Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 05/23/2022 (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 subsampling 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		Sub-sampling of La Nina ENSO Years ³		Sub-sampling of AMO Warm + La Nina ENSO Years ⁴	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (May-Oct)	N/A	N/A	2.62	Very Wet	2.36	Very Wet	2.53	Very Wet
Multi Seasonal (May-Apr)	N/A	N/A	3.18	Wet	2.72	Wet	2.23	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:

173 cfs 14-day running average for Lake Okeechobee Net Inflow through 05/23/2022. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.

-2.81 for Palmer Drought Index on 05/23/2022. 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 05/23/2022:

Lake Okeechobee Stage: 12.70 feet

	ee Management	Bottom Elevation	Current Lake
Zone	/Band	(feet, NGVD)	Stage
High Lake Manage	ement Band	16.20	
	High sub-band	15.66	
Operational Band	Intermediate sub-band	15.07	
	Low sub-band	13.10	
Base Flow sub-band		12.60	← 12.70 ft
Beneficial Use sub	o-band	11.45	
Water Shortage M	lanagement Band	10.63	

Part C of LORS2008: Discharge to WCAs

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.

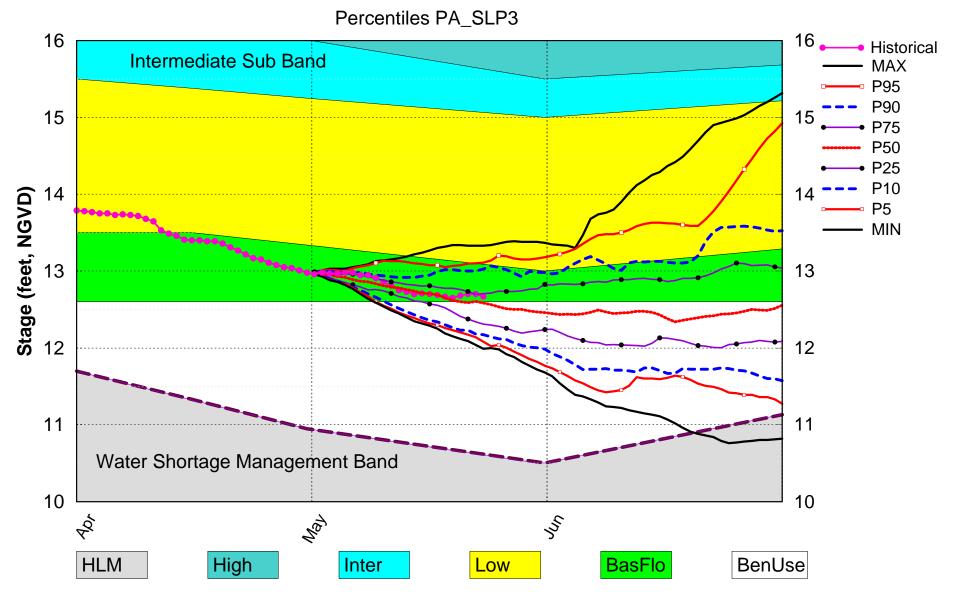
LORS2008 Implementation on 05/23/2022 (ENSO Condition- La Nina Watch): Status for week ending 05/23/2022:

Water Supply Risk Evaluation

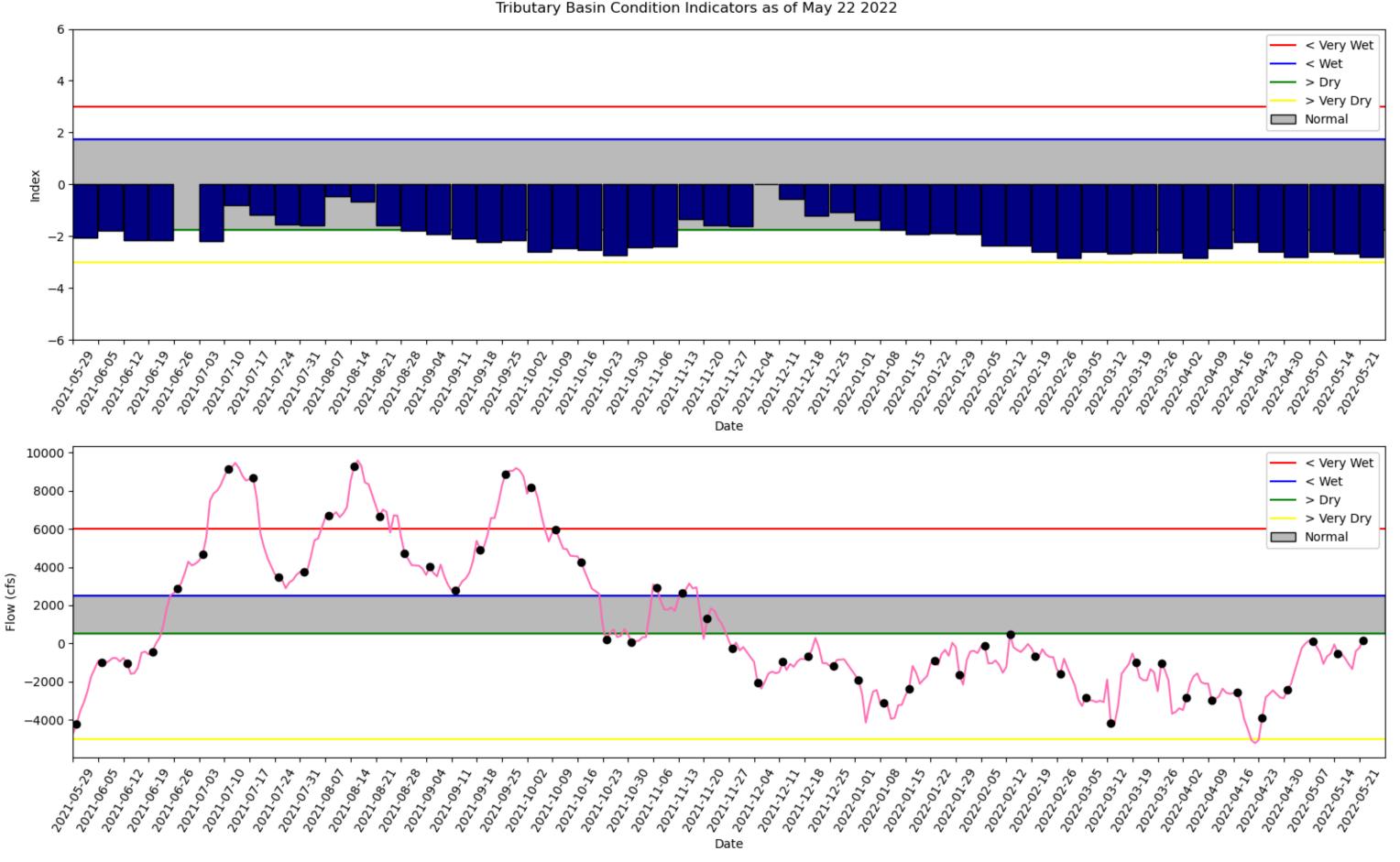
Area	Indicator	Value	Color Coded Scoring Scheme	
	Projected LOK Stage for the next two months	Beneficial Use	M	
	Palmer Drought Index for LOK Tributary Conditions	-2.81 (Extremely Dry)	н	
	CPC Precipitation Outlook	1 month: Normal	M	
LOK	CFC Frecipitation Outlook	3 months: Above Normal	L	
	LOK Seasonal Net Inflow Outlook	2.36 ft		
	ENSO Forecast	Normal to extremely wet	_	
	LOK Multi-Seasonal Net Inflow Outlook	2.72 ft	M	
	ENSO Forecast	Normal	IVI	
	WCA 1: Site 1-8C	Above Line 1 (15.70 ft)	L	
WCAs	WCA 2A: Site S-11B	Line 1 – Line 2 (11.25 ft)	M	
	WCA-3A: 3 Station Average (Sites 63, 64, and 65)	Line 1 - Line 2 (8.51 ft)	M	
	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 May 2022 Position Analysis

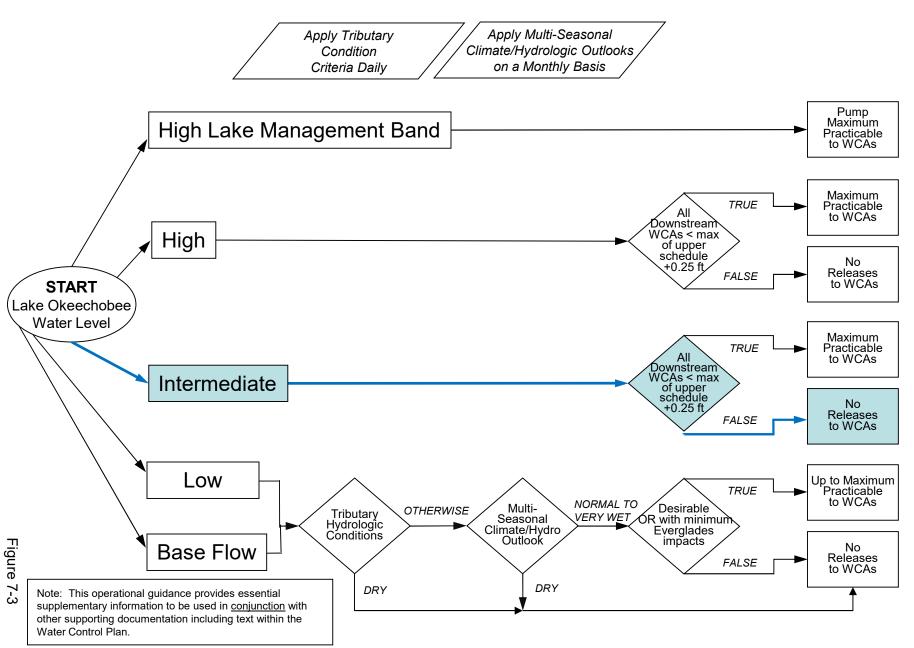


(See assumptions on the Position Analysis Results website)



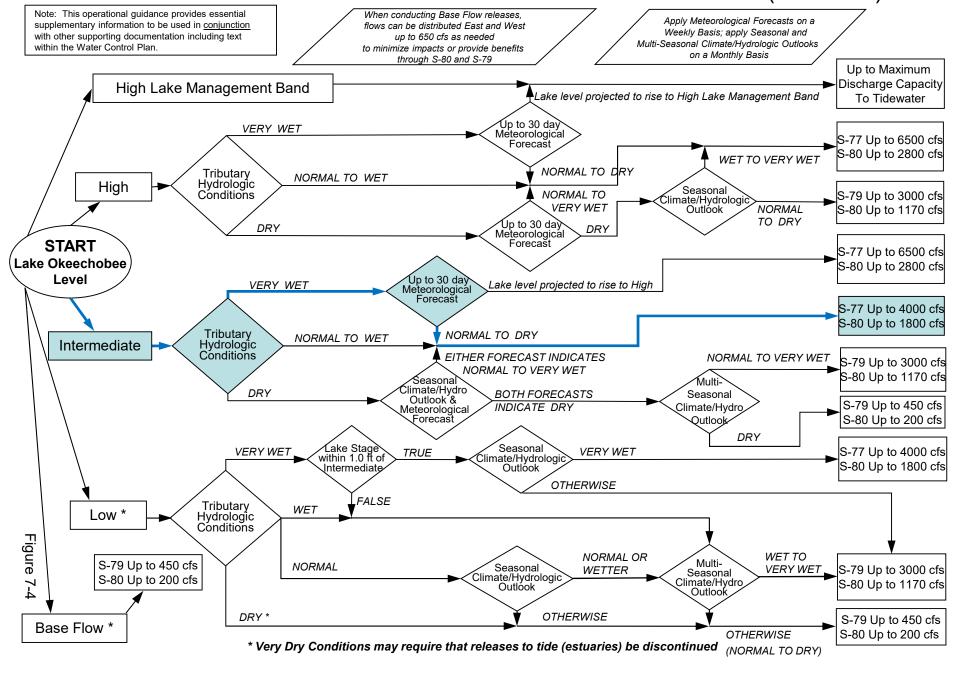
2008 LORS

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

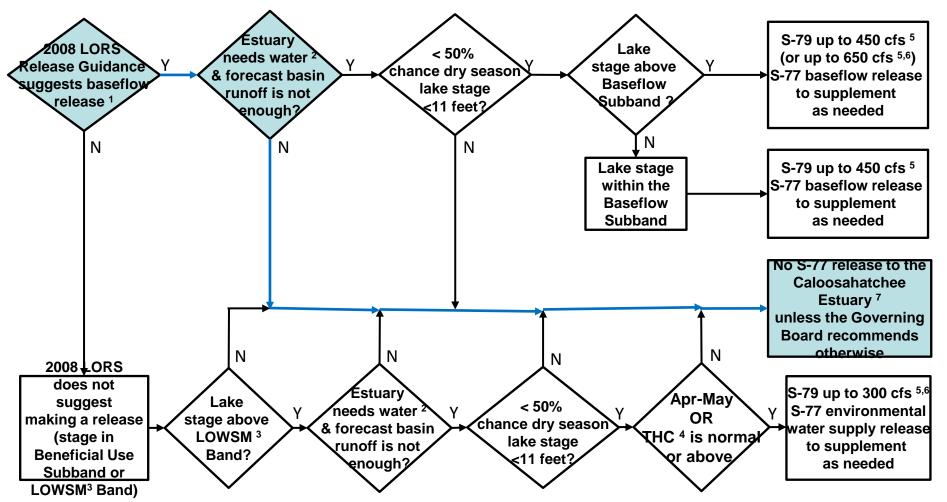


2008 LORS

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



Flowchart to Guide Recommendations for Lake Okeechobee Releases to the Caloosahatchee Estuary for 2008 LORS Baseflow & for Environmental Water Supply (revised 9-Aug-2012)



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.

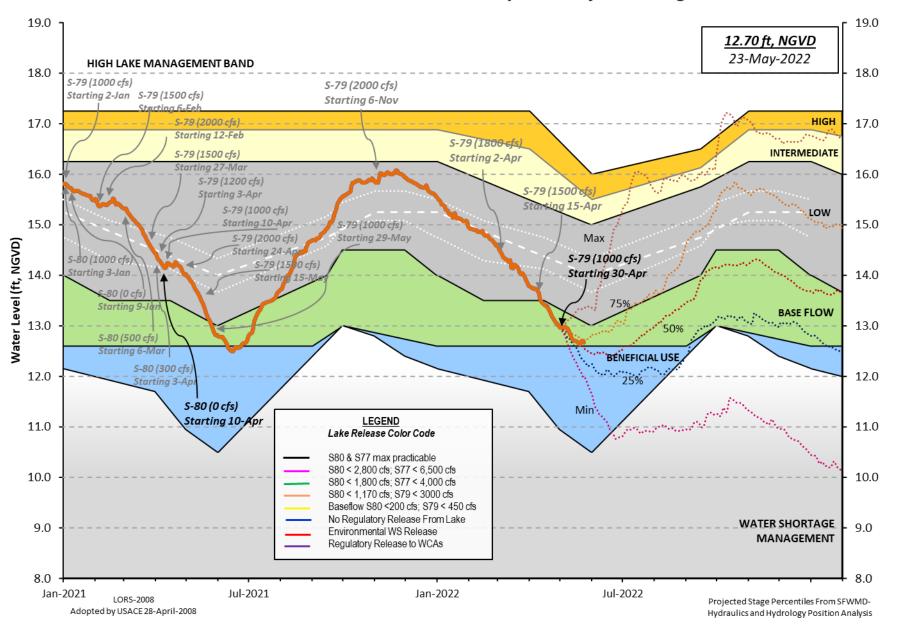
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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



Data Ending 2400 hours 22 MAY 2022

Okeechobee Lake	e Regulation			Year 2YRS GVD) (ft-		
	gh Lake Mngm		13 of Water	.15 11.	14 (Officia	l Elv)
Simulated Ave		08 [1965-2000] LORS2008	12.00 -NR-			
22MAY (1965-2 Difference f		of Record Ave		3.19 NR-		
Today Lake Ol stations	keechobee el	evation is det	ermined f	rom the 4	Int & 4 Edge	Э
++Navigation	Depth (Base	d on 2007 Char	nnel Condi	tion Surve	y) Route 1 ·	÷ -NR-
	Depth (Base	d on 2008 Char	nnel Condi	tion Surve	y) Route 2 ·	÷ -NR-
Bridge Clear	ance = 50.98	•				
_						
4 Interior and	4 Edge Okee	chobee Lake Av	verage (Av	g-Daily va	lues):	
L001 L005	L006 LZ4	0 S4 S35	52 S308	S133		
	L006 LZ4 -NRN		52 S308 JR- 12.6	S133 5 -NR-		
	-NRN	R- 12.60 -N	IR- 12.6	5 -NR- = -NR-	.	
-NRNR-	-NRN	R- 12.60 -N	IR- 12.6	5 -NR-	te)	
-NRNR-	-NRN	R- 12.60 -N	IR- 12.6	5 -NR- = -NR-	te)	
-NRNR- *Combination (-NRN	R- 12.60 -N	IR- 12.6	5 -NR- = -NR-	te)	
-NRNR- *Combination (-NRN	R- 12.60 -N	IR- 12.6	-NR- - NR- (*See No)
-NRNR- *Combination (-NRNEOkeechobee	R- 12.60 -N Avg-Daily Lake	R- 12.6	-NR- - NR- (*See No	te) ing Cr (mps -NR:	
-NRNR- *Combination (-NRNI Okeechobee lows (cfs): -NRNR-	R- 12.60 -N Avg-Daily Lake	PAVERAGE	-NR- - NR- (*See No	ing Cr (mps -NR	_
-NRNR- *Combination (-NRNI Okeechobee lows (cfs): -NRNR-	R- 12.60 -N Avg-Daily Lake S65EX1 S191	-NR-	-NR- (*See No Fisheat S135 Pu	ing Cr (mps -NR)	- -
-NRNR- *Combination (- Okeechobee Inf: S65E S154 S84	-NRNE Okeechobee lows (cfs): -NRNRNR-	R- 12.60 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps	-NR- -NR- -NR- -NR-	Fisheat S135 Pu S2 Pump S3 Pump	ing Cr mps -NR s -NR s -NR	- - -
-NRNR- *Combination (- Okeechobee Inf: S65E S154 S84 S84X	-NRNE Okeechobee lows (cfs): -NRNRNRNR-	R- 12.60 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps	-NR- -NR- -NR- -NR- -NR- -NR-	Fisheat S135 Pur S2 Pump S3 Pump S4 Pump	ing Cr mps -NR s -NR s -NR	- - -
-NRNR- *Combination (Cheechobee Inf: S65E S154 S84 S84X S71 S72	-NRNI Okeechobee lows (cfs): -NRNRNRNRNRNR-	R- 12.60 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps	-NR- -NR- -NR- -NR- -NR- -NR- -NR-	Fisheat S135 Pur S2 Pump S3 Pump S4 Pump C5	ing Cr mps -NR s -NR s -NR	- - -
-NRNR- *Combination (Combination (Combinatio	-NRNI Okeechobee lows (cfs): -NRNRNRNRNRNR- NR- NR- N	R- 12.60 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	-NR- -NR- -NR- -NR- -NR- -NR- -NR-	Fisheat S135 Pur S2 Pump S3 Pump S4 Pump C5	ing Cr mps -NR s -NR s -NR	- - -
*Combination (*Combination (Dkeechobee Inf:	-NRNI Okeechobee lows (cfs): -NRNRNRNRNR- NO Report flows (cfs):	R- 12.60 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S131 Pumps	-NR- -NR- -NR- -NR- -NR- -NR- -NR-	Fisheat S135 Pur S2 Pump S3 Pump S4 Pump C5	ing Cr mps -NR s -NR s -NR	- - - -)
-NRNR- *Combination (Combination (Combinatio	-NRNE Okeechobee lows (cfs): -NRNRNRNRNR- NO Report flows (cfs): s -NR-	R- 12.60 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S129 Pumps Due To Missing	-NRNRNRNRNRNRNR- S65E Disc	Fisheat S135 Pump S3 Pump S4 Pump C5 Charge Dat	ing Cr mps -NR s -NR s -NR a	- - - - - 0
-NRNR- *Combination (Combination (Combination (Combination (Combination (Combination (Combination (Combination (Combination (Combination (Combinat	-NRNI Okeechobee lows (cfs): -NRNRNRNRNR- NO Report flows (cfs): s -NR- s -NR-	R- 12.60 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S129 Pumps Due To Missing	-NRNRNRNRNRNRNRNR-	Fisheat S135 Pump S3 Pump S4 Pump C5 Charge Data	ing Cr mps -NR s -NR s -NR a	- - - - - 0
-NRNR- *Combination (Combination (Combination (Combination (Combination (Combination (Combination (Combination (Combination (Combination (Combinat	-NRNI Okeechobee lows (cfs): -NRNRNRNRNR- NO Report flows (cfs): s -NR- s -NR-	R- 12.60 -N Avg-Daily Lake S65EX1 S191 S133 Pumps S127 Pumps S129 Pumps S129 Pumps Due To Missing	-NRNRNRNRNRNRNRNR-	Fisheat S135 Pump S3 Pump S4 Pump C5 Charge Data	ing Cr mps -NR s -NR s -NR a	- - - - - 0

```
****S308 structure flow is being used to compute Total Outflow.
Okeechobee Pan Evaporation (inches):
 $77 0.31 $308 0.32
 Average Pan Evap x 0.75 Pan Coefficient = 0.24" = 0.02'
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 -NR- cfs or -NR- AC-FT
          Headwater Tailwater
                                 ----- Gate Positions -----
          Elevation Elevation Disch #1 #2 #3 #4 #5 #6 #7
#8
          (ft-msl) (ft-msl) (cfs) (ft) (ft) (ft) (ft) (ft) (ft)
(ft)
                        (I) see note at bottom
North East Shore
 S133 Pumps:
                     -NR-
                           -NR- -NR- -NR- -NR- -NR- (cfs)
 S193:
 S191:
 S135 Pumps:
                     -NR-
                           -NR- -NR- -NR-
                            -NR- -NR- -NR- -NR- (cfs)
                     -NR-
 S135 Culverts:
                            -NR- -NR- -NR-
North West Shore
                     -NR-
 S65E:
                            -NR-
                                 -NR- -NR- -NR- -NR- -NR-
 S65EX1:
                     -NR-
                            -NR-
 S127 Pumps: _____
                     -NR-
                            -NR-
                                -NR- -NR- -NR- -NR- -NR- (cfs)
 S127 Culvert:
                            -NR-
                                -NR-
                     -NR-
                           -NR-
 S129 Pumps:
                                  -NR- -NR- -NR-
                                                       (cfs)
 S129 Culvert:
                            -NR-
                                  -NR-
                                  -NR- -NR-
 S131 Pumps:
                     -NR-
                            -NR-
                                                       (cfs)
 S131 Culvert:
                            -NR-
 Fisheating Creek
                    27.56
                             0
  nr Palmdale
   nr Lakeport
 C5: ____
                    -NR-
                           0 -NR- -NR- -NR-
South Shore
 S4 Pumps:
                     -NR- -NR- -NR- -NR-
                                                       (cfs)
                     -NR- -NR- -NR- -NR-
 S310: 12.62
```

-49

****S77 structure flow is being used to compute Total Outflow.

```
-NR- -NR- -NR- -NR- (cfs)
 S3 Pumps:
                             -NR- -NR- -NR-
 S354:
             -NR-
                           -NR- -NK- -NK-

-NR- -NR- -NR- -NR- -NR-

-NR- -NR- -NR-
 S2 Pumps:
                      -NR-
 s351:
              -NR-
                           -NR- -NR- -NR-
 -NR-
            -NR-
                     -NR-
                                   8.0 8.0 8.0 0.0 0.0
                     12.52 -NR-
 L8 Canal PT
               S351 and S352 Temporary Pumps/S354 Spillway
 S351:
                      -NR-
                             -NR- -NR--NR--NR--NR--NR-
 S352:
            -NR-
                            -NR- -NR--NR--NR-
                           -NR- -NR--NR--NR-
 S354:
                      -NR-
Caloosahatchee River (S77, S78, S79)
                      -NR-
 S47B:
                                  -NR- -NR-
 S47D:
                      -NR- -NR- -NR-
 S77:
   Spillway and Sector Preferred Flow:
            12.66 10.92 574 0.0 0.0 3.5 0.0
   Flow Due to Lockages+:
                             4
 S78:
   Spillway and Sector Flow:
           and Sector Flow:

10.97 2.99 417 0.5 0.0 0.0 0.5
                              13
   Flow Due to Lockages+:
 S79:
   Spillway and Sector Flow:
           3.27 2.37 1259 0.0 0.0 0.0 1.5 1.5 1.5 0.0
0.0
   Flow Due to Lockages+:
   Percent of flow from S77 46% Chloride (ppm) 0
St. Lucie Canal (S308, S80)
 S308:
   Spillway and Sector Preferred Flow:
            12.61 12.52 856 3.5 3.5 3.5
   Flow Due to Lockages+:
                               0
           _____ -NR- -NR- -NR- -NR-
 S153:
 S80:
   Spillway and Sector Flow:
   12.58 0.13 0 0.0 0.0 0.0 0.0 0.0 0.0 Flow Due to Lockages+: 24
   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	nd
Daily Precipitation Totals Speed	1-Day	3-Day	7-Day	Directio	on
	(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:	0.00	0.16	0.16	151	7
S78:	0.01	0.24	1.25	114	6
S79:	0.00	1.66	1.66	47	6
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:	0.00	1.21	2.15	58	4
S80:	0.00	1.11	1.11	105	2
Okeechobee Average	0.00	0.11	0.18		
(Sites S78, S79 and	S80 not inc	luded)			
Oke Nexrad Basin Avg	-NR-	0.00	0.00		

keechobee Lake Elevati	ons 22 MAY 2022	-NR- Diffe	rence from
22MAY22			
22MAY22 -1 Day =	21 MAY 2022	-NR-	-NR-
22MAY22 -2 Days =	20 MAY 2022	12.65	-NR-
22MAY22 -3 Days =	19 MAY 2022	12.63	-NR-
22MAY22 - 4 Days =	18 MAY 2022	12.65	-NR-
22MAY22 -5 Days =	17 MAY 2022	12.67	-NR-
22MAY22 - 6 Days =	16 MAY 2022	12.69	-NR-
22MAY22 -7 Days =	15 MAY 2022	12.70	-NR-
22MAY22 -30 Days =	22 APR 2022	13.17	-NR-
22MAY22 -1 Year =	22 MAY 2021	13.15	-NR-
22MAY22 -2 Year =	22 MAY 2020	11.14	-NR-

Lake Okeechobee Net Inflow (LONIN)

Average Flow over the previous 14 days | Avg-Daily Flow

```
22MAY22 Today = 22 MAY 2022 -829 MON | 22MAY22 -1 Day = 21 MAY 2022 -1091 SUN | 22MAY22 -2 Days = 20 MAY 2022 -809 SAT | 22MAY22 -3 Days = 19 MAY 2022 -1350 FRI | 22MAY22 -4 Days = 18 MAY 2022 -1082 THU | 22MAY22 -5 Days = 17 MAY 2022 -782 WED | 22MAY22 -6 Days = 16 MAY 2022 -544 TUE | 22MAY22 -7 Days = 15 MAY 2022 -544 TUE | 22MAY22 -8 Days = 14 MAY 2022 -56 SUN | 22MAY22 -9 Days = 13 MAY 2022 -535 SAT | 22MAY22 -10 Days = 12 MAY 2022 -683 FRI | 22MAY22 -11 Days = 11 MAY 2022 -1077 THU | 22MAY22 -12 Days = 10 MAY 2022 -467 WED | 22MAY22 -13 Days = 09 MAY 2022 -148 TUE |
                                                                                                                                                                                                                                          -NR-
                                                                                                                                                                                                                                           5340
                                                                                                                                                                                                                                   -1224
                                                                                                                                                                                                                                      -411
                                                                                                                                                                                                                                     -1447
                                                                                                                                                                                                                                        -30
                                                                                                                                                                                                                                             -238
                                                                                                                                                                                                                                           4927
                                                                                                                                                                                                                                      -1064
                                                                                                                                                                                                                                            1291
                                                                                                                                                                                                                                   -6853
-5210
-5026
                                                                                                                   S65E
Average Flow over previous 14 days | Avg-Daily Flow
                                                                                                                 S65EX1
                                                                            Average Flow over previous 14 days | Avg-Daily Flow
  22MAY22 Today= 22 MAY 2022 0 MON | -NR-

      22MAY22
      Today=
      22 MAY 2022
      0 MON

      22MAY22
      -1 Day =
      21 MAY 2022
      0 SUN

      22MAY22
      -2 Days =
      20 MAY 2022
      0 SAT

      22MAY22
      -3 Days =
      19 MAY 2022
      0 FRI

      22MAY22
      -4 Days =
      18 MAY 2022
      0 THU

      22MAY22
      -5 Days =
      17 MAY 2022
      0 WED

      22MAY22
      -6 Days =
      16 MAY 2022
      0 MON

      22MAY22
      -7 Days =
      15 MAY 2022
      0 SUN

      22MAY22
      -8 Days =
      14 MAY 2022
      0 SUN

      22MAY22
      -9 Days =
      13 MAY 2022
      0 SAT

      22MAY22
      -10 Days =
      12 MAY 2022
      0 FRI

      22MAY22
      -11 Days =
      11 MAY 2022
      0 THU

      22MAY22
      -12 Days =
      10 MAY 2022
      0 WED

      22MAY22
      -13 Days =
      09 MAY 2022
      0 TUE

                                                                                                                                                                                                                                               -NR-
                                                                                                                                                                                                                     0
                                                                                                                                                                                                                                                        0
                                                                                                                                                                                                                  0
```

21 20 19 18 17 16 15 14 13 12 11	MAY		1136 1357 2184 2613 2699 1924 1704 2116 2435 2255 1969 1728	Below S-77 Discharge (ALL-DAY) (AC-FT) 1180 1125 1330 2328 2817 2928 2071 1901 2050 2383 2245 1958 1895 3362	S-78 Discharge (ALL DAY) (AC-FT) 849 1305 1318 1325 1314 1384 1633 1839 1937 1901 1692 1302 1392 1957	S-79 Discharge (ALL DAY) (AC-FT) 2504 2336 1663 1725 1712 1655 1833 2065 2260 1798 1518 1723 1931 2381	
			S-310	s-351	S-352	S-354	L8 Canal Pt
			Discharge	Discharge	Discharge	Discharge	Discharge
	Dami	_	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)	(ALL DAY)
22	DATE	± 2022	(AC-FT) -98	(AC-FT) -NR-	(AC-FT) -NR-	(AC-FT) -NR-	(AC-FT) -NR-
		2022		-NR-	-NR-	-NR-	-NR-
		2022		0	0	0	-NR-
		2022	218	1141	0	0	-NR-
18	MAY	2022	230	2088	0	217	-NR-
		2022	203	181	0	364	-NR-
		2022	- 5	62	90	0	-NR-
		2022	57	0	15	0	-NR-
		2022 2022		517 3017	1070 1580	296 1192	-NR- -NR-
		2022	226	3183	1520	1598	-NR-
		2022		3001	1678	1503	-NR-
		2022		2754	1545	1038	-NR-
09	MAY	2022	318	2221	1173	741	-NR-
			S-308	Below S-308	S-80		
			Discharge	Discharge	Discharge	<u>.</u>	
			(ALL DAY)	(ALL-DAY)	(ALL-DAY)		
	DATE	3	(AC-FT)	(AC-FT)	(AC-FT)		
		2022		-NR-	47		
		2022		-NR-	54		
		2022 2022	1714 1772	-NR-	37 36		
		2022	1618	-NR- -NR-	30		
		2022	1299	-NR-	46		
		2022	1308	-NR-	49		
		2022	1377	-NR-	48		
		2022		-NR-	57		
		2022	1160	-NR-	28		
		2022 2022	1345 1469	-NR- -NR-	39 31		
		2022		-NR-	32		
		2022	1187	-NR-	30		

*** NOTE: Discharge (ALL DAY) is computed using Spillway, Sector Gate and

Lockages Discharges from 0015 hrs to 2400 hrs.

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(I) - Flows preceded 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 \min 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.

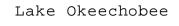
Today Lake Okechobee elevation is determined from the 4 Int & 4 Edge stations

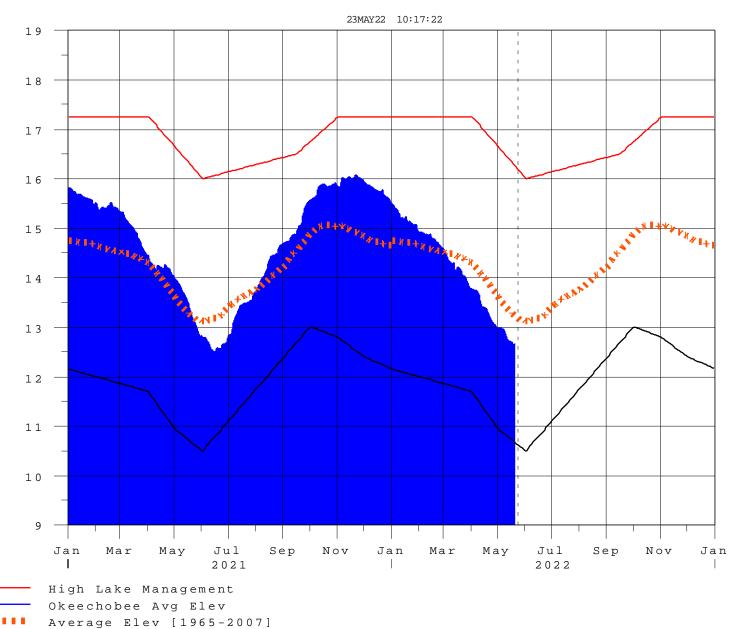
++ For more information see the Jacksonville District Navigation website at http://www.saj.usace.army.mil/

\$ For information regarding Lake Okeechobee Service Area water restrictions

please refer to www.sfwmd.gov

Report Generated 23MAY2022 @ 10:15 ** Preliminary Data - Subject to Revision





Water Shortage Management

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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

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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
[[1001]	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

<u>Classification of Lake Okeechobee Net Inflow Multi-Seasonal Outlook</u>*

Lake Net Inflow Prediction	Equivalent Depth**	Lake Okeechobee
[million acre-feet]	[feet]	Net Inflow
[[noot]	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