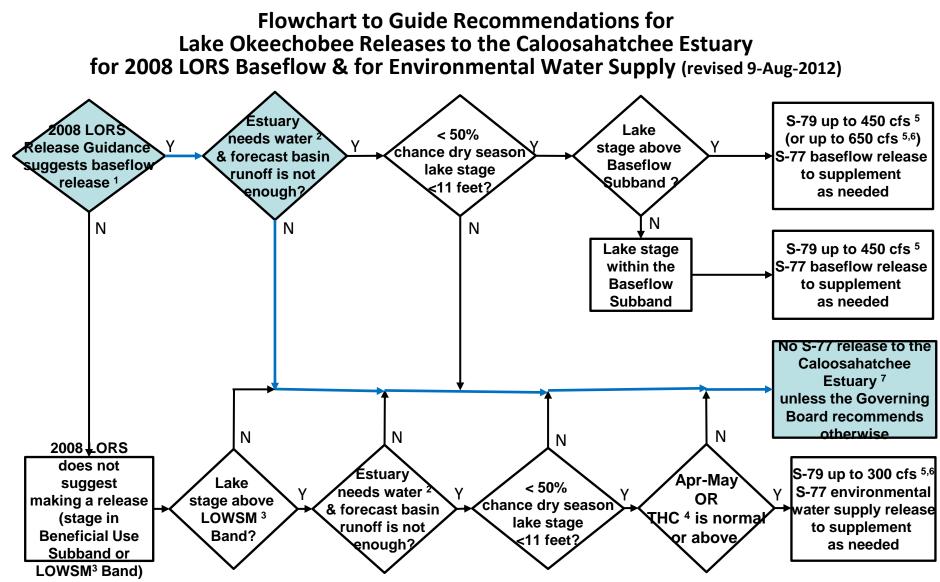
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



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.

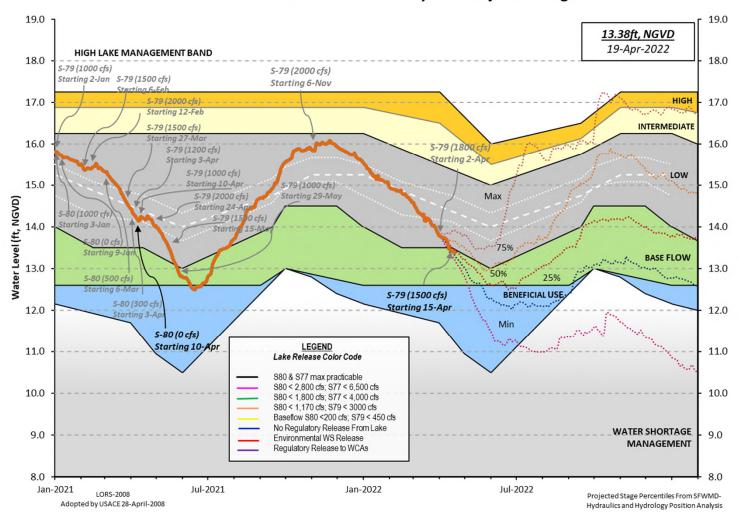
²Estuary "needs" water when the 30-day moving average salinity at I-75 bridge is projected to exceed 5 practical salinity units (psu) within 2 weeks.

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 Besources 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 17 APR 2022 Okeechobee Lake Regulation Elevation Last Year 2YRS Ago (ft-NGVD) (ft-NGVD) (ft-NGVD) *Okeechobee Lake Elevation 13.41 14.19 11.34 (Official Elv) Bottom of High Lake Mngmt= 16.92 Top of Water Short Mngmt= 11.28 Currently in Operational Management Band Simulated Average LORS2008 [1965-2000] 12.71 Difference from Average LORS2008 0.70 17APR (1965-2007) Period of Record Average 13.95 Difference from POR Average -0.54 Today Lake Okeechobee elevation is determined from the 4 Int & 4 Edge stations ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ÷ 7.35' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 \div 5.55' Bridge Clearance = 50.24'4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values): L001 L005 L006 LZ40 S4 S352 S308 S133 13.41 13.44 13.37 13.40 -NR- 13.46 13.39 13.35 *Combination Okeechobee Avg-Daily Lake Average = 13.41 (*See Note) Okeechobee Inflows (cfs): Fisheating Cr -NR-0 S65E 1022 S65EX1 0 S154 0 S191 S135 Pumps 0 S2 Pumps S84 0 S133 Pumps 0 0 S3 Pumps 0 0 0 S84X S127 Pumps S71 0 S129 Pumps 0 S4 Pumps 0 S72 0 S131 Pumps 0 C5 0 Total Inflows: 1022 Okeechobee Outflows (cfs): S77 233 -NR-S135 Culverts 0 S354 S127 Culverts 0 S351 577 S308 608 S129 Culverts 0 S352 372 S131 Culverts 0 L8 Canal Pt -NR-Total Outflows: No Report Due To Missing S77 or S308 Discharge Data

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****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 -NR- S308 0.21
Average Pan Evap x 0.75 Pan Coefficient = -NR-" = -NR-'
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 2067 cfs or 4100 AC-FT
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I	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)										
North East Sho	220	(1) see n	ote at	t bott	COM				
S133 Pumps: S193:		13.35	0	0	0	0	0	0	(cfs)	
S191:	19.31	13.32	0	0.0	0.0	0.0				
S135 Pumps:	12.90	13.22	0	0	0	0	0		(cfs)	
S135 Culvert	ts:		0	2.6	2.6					
North West Sho	ore									
S65E:	21.17	13.21	1022	0.5	0.3	0.2	0.5	0.5	0.9	
S65EX1:	21.17	13.21	0							
S127 Pumps:	13.17	13.37	0	0	0	0	0	0	(cfs)	
S127 Culvert	t:		0	0.0						
S129 Pumps:	12.79	13.42	0	0	0	0			(cfs)	
S129 Culver	t:		0	0.0						
S131 Pumps:	12.94	13.48	0	0	0				(cfs)	
S131 Culvert			0							
Fisheating (reek									
nr Palmda			-NR-							
nr Lakepor	rt									
C5:		-NR-	0	-NF	R− −NF	R− −NF	2-			
South Shore										
S4 Pumps:	11.97	-NR-	0	-NR-	-NR-	-NR-			(cfs)	
S169:		-NR-	-NR-	-NR-	-NR-	-NR-				
S310:	13.33		-5							

 S3 Pumps:
 10.22
 13.45
 0
 0
 0
 0
 (cfs)

 S354:
 13.45
 10.22
 233
 0.0
 0.0
 (cfs)

 S2 Pumps:
 10.08
 -NR 0
 -NR -NR (cfs)

 S351:
 -NR 10.08
 577
 0.6
 0.6
 0.4

 S352:
 13.42
 10.11
 372
 1.0
 1.2

 C10A:
 -NR 13.26
 8.0
 8.0
 8.0
 0.0
 0.0

 13.33 -NR-L8 Canal PT S351 and S352 Temporary Pumps/S354 Spillway 10.08 577 -NR--NR--NR--NR--NR-S351: -NR-13.42 13.45 S352: 10.11 372 -NR--NR--NR--NR-S354: 10.22 233 -NR--NR--NR--NR-Caloosahatchee River (S77, S78, S79) S47B:12.7312.420.0S47D:12.4110.8200.0 0.0 0.0 S77: Spillway and Sector Preferred Flow:
 13.26
 10.76
 339
 0.0
 3.0
 0.0
 0.0

 Flow Due to Lockages+:
 -NR S78: Spillway and Sector Flow: 10.78 3.07 994 0.0 0.0 2.5 0.5 -NR-Flow Due to Lockages+: S79: Spillway and Sector Flow: 3.25 0.88 1750 0.0 0.0 1.5 2.0 2.0 1.5 0.0 0.0 Flow Due to Lockages+: 9 19% Percent of flow from S77 (mdd) Chloride 0 St. Lucie Canal (S308, S80) S308: Spillway and Sector Preferred Flow: 13.37 13.26 608 3.0 3.0 3.0 3.0 Flow Due to Lockages+: 0 18.80 13.04 0 0.0 0.0 S153: S80: Spillway and Sector Flow:
 13.31
 1.71
 0
 0.0
 0.0
 0.0
 0.0
 0.0

 Flow Due to Lockages+:
 27
 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

				W:		
- Daily Precipitation Totals	1-Day	3-Day	7-Day	Direction		
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:	-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:	5.44	5.45	5.88	137	Ĩ	
S78:	2.68	3.29	4.53	188	4	
S79:	-0.64	0.11	0.16	134	-	
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			
S2 Pump Station: S308:	-NR- 0.00	0.00 0.00	0.00 0.00	76	-	
-				76 88		
S308:	0.00 0.00	0.00 0.06	0.00			
S308: S80:	0.00 0.00 2.72	0.00 0.06 0.42	0.00 0.71			
S308: S80: Okeechobee Average (Sites S78, S79 and	0.00 0.00 2.72 S80 not inc	0.00 0.06 0.42 luded)	0.00 0.71 0.45		1 4	
S308: S80: Okeechobee Average	0.00 0.00 2.72 S80 not inc	0.00 0.06 0.42	0.00 0.71			
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 17APR22 17APR22 -1 Day = 17APR22 -2 Days = 17APR22 -2 Days = 17APR22 -3 Days = 17APR22 -4 Days = 17APR22 -5 Days = 17APR22 -6 Days = 17APR22 -7 Days =	0.00 0.00 2.72 S80 not inc -NR- 17 APR 2022 16 APR 2022 15 APR 2022 14 APR 2022 13 APR 2022 12 APR 2022 11 APR 2022 11 APR 2022 10 APR 2022	0.00 0.06 0.42 luded) 0.00	0.00 0.71 0.45 0.00 13.41 Differ 13.40 13.41 13.42 13.44 13.46 13.49 13.53	88 cence from -0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	n 01 00 01 03 05 08 12	
S308: S80: Okeechobee Average (Sites S78, S79 and Oke Nexrad Basin Avg Okeechobee Lake Elevations 17APR22 17APR22 -1 Day = 17APR22 -2 Days = 17APR22 -3 Days = 17APR22 -4 Days = 17APR22 -5 Days = 17APR22 -6 Days =	0.00 0.00 2.72 S80 not inc -NR- 17 APR 2022 16 APR 2022 15 APR 2022 14 APR 2022 13 APR 2022 12 APR 2022 11 APR 2022 11 APR 2022	0.00 0.06 0.42 luded) 0.00	0.00 0.71 0.45 0.00 13.41 Differ 13.40 13.42 13.42 13.44 13.46 13.49	88 cence from -0.0 0.0 0.0 0.0 0.0 0.0 0.0	n 01 00 01 03 05 08 12 77	

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

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17APR22 Today	= 17	APR 2022	-1881 MON	4197
17APR22 -1 Day	= 16	APR 2022	-1966 SUN	-1151
17APR22 -2 Days	= 15	APR 2022	-2002 SAT	-631
17APR22 -3 Days	= 14	APR 2022	-1923 FRI	–1199
17APR22 -4 Days	= 13	APR 2022	-1670 THU	160
17APR22 -5 Days	= 12	APR 2022	-2068 WED	-1980
17APR22 -6 Days	= 11	APR 2022	-2174 TUE	-3640
17APR22 -7 Days	= 10	APR 2022	-2220 MON	-20309
17APR22 -8 Days	= 09	APR 2022	-1299 SUN	-1911
17APR22 -9 Days	= 08	APR 2022	-1275 SAT	-4606
17APR22 -10 Days	= 07	APR 2022	-1161 FRI	1261
17APR22 -11 Days	= 06	APR 2022	-687 THU	1164
17APR22 -12 Days	= 05	APR 2022	-759 WED	3901
17APR22 -13 Days	= 04	APR 2022	-1034 TUE	-1585

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	S65E		
	Average Flow over	previous 14 days	Avg-Daily Flow
17APR22 Today=	17 APR 2022	1174 MON	1162
17APR22 -1 Day =	16 APR 2022	1162 SUN	1485
17APR22 -2 Days =	15 APR 2022	1126 SAT	1242
17APR22 -3 Days =	14 APR 2022	1110 FRI	1237
17APR22 -4 Days =	13 APR 2022	1091 THU	1109
17APR22 -5 Days =	12 APR 2022	1080 WED	-NR-
17APR22 -6 Days =	11 APR 2022	1072 TUE	1190
17APR22 -7 Days =	10 APR 2022	1057 MON	1178
17APR22 -8 Days =	09 APR 2022	1041 SUN	1160
17APR22 -9 Days =	08 APR 2022	1027 SAT	1087
17APR22 -10 Days =	07 APR 2022	1020 FRI	1181
17APR22 -11 Days =	06 APR 2022	1000 THU	1098
17APR22 -12 Days =	05 APR 2022	988 WED	1066
17APR22 -13 Days =	04 APR 2022	982 TUE	1060

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						Se	55EX1			
					Average	Flov	v over	previous	14 days	Avg-Daily Flow
	17APR22		Today	/=	17	APR	2022	0	MON	0
	17APR22	-1	Day	=	16	APR	2022	0	SUN	0
	17APR22	-2	Days	=	15	APR	2022	0	SAT	0
	17APR22	-3	Days	=	14	APR	2022	0	FRI	0
	17APR22	-4	Days	=	13	APR	2022	0	THU	0
	17APR22	-5	Days	=	12	APR	2022	0	WED	0
	17APR22	-6	Days	=	11	APR	2022	0	TUE	0
	17APR22	-7	Days	=	10	APR	2022	0	MON	0
	17APR22	-8	Days	=	09	APR	2022	0	SUN	0
	17APR22	-9	Days	=	08	APR	2022	0	SAT	0
	17APR22	-10	Days	=	07	APR	2022	0	FRI	0
	17APR22	-11	Days	=	06	APR	2022	0	THU	0
	17APR22	-12	Days	=	05	APR	2022	0	WED	0
	17APR22	-13	Days	=	04	APR	2022	0	TUE	0

_ 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	(AC-FT)	(AC-FT)	(AC-FT)	(AC-FT)	
17 APR 2022	-NR-	1108	-NR-	3509	
16 APR 2022	656	1661	1789	3293	
15 APR 2022	1837	2469	2491	3415	
14 APR 2022	3346	4043	2640	3349	
13 APR 2022	3599	4509	3039	3186	
12 APR 2022	3567	3345	2413	3309	
11 APR 2022	3889	3319	2424	3964	
10 APR 2022		4790	3577	4429	
09 APR 2022	3515	3521	2749	3607	
08 APR 2022		3633	1722	3140	
07 APR 2022	1895	1969	2127	2740	
06 APR 2022		* * * * * *	1482	3433	
05 APR 2022		2180	2536	3702	
04 APR 2022	3852	3879	3183	4082	
	S-310	S-351	S-352	S-354	L8 Canal Pt
	Discharge	Discharge	Discharge	Discharge	Discharge
	Discharge (ALL DAY)	Discharge (ALL DAY)	Discharge (ALL DAY)	Discharge (ALL DAY)	Discharge (ALL DAY)
DATE	Discharge (ALL DAY) (AC-FT)	Discharge (ALL DAY) (AC-FT)	Discharge (ALL DAY) (AC-FT)	Discharge (ALL DAY) (AC-FT)	Discharge (ALL DAY) (AC-FT)
DATE 17 APR 2022	Discharge (ALL DAY) (AC-FT) -9	Discharge (ALL DAY) (AC-FT) 1145	Discharge (ALL DAY) (AC-FT) 739	Discharge (ALL DAY) (AC-FT) 461	Discharge (ALL DAY) (AC-FT) -NR-
DATE 17 APR 2022 16 APR 2022	Discharge (ALL DAY) (AC-FT) -9 -145	Discharge (ALL DAY) (AC-FT) 1145 0	Discharge (ALL DAY) (AC-FT) 739 0	Discharge (ALL DAY) (AC-FT) 461 0	Discharge (ALL DAY) (AC-FT) -NR- -NR-
DATE 17 APR 2022 16 APR 2022 15 APR 2022	Discharge (ALL DAY) (AC-FT) -9 -145 -54	Discharge (ALL DAY) (AC-FT) 1145 0 0	Discharge (ALL DAY) (AC-FT) 739 0 0	Discharge (ALL DAY) (AC-FT) 461 0 0	Discharge (ALL DAY) (AC-FT) -NR- -NR- -NR-
DATE 17 APR 2022 16 APR 2022 15 APR 2022 14 APR 2022	Discharge (ALL DAY) (AC-FT) -9 -145 -54 75	Discharge (ALL DAY) (AC-FT) 1145 0 0 300	Discharge (ALL DAY) (AC-FT) 739 0 0 311	Discharge (ALL DAY) (AC-FT) 461 0 0 275	Discharge (ALL DAY) (AC-FT) -NR- -NR- -NR- -NR- -NR-
DATE 17 APR 2022 16 APR 2022 15 APR 2022 14 APR 2022 13 APR 2022	Discharge (ALL DAY) (AC-FT) -9 -145 -54 75 385	Discharge (ALL DAY) (AC-FT) 1145 0 0 300 1123	Discharge (ALL DAY) (AC-FT) 739 0 0 311 1035	Discharge (ALL DAY) (AC-FT) 461 0 0 275 1117	Discharge (ALL DAY) (AC-FT) -NR- -NR- -NR- -NR- -NR- -NR-
DATE 17 APR 2022 16 APR 2022 15 APR 2022 14 APR 2022 13 APR 2022 12 APR 2022	Discharge (ALL DAY) (AC-FT) -9 -145 -54 75 385 325	Discharge (ALL DAY) (AC-FT) 1145 0 0 300 1123 1018	Discharge (ALL DAY) (AC-FT) 739 0 0 311 1035 1094	Discharge (ALL DAY) (AC-FT) 461 0 275 1117 975	Discharge (ALL DAY) (AC-FT) -NR- -NR- -NR- -NR- -NR- -NR- -NR-
DATE 17 APR 2022 16 APR 2022 15 APR 2022 14 APR 2022 13 APR 2022 12 APR 2022 11 APR 2022	Discharge (ALL DAY) (AC-FT) -9 -145 -54 75 385 325 283	Discharge (ALL DAY) (AC-FT) 1145 0 0 300 1123 1018 864	Discharge (ALL DAY) (AC-FT) 739 0 0 311 1035 1094 1260	Discharge (ALL DAY) (AC-FT) 461 0 0 275 1117 975 1605	Discharge (ALL DAY) (AC-FT) -NR- -NR- -NR- -NR- -NR- -NR- -NR- -NR
DATE 17 APR 2022 16 APR 2022 15 APR 2022 14 APR 2022 13 APR 2022 12 APR 2022 11 APR 2022 10 APR 2022	Discharge (ALL DAY) (AC-FT) -9 -145 -54 75 385 325 283 20	Discharge (ALL DAY) (AC-FT) 1145 0 0 300 1123 1018 864 484	Discharge (ALL DAY) (AC-FT) 739 0 0 311 1035 1094 1260 974	Discharge (ALL DAY) (AC-FT) 461 0 0 275 1117 975 1605 2470	Discharge (ALL DAY) (AC-FT) -NR- -NR- -NR- -NR- -NR- -NR- -NR- -NR
DATE 17 APR 2022 16 APR 2022 15 APR 2022 14 APR 2022 13 APR 2022 12 APR 2022 11 APR 2022 10 APR 2022 09 APR 2022	Discharge (ALL DAY) (AC-FT) -9 -145 -54 75 385 325 283 20 310	Discharge (ALL DAY) (AC-FT) 1145 0 0 300 1123 1018 864 484 813	Discharge (ALL DAY) (AC-FT) 739 0 0 311 1035 1094 1260 974 1195	Discharge (ALL DAY) (AC-FT) 461 0 0 275 1117 975 1605 2470 1827	Discharge (ALL DAY) (AC-FT) -NR- -NR- -NR- -NR- -NR- -NR- -NR- -NR
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	S-308	Below S-308	S-80	
	Discharge	Discharge	Discharge	
	(ALL DAY)	(ALL-DAY)	(ALL-DAY)	
DATE	(AC-FT)	(AC-FT)	(AC-FT)	
17 APR 202	2 1237	-NR-	54	
16 APR 202	2 1120	-NR-	43	
15 APR 202	2 1023	-NR-	44	
14 APR 202	2 1421	-NR-	33	
13 APR 202	2 1444	-NR-	0	
12 APR 202	2 1440	-NR-	56	
11 APR 202	2 1371	-NR-	44	
10 APR 202	2 1169	-NR-	56	
09 APR 202	2 1279	-NR-	54	
08 APR 202	2 825	-NR-	58	
07 APR 202	2 1194	-NR-	55	
06 APR 202	2 1235	-NR-	46	
05 APR 202	2 1262	-NR-	56	
04 APR 202	2 1295	-NR-	36	

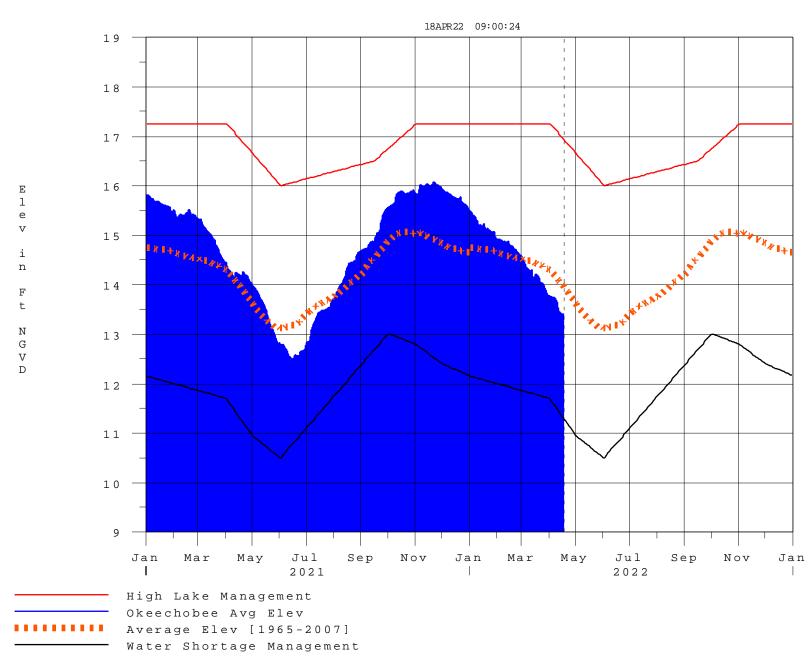
*** N and	NOLE:	Discharge	e (ALL DAY)	15	computed	using	Spiliway,	Sector	Gate	
		Lockages	Discharges	fro	m 0015 hr	rs to i	2400 hrs.			

(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 18APR2022 @ 09:07 ** Preliminary Data - Subject to Revision **

Lake Okeechobee



Classification Tables

Supplemental Tables used in conjunction with the LORS2008 Release

Guidance Flow Charts

• <u>Class Limits for Tributary Hydrologic Conditions</u>

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

<u>Classification of Lake Okeechobee Net Inflow for Multi-</u>

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
		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
	[lect]	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