Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 5/20/2024 (ENSO Condition: El Niño)

Lake Okeechobee Net Inflow Outlook:

The Lake Okeechobee Net Inflow Outlook has been computed using methods described in the LORS2008 Water Control Plan: Croley's method, the SFWMD empirical method, a subsampling of El Niño years and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with El Niño ENSO years. 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*		SFWMD Empirical Method		Sub-sampling of El Niño ENSO Years**		Sub-sampling of AMO Warm + El Niño ENSO Years***	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (May-Oct)	N/A	N/A	2.05	Very Wet	2.23	Very Wet	3.68	Very Wet
Multi Seasonal (May-Apr)	N/A	N/A	2.26	Normal	2.36	Normal	5.54	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 IRI ENSO forecast published.

^{***}Sub-sampling based on combination of ENSO and AMO conditions. For this predominant ENSO categorization is used instead of weights.

Tributary Hydrologic Conditions:

- **-2850 cfs** 14-day running average for Lake Okeechobee Net Inflow through 5/20/2024. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-1.79** for Palmer Drought Index on 5/18/2024. 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 5/20/2024:

Lake Okeechobee Stage: 13.52 feet (NGVD29), 12.27 (NAVD88) *

	ee Management /Band	Bottom Elevation feet, NGVD (feet NAVD)	Current Lake Stage
High Lake Manage	ement Band	16.27 (15.02)	
	High sub-band	15.71 (14.46)	
Operational Band	Intermediate sub-band	15.10 (13.85)	
	Low sub-band	13.13 (11.88)	← 13.52 ft (12.27)
Base Flow sub-ba	nd	12.60 (11.35)	,
Beneficial Use sub	o-band	10.67 (9.42)	
Water Shortage M	lanagement Band		

^{*}Lake Okeechobee Stage NAVD88 offset of -1.25 is based on Final Regulation Schedule Conversion (5/19/2020).

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.

<u>Lake Okeechobee Releases to the Caloosahatchee Estuary for LORS 2008 Baseflow & for Environmental Water Supply</u>

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 5/20/2024 (ENSO Condition- El Niño):

Status for week ending 5/20/2024*:

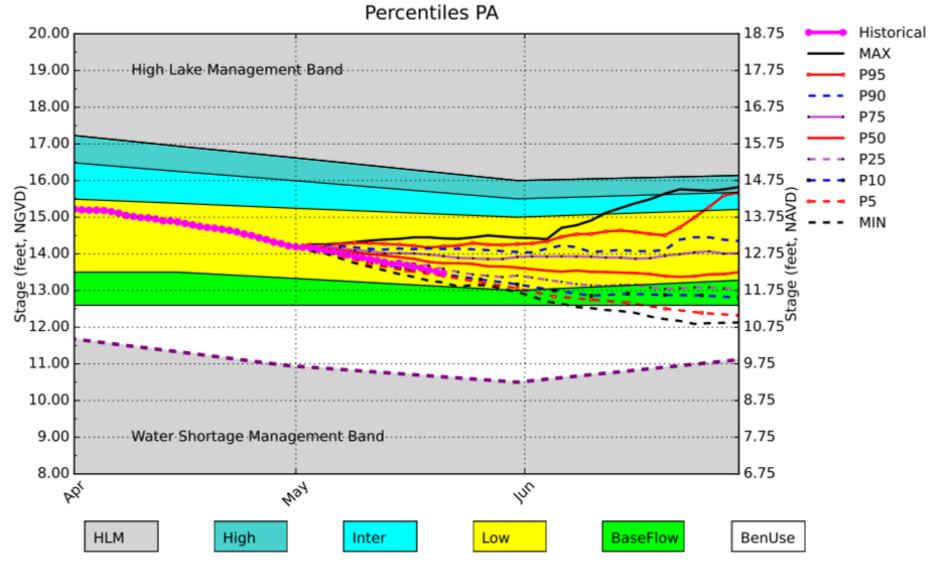
Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
	Projected LOK Stage for the next two months	Low Sub-band	L
	Palmer Drought Index for LOK Tributary Conditions	-1.79 (Dry)	M
	CPC Procinitation Outlook	1 month: Equal chances	L
LOK	CPC Precipitation Outlook	3 months: Above Normal	L
	LOK Seasonal Net Inflow Outlook	2.23 ft	
	ENSO Forecast	Normal to Extremely Wet	_
	LOK Multi-Seasonal Net Inflow Outlook	2.36 ft	D.4
	ENSO Forecast	Normal	M
	WCA 1: Site 1-8C	Above Line 1 (15.19 ft) (13.69 ft NAVD88)	L
WCAs	WCA 2A: Site S11B	Above Line 1 (11.10 ft) (9.60 ft NAVD88)	L
	WCA-3A: 3 Station Average (Sites 63, 64, and 65)	Above Line 1 (9.14 ft) (7.64 ft NAVD88)	L
	Service Area 1	Year-Round Irrigation Rule in effect	L
LEC	Service Area 2	Year-Round Irrigation Rule in effect	L
	Service Area 3	Year-Round Irrigation Rule in effect	L

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

^{*} S-80 flow data for 5/3, 5/8-5/9, and 5/14-5/19 is not available from USACE Daily Reports and was assumed to be 0. S-77 flow data for 5/11-5/14 and 5/17-5/18 is not available from USACE Daily Reports and was substituted with downstream gage values from USGS and DBHYDRO. S-354 flow data for 5/10 and 5/11 is not available from USACE Daily Reports and was substituted with gage values from DBHYDRO.WCA1, WCA2A, and WCA3A NAVD88 offset of -1.5 is based on Final Regulation Schedule Conversion (5/19/2020).

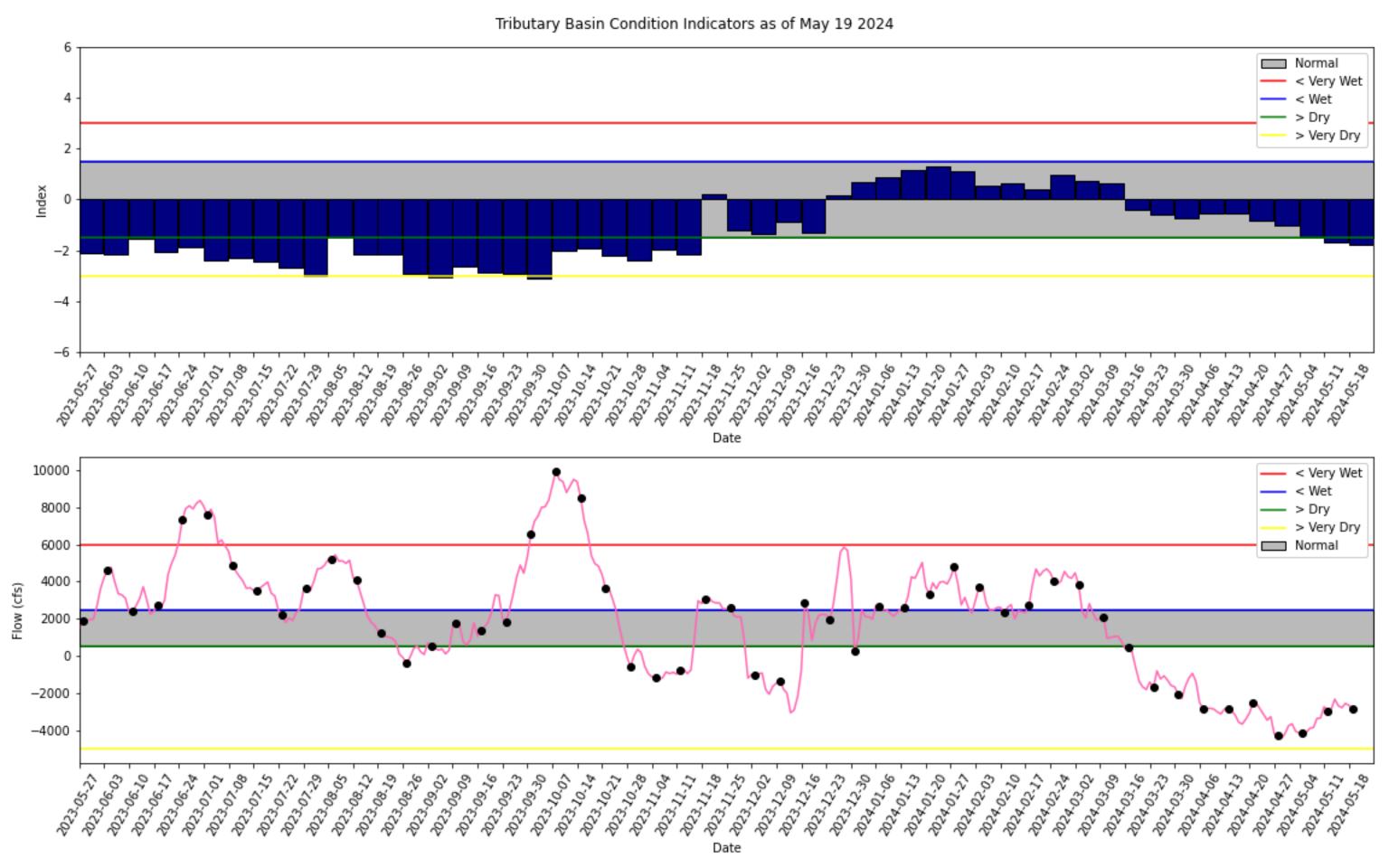
Lake Okeechobee SFWMM May 2024 Position Analysis



(See assumptions on the Position Analysis Results website)

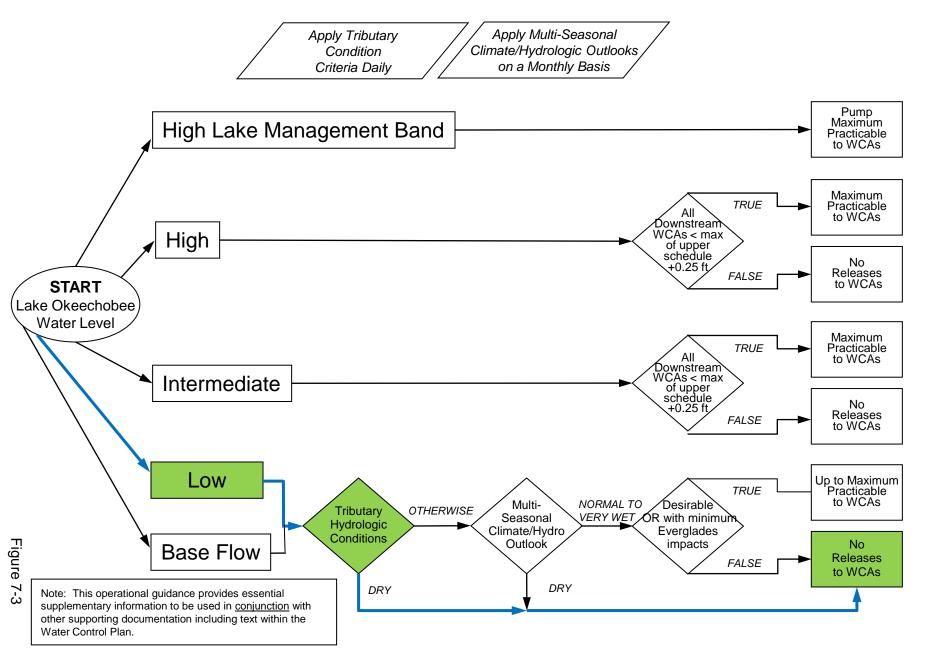
05/21/24 08:10:05

^{*} Lake Okeechobee stage NAVD88 offset of -1.25 is based on Final Regulation Schedule Conversion (5/19/2020).



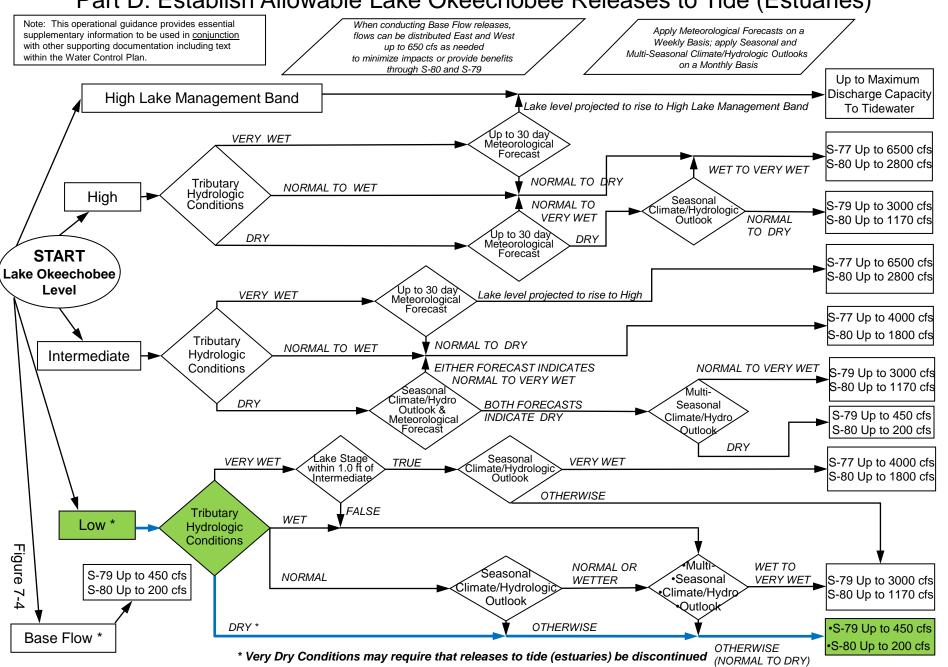
2008 LORS

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

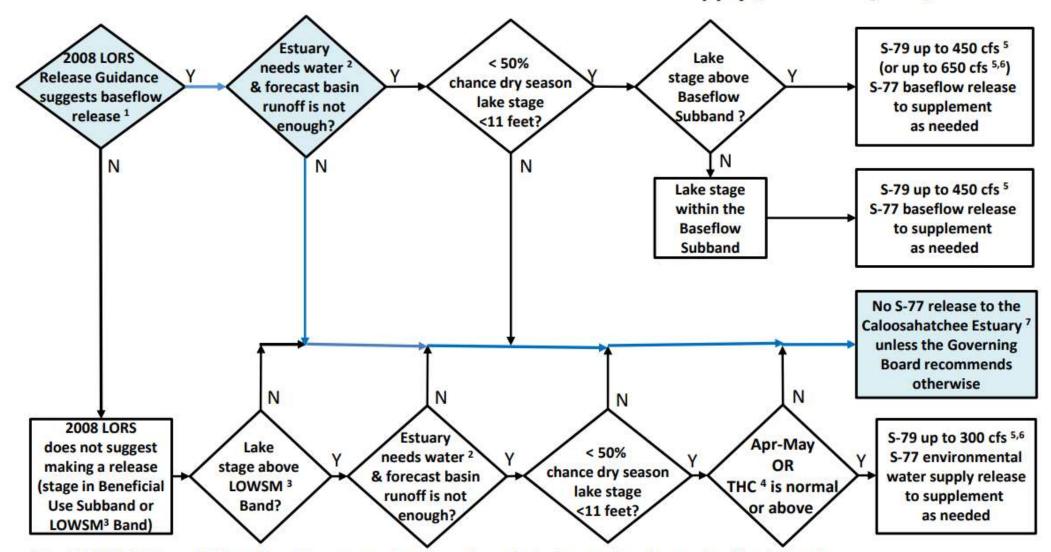


2008 LORS

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.

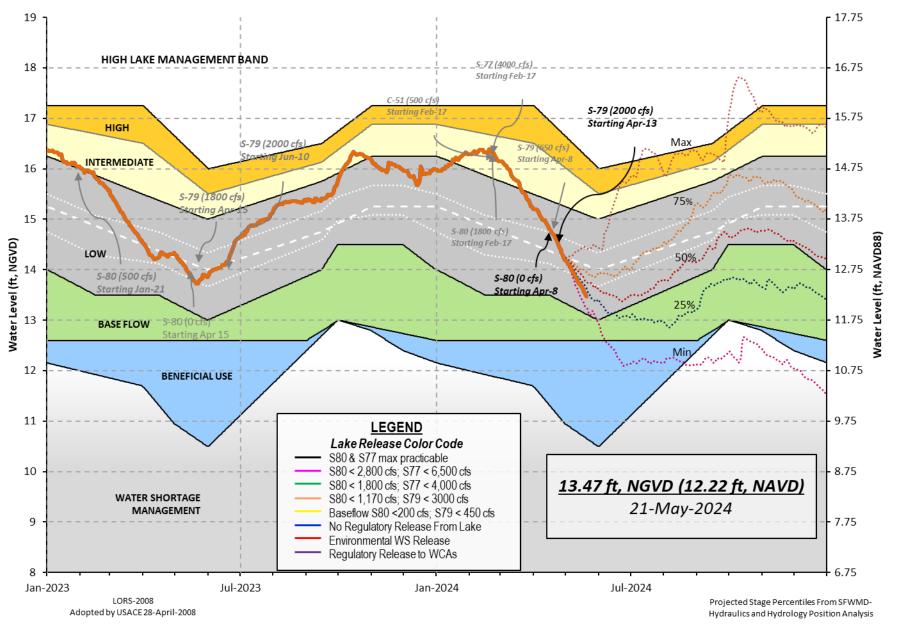
⁴Tributary Hydrologic Condition (THC) is based on classification of Lake Okeechobee Net Inflow and Palmer Index.

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



Stage is plotted in NGVD. Please use the left axis for water level history and projected stages. Lake Okeechobee stage NAVD88 offset of -1.25 is based on Final Regulation Schedule Conversion (5/19/2020).

5/20/24, 1:35 PM oke

Data Ending 2400 hours 19 MAY 2024

*Okeechobee Lake Elevation 13.52 13.77 12.63 (Official Elv)

Bottom of High Lake Mngmt= 16.27 Top of Water Short Mngmt= 10.67 Currently in Operational Management Band

currencely in operacional nanagement band

Simulated Average LORS2008 [1965-2000] 12.03 Difference from Average LORS2008 1.49

19MAY (1965-2007) Period of Record Average 13.24 Difference from POR Average 0.28

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

++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ◆ 7.46' ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ◆ 5.66' Bridge Clearance = 49.70'

4 Interior and 4 Edge Okeechobee Lake Average (Avg-Daily values):

L001 L005 L006 LZ40 S4 S352 S308 S133 13.61 13.57 13.48 13.47 13.40 13.67 13.47 13.53

*Combination Okeechobee Avg-Daily Lake Average = 13.52 (*See Note)

(· See Note)

Okeechobee Inflows (cfs): S65E 249 S65EX1 0 Fisheating Cr 0 S154 -NR-S191 0 S135 Pumps 0 S84 0 S133 Pumps 0 S2 Pumps 0 S84X 0 S127 Pumps 0 S3 Pumps 0 S129 Pumps 0 S4 Pumps 0 S71 0 0 S72 0 S131 Pumps C5 Total Inflows: 249

Okeechobee Outflows (cfs): S135 Culverts -NR-S354 849 S77 2282 426 S127 Culverts 0 S351 S308 -0 S129 Culverts a S352 149 S131 Culverts 0 L8 Canal Pt 82 Total Outflows: 3788

****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 0.34 S308 0.35

Average Pan Evap x 0.75 Pan Coefficient = 0.26" = 0.02'

Lake Average Precipitation using NEXRAD: = -NR-" = -NR-"

Evaporation - Precipitation: = -NR-" = -NR-"

Evaporation - Precipitation using Lake Area of 730 square miles

Evaporation - Precipitation using Lake Area of 730 square miles

5/20/24. 1:35 PM oke

is equal to -NR-

Lake Okeechobee (Change in Storage) Flow is -8470 cfs or -16800 AC-FT

```
------ Gate Positions ------
           Headwater Tailwater
           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: 13.31
                     13.57
                                0
                                    -NR- -NR- -NR- -NR- (cfs)
 S193:
 S191:
             18.49
                   13.64
                              0
                                  -NR- 0.0 0.0
 S135 Pumps: 13.23
                     13.53
                              0 -NR- -NR- -NR- -NR-
                                                           (cfs)
 S135 Culverts:
                              -NR-
                                  0.0 0.0
North West Shore
 S65E:
             21.05
                     13.49
                              249
                                    0.5 0.1 0.0 0.0 0.0 0.0
 S65EX1:
             21.05
                     13.49
                              0
 S127 Pumps: 13.32
                    13.64
                                0
                                  -NR- -NR- -NR- -NR- (cfs)
                                0
 S127 Culvert:
                                   0.0
 S129 Pumps: 12.98
                     13.51
                                0
                                  -NR- -NR- -NR-
                                                           (cfs)
 S129 Culvert:
                                    0.0
                                0
 S131 Pumps: 13.05
                     -NR-
                                0
                                   -NR- -NR-
                                                           (cfs)
 S131 Culvert:
                                0
 Fisheating Creek
   nr Palmdale
                      27.47
   nr Lakeport
 S282
                     13.26
                                      2.0 2.0 2.0
           13.43
South Shore
                   -NR-
 S4 Pumps:
             11.60
                              0
                                  -NR- -NR- -NR-
                                                           (cfs)
 S169:
             13.26
                     5.85
                             -NR-
                                  0.0 0.0 0.0
 S310:
                              -NR-
 S3 Pumps:
             10.07
                   13.24
                              0
                                  -NR- -NR- -NR-
                                                           (cfs)
             13.24
                    10.07
                                    2.2 2.4
 S354:
                              849
             10.07
                     13.24
                                   -NR- -NR- -NR- -NR-
 S2 Pumps:
                              0
                                                           (cfs)
                    10.07
             13.24
                                    2.6 2.5 2.4
 S351:
                              426
                     9.09
 S352:
             13.65
                              149
                                    0.0 0.0
 S271:
             13.72
                     13.68
                                    9.5 9.7 9.7
                                                    0.0
 L8 Canal PT
                     13.39
                               82
                S351 and S352 Temporary Pumps/S354 Spillway
                     13.24
                              426 -NR--NR--NR--NR--NR-
 S351:
             10.07
 5352:
             9.09
                     13.65
                              149 -NR--NR--NR-
                     13.24
                              849 -NR--NR--NR-
 S354:
             10.07
Caloosahatchee River (S77, S78, S79)
 S47B:
       13.20
                                    0.5 1.0
                     11.09
 S47D:
                     11.04
                                    0.0
 S77:
   Spillway and Sector Preferred Flow:
                   10.91 2279 3.0 3.5 3.5 3.0
             13.20
   Flow Due to Lockages+:
                                3
```

S78:

5/20/24, 1:35 PM oke

Spillway and Sector Flow:

10.90 2.93 1914 0.5 3.0 3.0 0.0

Flow Due to Lockages+: 17

S79:

Spillway and Sector Flow:

3.03 1.15 2189 0.0 2.0 2.0 2.0 2.0 2.0 0.0 0.0

Flow Due to Lockages+: 8 Percent of flow from S77 104% Chloride (ppm)

St. Lucie Canal (S308, S80)

S308:

Spillway and Sector Preferred Flow:

13.37 13.80 0 0.0 0.0 0.0 0.0

Flow Due to Lockages+: -0

S153: 18.85 13.56 -NR-0.0 0.0

S80:

Spillway and Sector Flow:

13.83 1.40 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Flow Due to Lockages+: -NR-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
aily Precipitation Totals	1-Day	3-Day	7-Day	Directio	n Speed
	(inches)	(inches)	(inches)	(Deg�)	(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	0.00	0.33	194	-NR-
S78:	0.00	0.00	0.32	236	3
S79:	0.00	0.00	0.53	231	2
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	0.00	0.00	14	2
S80:	0.58	0.58	0.87	-NR-	-NR-
Okeechobee Average	0.00	0.00	0.03		
(Sites S78, S79 and					
Oke Nexrad Basin Avg	-NR-	0.00	0.00		

Okeechobee Lake Elevations 19 MAY 2024 19MAY24 - 1 Day =18 MAY 2024 13.52 Difference from 19MAY24 0.04 13.56

5/20/24, 1:35 PM oke

```
19MAY24
            -2 Days =
                             17 MAY 2024
                                                     13.61
                                                                        0.09
   19MAY24 - 3 Days =
                             16 MAY 2024
                                                   13.65
                                                                        0.13
                            15 MAY 2024
   19MAY24 -4 Days =
                                                   13.69
                                                                        0.17
                                                   13.73
   19MAY24 -5 Days =
                            14 MAY 2024
                                                                        0.21
                                                   13.72
13.77
   19MAY24 -6 Days =
                            13 MAY 2024
                                                                        0.20
   19MAY24 -7 Days =
                             12 MAY 2024
                                                                        0.25
                             19 APR 2024
   19MAY24 - 30 Days =
                                                   14.70
                                                                        1.18
   19MAY24 - 1 Year =
                             19 MAY 2023
                                                                        0.25
                                                    13.77
   19MAY24 - 2 Year =
                             19 MAY 2022
                                                     12.63
                                                                       -0.89
Long Term Mean 30day Avearge ET for Lake Alfred (Inches) =
                          Lake Okeechobee Net Inflow (LONIN)
                    Average Flow over the previous 14 days
                                                                  Avg-Daily Flow
   19MAY24
              Today =
                            19 MAY 2024
                                              -3053 MON
                                                                     -4726
   19MAY24 - 1 Day =
                             18 MAY 2024
                                               -2675 SUN
                                                                      -NR-
   19MAY24 - 2 Days =
                            17 MAY 2024
                                              -2760 SAT
                                                                      -NR-
                            16 MAY 2024
   19MAY24 -3 Days =
                                             -3097 FRI
                                                                     -2315
   19MAY24 -4 Days =
                            15 MAY 2024
                                             -2938 THU
                                                                     -2683
                       14 MAY 2024
13 MAY 2024
12 MAY 2024
11 MAY 2024
10 MAY 2024
09 MAY 2024
08 MAY 2024
07 MAY 2024
06 MAY 2024
   19MAY24 -5 Days =
                            14 MAY 2024
                                              -2382 WED
                                                                      -NR-
   19MAY24 -6 Days =
                                             -2382 TUE
                                                                      -NR-
   19MAY24 -7 Days =
                                             -2836 MON
                                                                      -NR-
   19MAY24 -8 Days =
                                             -2876 SUN
                                                                      -NR-
   19MAY24 - 9 Days =
                                             -2876 SAT
                                                                      -NR-
   19MAY24 - 10 Days =
                                             -3081 FRI
                                                                     -1113
   19MAY24 - 11 Days =
                                              -3656 THU
                                                                     -2823
   19MAY24 - 12 Days =
                                               -3708 WED
                                                                     -4477
                             06 MAY 2024
   19MAY24 - 13 Days =
                                               -3958 TUE
                                                                     -3234
                                   S65E
                        Average Flow over previous 14 days
                                                                  Avg-Daily Flow
   19MAY24
                             19 MAY 2024
               Today=
                                                -NR- MON
                                                                      -NR-
   19MAY24 - 1 Day =
                             18 MAY 2024
                                                -NR- SUN
                                                                      -NR-
   19MAY24 -2 Days =
                            17 MAY 2024
                                                -NR- SAT
                                                                      -NR-
                          16 MAY 2024
15 MAY 2024
14 MAY 2024
13 MAY 2024
12 MAY 2024
11 MAY 2024
10 MAY 2024
09 MAY 2024
   19MAY24 -3 Days =
                            16 MAY 2024
                                                -NR- FRI
                                                                      -NR-
   19MAY24 -4 Days =
                                                -NR- THU
                                                                      -NR-
   19MAY24 -5 Days =
                                               -NR- WED
                                                                      -NR-
   19MAY24 -6 Days =
                                               -NR- TUE
                                                                      -NR-
   19MAY24 -7 Days =
                                               -NR- MON
                                                                      -NR-
   19MAY24 -8 Days =
                                               -NR- SUN
                                                                      -NR-
   19MAY24 -9 Days =
                                               -NR- SAT
                                                                      -NR-
   19MAY24 - 10 Days =
                                                -NR- FRI
                                                                      -NR-
   19MAY24 -13 Days = 08 MAY 2024
19MAY24 -13 Days = 07 MAY 2024
                                                -NR- THU
                                                                      -NR-
                                                -NR- WED
                                                                      -NR-
                                                -NR- TUE
                                                                      -NR-
                                   S65EX1
                        Average Flow over previous 14 days
                                                                 Avg-Daily Flow
   19MAY24
               Today=
                          19 MAY 2024
                                            0
                                                       MON
                                                                          0
   19MAY24 -1 Day =
                             18 MAY 2024
                                                       SUN
                                                   0
                            17 MAY 2024
   19MAY24 -2 Days =
                                                  0
                                                       SAT
                                                                          0
                           16 MAY 2024
15 MAY 2024
                                                 0
                                                       FRI
                                                                          0
   19MAY24 - 3 Days =
   19MAY24 - 4 Days =
                                                  4
                                                       THU
   19MAY24 -5 Days =
                            14 MAY 2024
                                                       WED
                                                10
                                                                          0
   19MAY24 -6 Days =
                            13 MAY 2024
                                                       TUE
                                                                          0
                                                  17
   19MAY24 - 7 Days =
                            12 MAY 2024
                                                  24
                                                       MON
                                                                          0
   19MAY24 -8 Days =
19MAY24 -9 Days =
                             11 MAY 2024
                                                  31
                                                       SUN
                                                                          0
                             10 MAY 2024
                                                  37
                                                       SAT
                                                                           0
   19MAY24 -10 Days =
                             09 MAY 2024
                                                  44
                                                       FRI
                                                                          0
   19MAY24 - 11 Days =
                             08 MAY 2024
                                                  51
                                                       THU
                                                                          0
   19MAY24 - 12 Days =
                             07 MAY 2024
                                                  57
                                                       WED
                                                                           0
```

06 MAY 2024

64

TUE

0

19MAY24 - 13 Days =

oke

Lake Okeechobee Outlets Last 14 Days

DATE	S-77 Discharge (ALL DAY) (AC-FT)	(ALL-DAY) (AC-FT)	S-78 Discharge (ALL DAY) (AC-FT)	S-79 Discharge (ALL DAY) (AC-FT)	
19 MAY 2024 18 MAY 2024		-NR - -NR -	3863 2911	4434 3183	
17 MAY 2024		-NR-	3089	4141	
16 MAY 2024		-NR-	4095	5014	
15 MAY 2024		-NR-	3470	4821	
14 MAY 2024		-NR-	3302	4365	
13 MAY 2024		-NR-	2704	3047	
12 MAY 2024		-NR-	2686	3172	
11 MAY 2024	1 -NR-	-NR-	2502	2683	
10 MAY 2024	3344	-NR-	2078	2671	
09 MAY 2024	3088	-NR-	2066	2453	
08 MAY 2024		-NR-	2638	3527	
07 MAY 2024		-NR-	3784	4717	
06 MAY 2024	4894	-NR -	3810	5110	
	S-310	S-351	S-352	S-354	L8 Canal Pt
	Discharge	Discharge	Discharge	Discharge	Discharge
	(ALL DAY)		(ALL DAY)	(ALL DAY)	(ALL DAY)
DATE	`(AC-FT)´	`(AC-FT)	`(AC-FT)	`(AC-FT)´	`(AC-FT)
19 MAY 2024		` 846 [´]	` 296 ´	` 1683 [´]	` 163 [´]
18 MAY 2024	1 -NR-	3304	1331	2386	164
17 MAY 2024	1 -NR-	3357	1525	2623	166
16 MAY 2024	1 -NR-	3098	1376	2561	169
15 MAY 2024		3674	1251	2525	168
14 MAY 2024		3304	1278	2521	168
13 MAY 2024		2380	1002	2450	165
12 MAY 2024		1872	495	2415	171
11 MAY 2024		2686	1071	-NR-	175
10 MAY 2024		2832	1712	-NR-	174
09 MAY 2024		3232	1474	2294	174 175
08 MAY 2024 07 MAY 2024		3494 3346	1148 1107	2315 2470	175 177
06 MAY 2024		2262	678	2455	178
00 MAT 202-	-1411	2202	070	2433	170
	S-308	Below S-308			
	Discharge	Discharge			
	(ALL DAY)	(ALL-DAY)	(ALL-DAY)	
DATE	(AC-FT)	(AC-FT)	(AC-FT)		
19 MAY 2024		-NR-	-NR -		
18 MAY 2024		-NR-	-NR -		
17 MAY 2024		-NR-	-NR-		
16 MAY 2024		-NR-	-NR-		
15 MAY 2024		-NR-	-NR-		
14 MAY 2024 13 MAY 2024		-NR- -NR-	-NR- 36		
13 MAY 2024 12 MAY 2024		-NR-	55		
11 MAY 2024		-NR-	49		
10 MAY 2024		-NR-	43		
09 MAY 2024		-NR-	-NR-		
08 MAY 2024		-NR-	-NR -		
07 MAY 2024		-NR-	38		
06 MAY 2024		-NR-	42		

*** NOTE: Discharge (ALL DAY) is computed using Spillway, Sector Gate and Lockages Discharges from 0015 hrs to 2400 hrs.

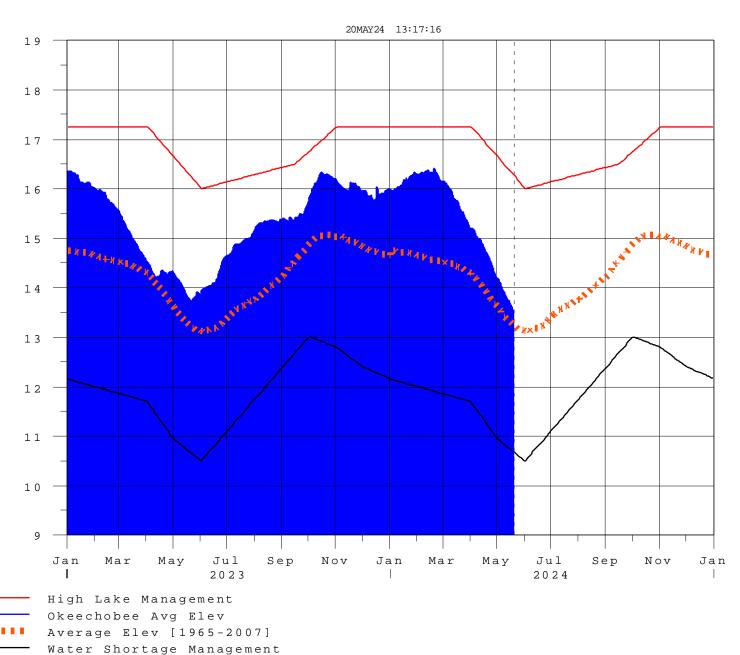
⁽I) - Flows preceded by "I" signify an instantaneous flow computed from the single value reported for the day

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- * 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
- \$ For information regarding Lake Okeechobee Service Area water restrictions
 please refer to www.sfwmd.gov

Report Generated 20MAY2024 @ 13:15 ** Preliminary Data - Subject to Revision **





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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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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	
[[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