Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 11/07/2022 (ENSO Condition: La Niña)

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 sub-sampling of La Niña years and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with La Niña 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 La Niña ENSO Years**		Sub-sampling of AMO Warm + La Niña ENSO Years***	
	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition	Value (ft)	Condition
Current (Nov-Apr)	N/A	N/A	0.16	Dry	-0.09	Dry	-0.28	Dry
Multi Seasonal (Nov-Oct)	N/A	N/A	2.61	Wet	2.52	Wet	2.18	Normal

*Croley's Method Not Produced for This Report

See Seasonal and Multi-Seasonal 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 Graph:

5285 cfs 14-day running average for Lake Okeechobee Net Inflow through 11/07/2022.
According to the classification in Tributary Hydrologic Conditions table, this condition is Wet.

-0.20 for Palmer Drought Index on 11/05/2022.
According to the classification in Tributary Hydrologic Conditions table, this condition is Near Normal.

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 11/07/2022:

Lake Okeechobee Stage: **15.89 feet**

Lake Okeechobee Management Zone/Band		Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Management Band		17.25	
Operational Band	High sub-band	16.88	
	Intermediate sub-band	16.25	
	Low sub-band	14.50	← 15.89 ft
Base Flow sub-band		12.84	
Beneficial Use sub-band		12.72	
Water Shortage Management 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 3000 cfs at S-79 and up to 1170 cfs at S-80.

LORS2008 Implementation on 11/07/2022 (ENSO Condition- La Niña Watch):

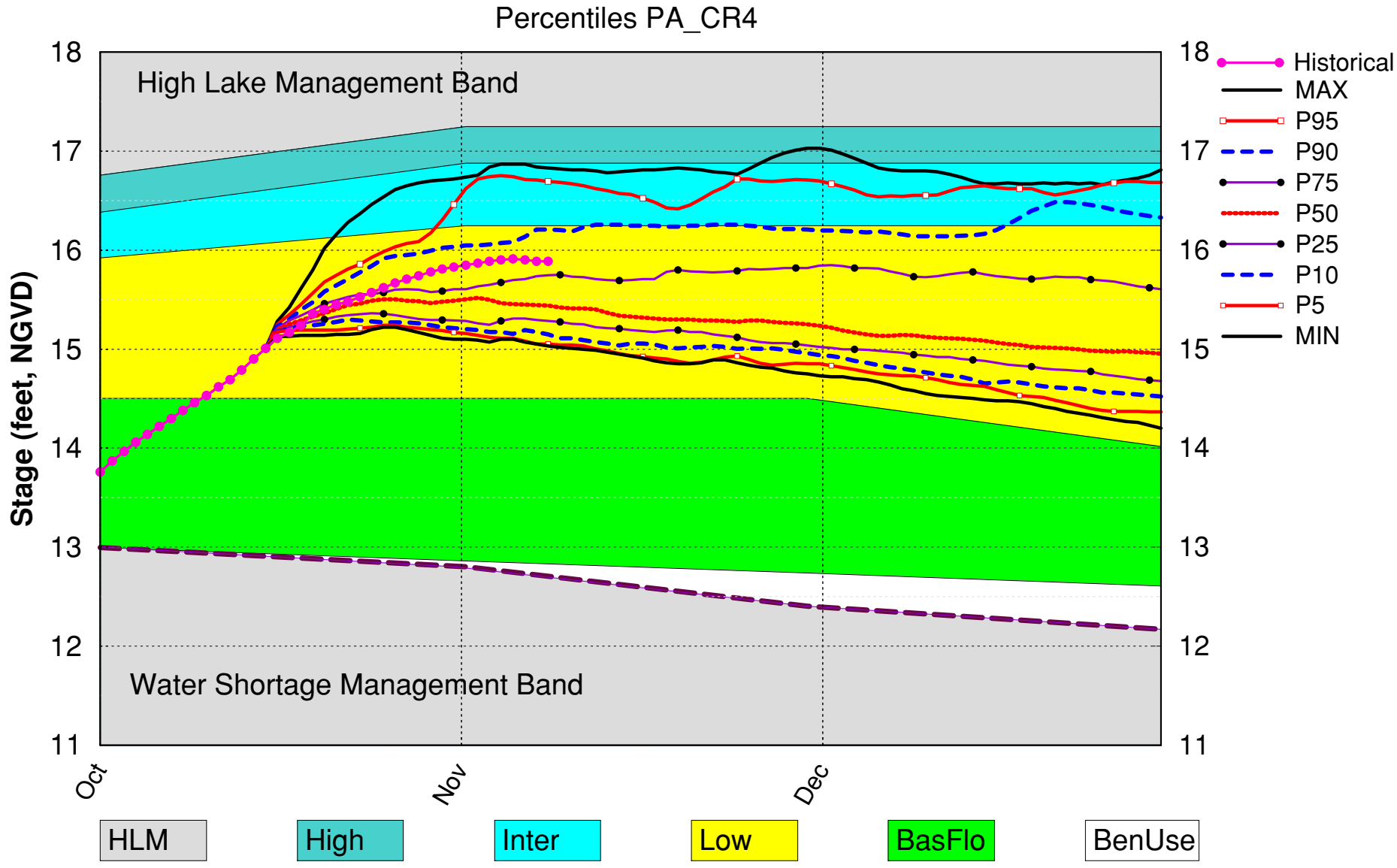
Status for week ending 11/07/2022:

Water Supply Risk Evaluation

Area	Indicator	Value	Color Coded Scoring Scheme
LOK	Projected LOK Stage for the next two months	Low Sub-band	M
	Palmer Drought Index for LOK Tributary Conditions	-0.20 (Normal to Extremely Wet)	L
	CPC Precipitation Outlook	1 month: Below Normal	M
		3 months: Below Normal	M
	LOK Seasonal Net Inflow Outlook	-0.09 ft	H
	ENSO Forecast	Extremely Dry	
	LOK Multi-Seasonal Net Inflow Outlook	2.52 ft	M
	ENSO Forecast	Normal	
WCAs	WCA 1: 3 Station Average (Sites 1-7, 1-8T, 1-9)	Above Line 1 (17.12 ft)	L
	WCA 2A: Site 2-17	Above Line 1 (13.46 ft)	L
	WCA-3A: 3 Station Average (Sites 63, 64, and 65)	Above Line 1 (10.58 ft)	L
LEC	Service Area 1	Year-Round Irrigation Rule in effect	L
	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.

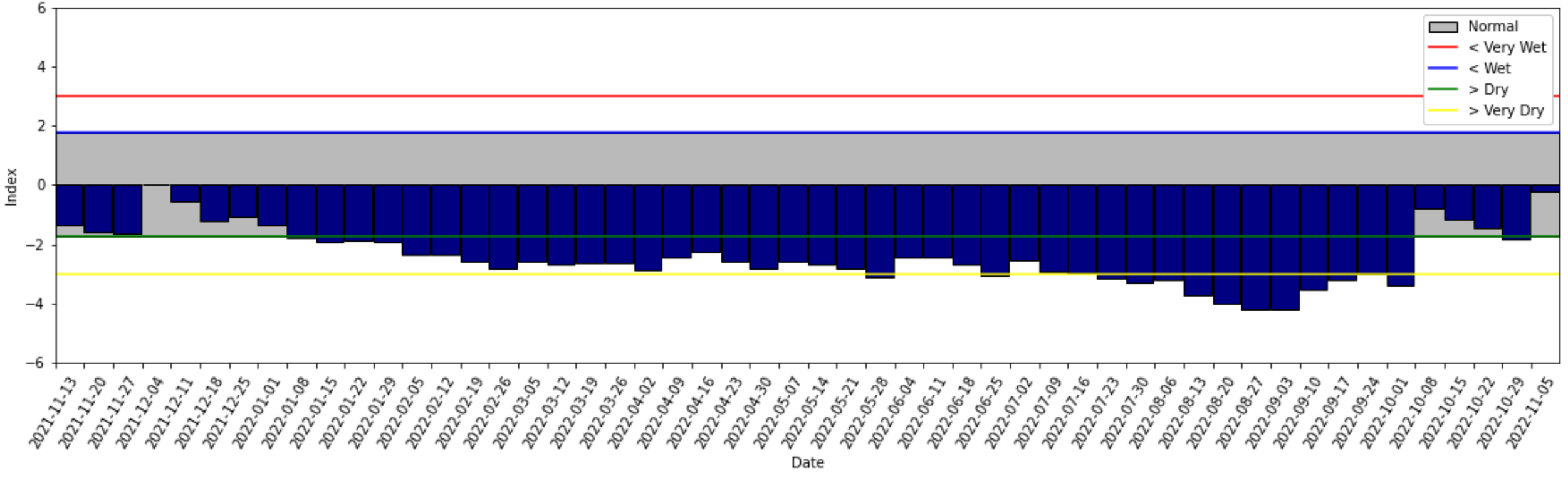
Lake Okeechobee SFWMM Oct Mid–Mon 2022 Position Analysis

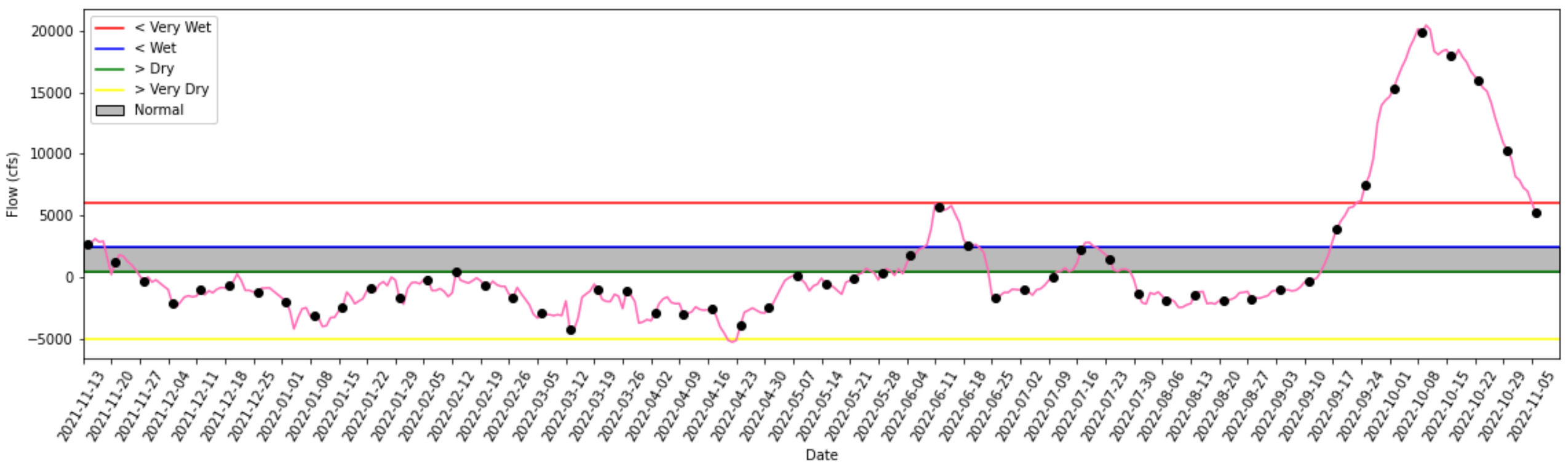


(See assumptions on the Position Analysis Results website)

Tue Nov 08 08:00:00 2022

Tributary Basin Condition Indicators as of November 06 2022





2008 LORS

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

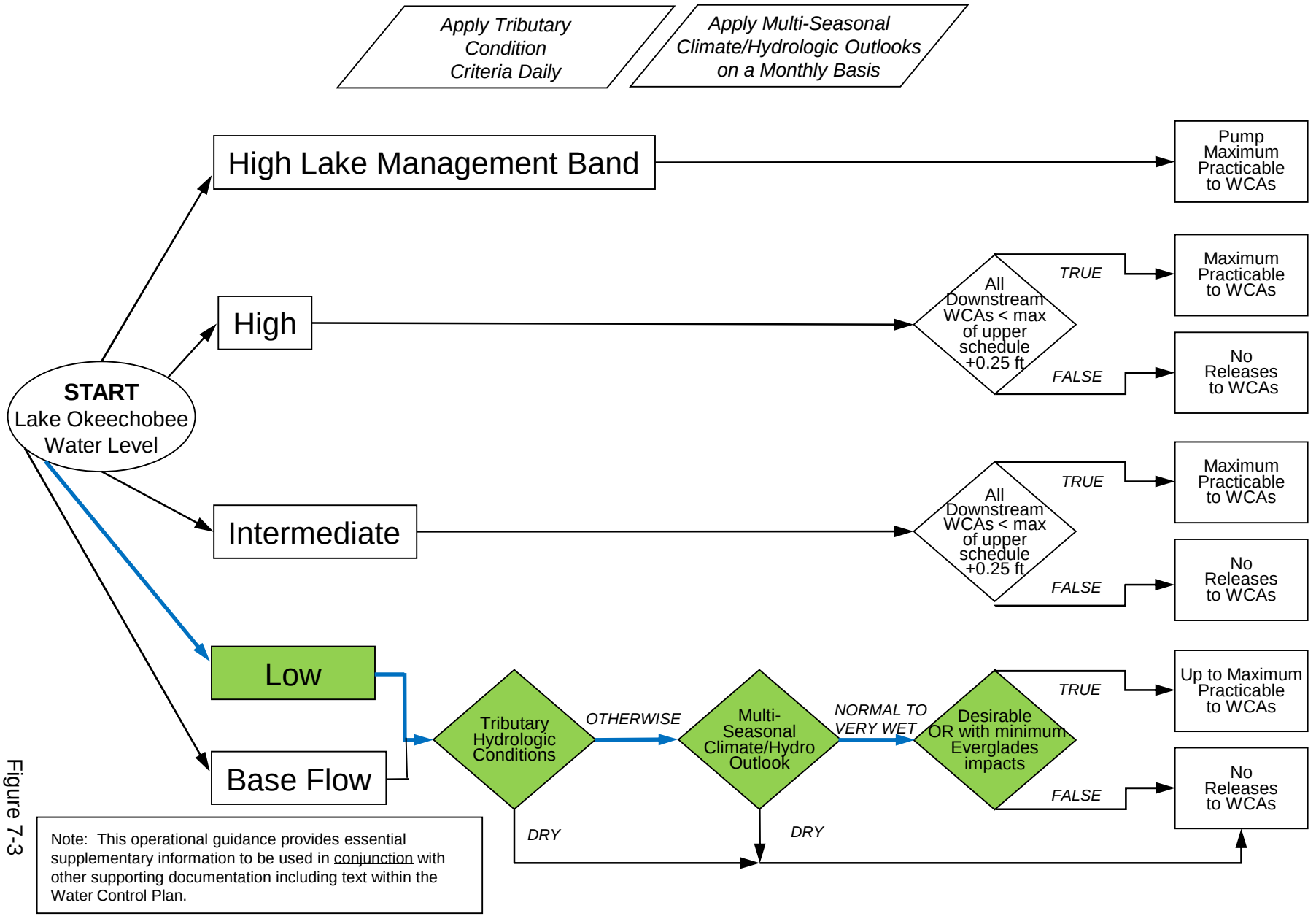
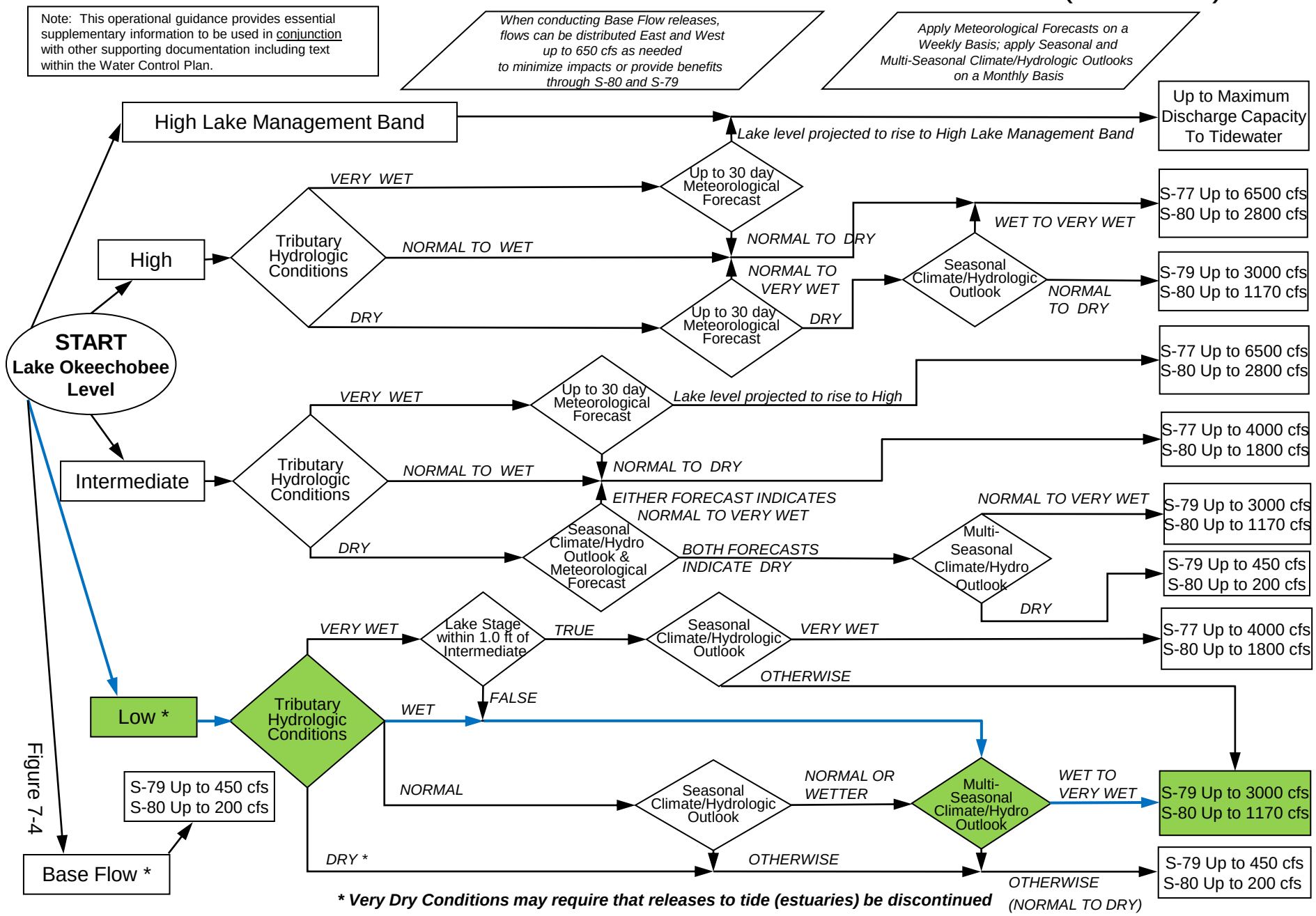


Figure 7-3

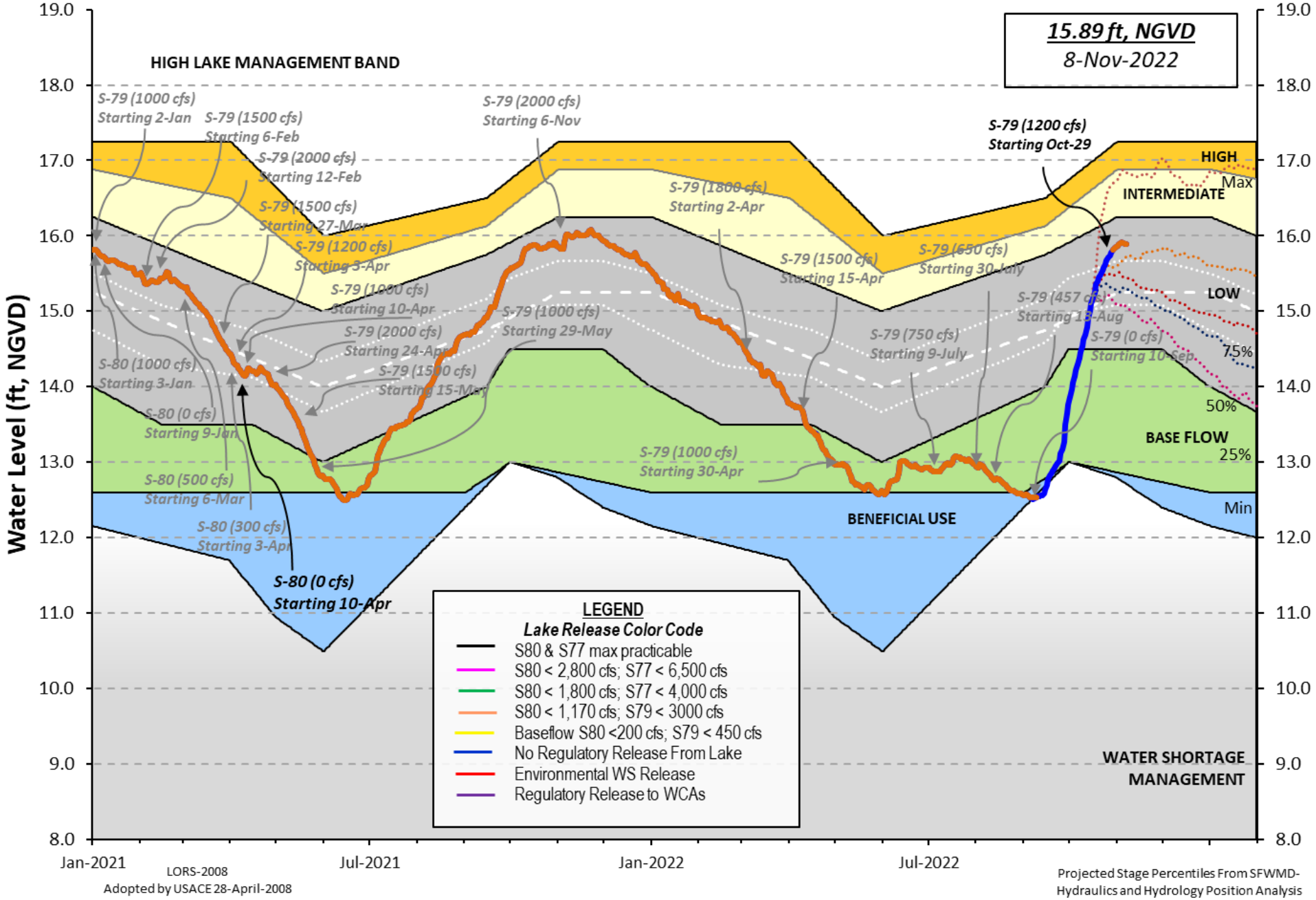
2008 LORS

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



**** Very Dry Conditions may require that releases to tide (estuaries) be discontinued***

Lake Okeechobee Water Level History and Projected Stages



LORS-2008
Adopted by USACE 28-April-2008

Projected Stage Percentiles From SFWMD-Hydraulics and Hydrology Position Analysis

U. S. Army Corps of Engineers, Jacksonville District
Lake Okeechobee and Vicinity Report
** Preliminary Data - Subject to Revision **

Data Ending 2400 hours 06 NOV 2022

Okeechobee Lake Regulation	Elevation (ft-NGVD)	Last Year (ft-NGVD)	2YRS Ago (ft-NGVD)
*Okeechobee Lake Elevation	15.89	16.02	16.09 (Official Elv)

Bottom of High Lake Mngmt= 17.25 Top of Water Short Mngmt= 12.72
Currently in Operational Management Band

Simulated Average LORS2008 [1965-2000] 13.96
Difference from Average LORS2008 1.93

06NOV (1965-2007) Period of Record Average 15.04
Difference from POR Average 0.85

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

++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ◆ 9.83'
++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ◆ 8.03'
Bridge Clearance = 49.50'

---

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

L001	L005	L006	LZ40	S4	S352	S308	S133
15.98	15.97	15.94	15.92	15.97	15.94	15.72	15.79

*Combination Okeechobee Avg-Daily Lake Average = 15.89 (*See Note)

Okeechobee Inflows (cfs):

S65E	2819	S65EX1	0	Fisheating Cr	124
S154	0	S191	61	S135 Pumps	0
S84	508	S133 Pumps	0	S2 Pumps	0
S84X	183	S127 Pumps	0	S3 Pumps	0
S71	0	S129 Pumps	0	S4 Pumps	0
S72	0	S131 Pumps	0	C5	0

Total Inflows: 3695

Okeechobee Outflows (cfs):

S135 Culverts	0	S354	75	S77	207
S127 Culverts	0	S351	170	S308	2
S129 Culverts	0	S352	34		
S131 Culverts	0	L8 Canal Pt	-1		

Total Outflows: 487

****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	0.23	S308	0.20

Average Pan Evap x 0.75 Pan Coefficient = 0.16" = 0.01'

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

Evaporation - Precipitation: = -NR-" = -NR-'
Evaporation - Precipitation using Lake Area of 730 square miles

is equal to -NR-
Lake Okeechobee (Change in Storage) Flow is -2168 cfs or -4300 AC-FT

	Headwater Elevation (ft-msl)	Tailwater Elevation (ft-msl)	Disch (cfs)	Gate Positions #1 (ft)	#2 (ft)	#3 (ft)	#4 (ft)	#5 (ft)	#6 (ft)	#7 (ft)	#8 (ft)
			(I) see note at bottom								
North East Shore											
S133 Pumps:	13.62	15.75	0	0	0	0	0	0	(cfs)		
S193:											
S191:	19.40	15.75	61	0.0	0.0	0.0					
S135 Pumps:	13.36	15.73	0	0	0	0	0	(cfs)			
S135 Culverts:			0	0.0	0.0						
North West Shore											
S65E:	20.92	15.60	2819	0.9	0.9	1.0	1.6	1.6	1.5		
S65EX1:	20.92	15.60	0								
S127 Pumps:	13.47	15.79	0	0	0	0	0	0	(cfs)		
S127 Culvert:			0	0.0							
S129 Pumps:	13.04	15.88	0	0	0	0	(cfs)				
S129 Culvert:			0	0.0							
S131 Pumps:	12.95	15.90	0	0	0	(cfs)					
S131 Culvert:			0								
Fisheating Creek											
nr Palmdale		31.00	124								
nr Lakeport											
C5:		-NR-	0	-NR-	-NR-	-NR-					
South Shore											
S4 Pumps:	11.72	-NR-	0	0	0	0	(cfs)				
S169:		-NR-	-NR-	-NR-	-NR-	-NR-					
S310:	15.93		63								
S3 Pumps:	10.51	16.05	0	0	0	0	(cfs)				
S354:	16.05	10.51	75	0.0	0.0						
S2 Pumps:	10.05	15.98	0	0	0	0	0	(cfs)			
S351:	15.98	10.05	170	0.0	0.0	0.0					
S352:	15.99	9.68	34	0.1	0.0						
C10A:	-NR-	-NR-		-NR-	-NR-	-NR-	-NR-	-NR-			
L8 Canal PT		13.54	-1								

S351 and S352 Temporary Pumps/S354 Spillway

S351:	10.05	15.98	170	-NR-	-NR-	-NR-	-NR-	-NR-	-NR-	-NR-	
S352:	9.68	15.99	34	-NR-	-NR-	-NR-	-NR-				
S354:	10.51	16.05	75	-NR-	-NR-	-NR-	-NR-				

Caloosahatchee River (S77, S78, S79)											
S47B:	15.03	11.49		0.5	1.0						
S47D:	11.44	11.20	61	1.0							
S77:											
Spillway and Sector Preferred Flow:											
	15.86	11.07	201	0.0	0.0	0.5	0.0				
Flow Due to Lockages+:			6								
S78:											

```
    Spillway and Sector Flow:
              11.10      2.87     667    1.0  0.0  0.0  0.5
    Flow Due to Lockages+:          14

  S79:
    Spillway and Sector Flow:
               3.13      2.21    1348    0.0  0.0  1.0  2.0  2.0  1.0  0.0  0.0
    Flow Due to Lockages+:           7
    Percent of flow from S77        15%
    Chloride            (ppm)      0


St. Lucie Canal (S308, S80)
  S308:
    Spillway and Sector Preferred Flow:
              15.79     14.00       0  0.0  0.0  0.0  0.0
    Flow Due to Lockages+:           2

  S153:        19.01     13.90       8    0.5  0.0
  S80:
    Spillway and Sector Flow:
              14.14      1.71       0    0.0  0.0  0.0  0.0  0.0  0.0  0.0
    Flow Due to Lockages+:          16
    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
```

Daily Precipitation Totals	1-Day (inches)	3-Day (inches)	7-Day (inches)	----- Wind ---- Direction (Deg)	Speed (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:	-NR-	0.00	0.00	42	7
S78:	-NR-	0.00	0.00	308	1
S79:	-NR-	0.00	0.00	1	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:	-NR-	0.00	0.00	76	2
S80:	-NR-	0.00	0.00	79	6
Okeechobee Average (Sites S78, S79 and S80 not included)	-NR-	0.00	0.00		
Oke Nexrad Basin Avg	-NR-	0.00	0.00		

```
Okeechobee Lake Elevations  06 NOV 2022          15.89 Difference from 06NOV22
   06NOV22  -1 Day  =       05 NOV 2022          15.90             0.01
```

06NOV22	-2 Days =	04 NOV 2022	15.91	0.02
06NOV22	-3 Days =	03 NOV 2022	15.90	0.01
06NOV22	-4 Days =	02 NOV 2022	15.89	0.00
06NOV22	-5 Days =	01 NOV 2022	15.87	-0.02
06NOV22	-6 Days =	31 OCT 2022	15.85	-0.04
06NOV22	-7 Days =	30 OCT 2022	15.83	-0.06
06NOV22	-30 Days =	07 OCT 2022	14.38	-1.51
06NOV22	-1 Year =	06 NOV 2021	16.02	0.13
06NOV22	-2 Year =	06 NOV 2020	16.09	0.20

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

Lake Okeechobee Net Inflow (LONIN)

		Average Flow over the previous 14 days			Avg-Daily Flow
06NOV22	Today =	06 NOV 2022	5288	MON	-1688
06NOV22	-1 Day =	05 NOV 2022	6094	SUN	-1511
06NOV22	-2 Days =	04 NOV 2022	6995	SAT	2680
06NOV22	-3 Days =	03 NOV 2022	7268	FRI	2190
06NOV22	-4 Days =	02 NOV 2022	7886	THU	4361
06NOV22	-5 Days =	01 NOV 2022	8194	WED	5255
06NOV22	-6 Days =	31 OCT 2022	9677	TUE	5592
06NOV22	-7 Days =	30 OCT 2022	10362	MON	4417
06NOV22	-8 Days =	29 OCT 2022	10975	SUN	6633
06NOV22	-9 Days =	28 OCT 2022	12050	SAT	8697
06NOV22	-10 Days =	27 OCT 2022	13096	FRI	6645
06NOV22	-11 Days =	26 OCT 2022	14321	THU	8672
06NOV22	-12 Days =	25 OCT 2022	15214	WED	10840
06NOV22	-13 Days =	24 OCT 2022	15499	TUE	11242

S65E

		Average Flow over previous 14 days			Avg-Daily Flow
06NOV22	Today=	06 NOV 2022	5837	MON	3025
06NOV22	-1 Day =	05 NOV 2022	6389	SUN	3038
06NOV22	-2 Days =	04 NOV 2022	6976	SAT	3643
06NOV22	-3 Days =	03 NOV 2022	7561	FRI	3789
06NOV22	-4 Days =	02 NOV 2022	8165	THU	4293
06NOV22	-5 Days =	01 NOV 2022	8747	WED	4580
06NOV22	-6 Days =	31 OCT 2022	9322	TUE	4844
06NOV22	-7 Days =	30 OCT 2022	9884	MON	5600
06NOV22	-8 Days =	29 OCT 2022	10406	SUN	6102
06NOV22	-9 Days =	28 OCT 2022	10920	SAT	7053
06NOV22	-10 Days =	27 OCT 2022	11352	FRI	7745
06NOV22	-11 Days =	26 OCT 2022	11722	THU	8615
06NOV22	-12 Days =	25 OCT 2022	12044	WED	9402
06NOV22	-13 Days =	24 OCT 2022	12304	TUE	9991

S65EX1

		Average Flow over previous 14 days			Avg-Daily Flow
06NOV22	Today=	06 NOV 2022	149	MON	0
06NOV22	-1 Day =	05 NOV 2022	168	SUN	0
06NOV22	-2 Days =	04 NOV 2022	186	SAT	0
06NOV22	-3 Days =	03 NOV 2022	206	FRI	0
06NOV22	-4 Days =	02 NOV 2022	225	THU	0
06NOV22	-5 Days =	01 NOV 2022	244	WED	31
06NOV22	-6 Days =	31 OCT 2022	260	TUE	211
06NOV22	-7 Days =	30 OCT 2022	263	MON	264
06NOV22	-8 Days =	29 OCT 2022	263	SUN	265
06NOV22	-9 Days =	28 OCT 2022	263	SAT	265
06NOV22	-10 Days =	27 OCT 2022	263	FRI	263
06NOV22	-11 Days =	26 OCT 2022	264	THU	263
06NOV22	-12 Days =	25 OCT 2022	264	WED	264
06NOV22	-13 Days =	24 OCT 2022	265	TUE	261

Lake Okeechobee Outlets Last 14 Days

DATE	S-77 Discharge (ALL DAY) (AC-FT)	Below S-77 Discharge (ALL-DAY) (AC-FT)	S-78 Discharge (ALL DAY) (AC-FT)	S-79 Discharge (ALL DAY) (AC-FT)
06 NOV 2022	409	1137	1328	2683
05 NOV 2022	724	1261	1147	1507
04 NOV 2022	397	914	452	1655
03 NOV 2022	15	-50	995	2494
02 NOV 2022	7	203	620	3272
01 NOV 2022	1646	1325	784	3998
31 OCT 2022	2303	1919	1274	1869
30 OCT 2022	14	-89	28	1193
29 OCT 2022	16	-149	34	1545
28 OCT 2022	15	-83	21	423
27 OCT 2022	13	92	21	473
26 OCT 2022	4	294	167	-NR-
25 OCT 2022	3	-73	358	1521
24 OCT 2022	3	-161	366	1885

DATE	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)
06 NOV 2022	125	337	67	149	-1
05 NOV 2022	123	125	45	430	-1
04 NOV 2022	-9	0	44	602	-0
03 NOV 2022	-7	0	43	0	1
02 NOV 2022	-2	0	42	0	13
01 NOV 2022	-0	73	44	0	2
31 OCT 2022	******	293	46	0	-3
30 OCT 2022	73	74	87	0	2
29 OCT 2022	4	0	256	0	-0
28 OCT 2022	-0	0	51	0	1
27 OCT 2022	89	0	281	0	-3
26 OCT 2022	88	0	0	0	0
25 OCT 2022	91	0	0	0	-6
24 OCT 2022	54	0	0	0	-3

DATE	S-308 Discharge (ALL DAY) (AC-FT)	Below S-308 Discharge (ALL-DAY) (AC-FT)	S-80 Discharge (ALL-DAY) (AC-FT)
06 NOV 2022	4	-NR-	32
05 NOV 2022	1	-NR-	38
04 NOV 2022	12	-NR-	37
03 NOV 2022	9	-NR-	39
02 NOV 2022	4	-NR-	485
01 NOV 2022	6	-NR-	729
31 OCT 2022	7	-NR-	25
30 OCT 2022	7	-NR-	25
29 OCT 2022	8	-NR-	49
28 OCT 2022	9	-NR-	43
27 OCT 2022	10	-NR-	61
26 OCT 2022	4	-NR-	46
25 OCT 2022	3	-NR-	27
24 OCT 2022	832	-NR-	26

*** NOTE: Discharge (ALL DAY) is computed using Spillway, Sector Gate and Lockages Discharges from 0015 hrs to 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 07NOV2022 @ 07:45  ** Preliminary Data - Subject to Revision **
               U. S. Army Corps of Engineers, Jacksonville District
                        Lake Okeechobee and Vicinity Report
                    ** Preliminary Data - Subject to Revision **

Data Ending 2400 hours   06 NOV 2022
```

```
Okeechobee Lake Regulation      Elevation   Last Year  2YRS Ago
                                (ft-NGVD)   (ft-NGVD)  (ft-NGVD)
  *Okeechobee Lake Elevation       15.89       16.02    16.09 (Official Elv)
  Bottom of High Lake Mngmt= 17.25  Top of Water Short Mngmt= 12.72
  Currently in Operational Management Band

  Simulated Average LORS2008 [1965-2000]    13.96
  Difference from Average LORS2008          1.93

  06NOV (1965-2007) Period of Record Average    15.04
  Difference from POR Average                   0.85

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

  ++Navigation Depth (Based on 2007 Channel Condition Survey) Route 1 ◆  9.83'
  ++Navigation Depth (Based on 2008 Channel Condition Survey) Route 2 ◆  8.03'
  Bridge Clearance = 49.50'
```

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

  L001   L005   L006   LZ40   S4     S352   S308   S133
  15.98  15.97  15.94  15.92  15.97  15.94   15.72 15.79


 *Combination Okeechobee  Avg-Daily Lake Average =  15.89
                                                  (*See Note)
```

```
Okeechobee Inflows (cfs):
  S65E           2819      S65EX1            0      Fisheating Cr   124
  S154              0      S191             61      S135 Pumps        0
  S84             508      S133 Pumps        0      S2 Pumps          0
  S84X            183      S127 Pumps        0      S3 Pumps          0
  S71               0      S129 Pumps        0      S4 Pumps          0
  S72               0      S131 Pumps        0      C5                0
Total Inflows:   3695

Okeechobee Outflows (cfs):
```

S135 Culverts	0	S354	75	S77	207
S127 Culverts	0	S351	170	S308	2
S129 Culverts	0	S352	34		
S131 Culverts	0	L8 Canal Pt	-1		
Total Outflows:	487				

****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 0.23 S308 0.20
Average Pan Evap x 0.75 Pan Coefficient = 0.16" = 0.01'

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

Evaporation - Precipitation: = -NR-" = -NR-'
Evaporation - Precipitation using Lake Area of 730 square miles
is equal to -NR-
Lake Okeechobee (Change in Storage) Flow is -2168 cfs or -4300 AC-FT

	Headwater Elevation (ft-msl)	Tailwater Elevation (ft-msl)	Disch (cfs)	Gate Positions #1 (ft)	#2 (ft)	#3 (ft)	#4 (ft)	#5 (ft)	#6 (ft)	#7 (ft)	#8 (ft)	
			(I) see note at bottom									
North East Shore												
S133 Pumps:	13.62	15.75	0	0	0	0	0	0				(cfs)
S193:												
S191:	19.40	15.75	61	0.0	0.0	0.0						
S135 Pumps:	13.36	15.73	0	0	0	0	0					(cfs)
S135 Culverts:			0	0.0	0.0							
North West Shore												
S65E:	20.92	15.60	2819	0.9	0.9	1.0	1.6	1.6	1.5			
S65EX1:	20.92	15.60	0									
S127 Pumps:	13.47	15.79	0	0	0	0	0	0				(cfs)
S127 Culvert:			0	0.0								
S129 Pumps:	13.04	15.88	0	0	0	0						(cfs)
S129 Culvert:			0	0.0								
S131 Pumps:	12.95	15.90	0	0	0							(cfs)
S131 Culvert:			0									
Fisheating Creek												
nr Palmdale		31.00	124									
nr Lakeport												
C5:		-NR-	0	-NR-	-NR-	-NR-						
South Shore												
S4 Pumps:	11.72	-NR-	0	0	0	0						(cfs)
S169:		-NR-	-NR-	-NR-	-NR-	-NR-						
S310:	15.93		63									
S3 Pumps:	10.51	16.05	0	0	0	0						(cfs)
S354:	16.05	10.51	75	0.0	0.0							
S2 Pumps:	10.05	15.98	0	0	0	0	0					(cfs)
S351:	15.98	10.05	170	0.0	0.0	0.0						
S352:	15.99	9.68	34	0.1	0.0							
C10A:	-NR-	-NR-		-NR-	-NR-	-NR-	-NR-	-NR-				
L8 Canal PT		13.54	-1									

S351 and S352 Temporary Pumps/S354 Spillway

S351:	10.05	15.98	170	-NR--NR--NR--NR--NR--NR-
S352:	9.68	15.99	34	-NR--NR--NR--NR-
S354:	10.51	16.05	75	-NR--NR--NR--NR-

Caloosahatchee River (S77, S78, S79)

S47B:	15.03	11.49		0.5 1.0
S47D:	11.44	11.20	61	1.0
S77:				
Spillway and Sector Preferred Flow:				
	15.86	11.07	201	0.0 0.0 0.5 0.0
Flow Due to Lockages+:			6	
S78:				
Spillway and Sector Flow:				
	11.10	2.87	667	1.0 0.0 0.0 0.5
Flow Due to Lockages+:			14	
S79:				
Spillway and Sector Flow:				
	3.13	2.21	1348	0.0 0.0 1.0 2.0 2.0 1.0 0.0 0.0
Flow Due to Lockages+:			7	
Percent of flow from S77			15%	
Chloride	(ppm)		0	

St. Lucie Canal (S308, S80)

S308:				
Spillway and Sector Preferred Flow:				
	15.79	14.00	0	0.0 0.0 0.0 0.0
Flow Due to Lockages+:			2	
S153:	19.01	13.90	8	0.5 0.0
S80:				
Spillway and Sector Flow:				
	14.14	1.71	0	0.0 0.0 0.0 0.0 0.0 0.0 0.0
Flow Due to Lockages+:			16	
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

Daily Precipitation Totals	1-Day (inches)	3-Day (inches)	7-Day (inches)	----- Wind ---- Direction (Deg°)	Speed (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:	-NR-	0.00	0.00	42	7
S78:	-NR-	0.00	0.00	308	1

S79:	-NR-	0.00	0.00	1	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:	-NR-	0.00	0.00	76	2
S80:	-NR-	0.00	0.00	79	6
Okeechobee Average (Sites S78, S79 and S80 not included)	-NR-	0.00	0.00		
Oke Nexrad Basin Avg	-NR-	0.00	0.00		

Okeechobee Lake Elevations	06 NOV 2022	15.89	Difference from 06NOV22
06NOV22 -1 Day =	05 NOV 2022	15.90	0.01
06NOV22 -2 Days =	04 NOV 2022	15.91	0.02
06NOV22 -3 Days =	03 NOV 2022	15.90	0.01
06NOV22 -4 Days =	02 NOV 2022	15.89	0.00
06NOV22 -5 Days =	01 NOV 2022	15.87	-0.02
06NOV22 -6 Days =	31 OCT 2022	15.85	-0.04
06NOV22 -7 Days =	30 OCT 2022	15.83	-0.06
06NOV22 -30 Days =	07 OCT 2022	14.38	-1.51
06NOV22 -1 Year =	06 NOV 2021	16.02	0.13
06NOV22 -2 Year =	06 NOV 2020	16.09	0.20

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

Lake Okeechobee Net Inflow (LONIN)

	Average Flow over the previous 14 days			Avg-Daily Flow
06NOV22 Today =	06 NOV 2022	5288	MON	-1688
06NOV22 -1 Day =	05 NOV 2022	6094	SUN	-1511
06NOV22 -2 Days =	04 NOV 2022	6995	SAT	2680
06NOV22 -3 Days =	03 NOV 2022	7268	FRI	2190
06NOV22 -4 Days =	02 NOV 2022	7886	THU	4361
06NOV22 -5 Days =	01 NOV 2022	8194	WED	5255
06NOV22 -6 Days =	31 OCT 2022	9677	TUE	5592
06NOV22 -7 Days =	30 OCT 2022	10362	MON	4417
06NOV22 -8 Days =	29 OCT 2022	10975	SUN	6633
06NOV22 -9 Days =	28 OCT 2022	12050	SAT	8697
06NOV22 -10 Days =	27 OCT 2022	13096	FRI	6645
06NOV22 -11 Days =	26 OCT 2022	14321	THU	8672
06NOV22 -12 Days =	25 OCT 2022	15214	WED	10840
06NOV22 -13 Days =	24 OCT 2022	15499	TUE	11242

S65E

	Average Flow over previous 14 days			Avg-Daily Flow
06NOV22 Today=	06 NOV 2022	5837	MON	3025
06NOV22 -1 Day =	05 NOV 2022	6389	SUN	3038
06NOV22 -2 Days =	04 NOV 2022	6976	SAT	3643
06NOV22 -3 Days =	03 NOV 2022	7561	FRI	3789
06NOV22 -4 Days =	02 NOV 2022	8165	THU	4293
06NOV22 -5 Days =	01 NOV 2022	8747	WED	4580
06NOV22 -6 Days =	31 OCT 2022	9322	TUE	4844
06NOV22 -7 Days =	30 OCT 2022	9884	MON	5600
06NOV22 -8 Days =	29 OCT 2022	10406	SUN	6102
06NOV22 -9 Days =	28 OCT 2022	10920	SAT	7053
06NOV22 -10 Days =	27 OCT 2022	11352	FRI	7745
06NOV22 -11 Days =	26 OCT 2022	11722	THU	8615
06NOV22 -12 Days =	25 OCT 2022	12044	WED	9402
06NOV22 -13 Days =	24 OCT 2022	12304	TUE	9991

S65EX1

		Average Flow over previous 14 days			Avg-Daily Flow
06NOV22	Today=	06 NOV 2022	149	MON	0
06NOV22	-1 Day =	05 NOV 2022	168	SUN	0
06NOV22	-2 Days =	04 NOV 2022	186	SAT	0
06NOV22	-3 Days =	03 NOV 2022	206	FRI	0
06NOV22	-4 Days =	02 NOV 2022	225	THU	0
06NOV22	-5 Days =	01 NOV 2022	244	WED	31
06NOV22	-6 Days =	31 OCT 2022	260	TUE	211
06NOV22	-7 Days =	30 OCT 2022	263	MON	264
06NOV22	-8 Days =	29 OCT 2022	263	SUN	265
06NOV22	-9 Days =	28 OCT 2022	263	SAT	265
06NOV22	-10 Days =	27 OCT 2022	263	FRI	263
06NOV22	-11 Days =	26 OCT 2022	264	THU	263
06NOV22	-12 Days =	25 OCT 2022	264	WED	264
06NOV22	-13 Days =	24 OCT 2022	265	TUE	261

Lake Okeechobee Outlets Last 14 Days

DATE	S-77 Discharge (ALL DAY) (AC-FT)	Below S-77 Discharge (ALL-DAY) (AC-FT)	S-78 Discharge (ALL DAY) (AC-FT)	S-79 Discharge (ALL DAY) (AC-FT)
06 NOV 2022	409	1137	1328	2683
05 NOV 2022	724	1261	1147	1507
04 NOV 2022	397	914	452	1655
03 NOV 2022	15	-50	995	2494
02 NOV 2022	7	203	620	3272
01 NOV 2022	1646	1325	784	3998
31 OCT 2022	2303	1919	1274	1869
30 OCT 2022	14	-89	28	1193
29 OCT 2022	16	-149	34	1545
28 OCT 2022	15	-83	21	423
27 OCT 2022	13	92	21	473
26 OCT 2022	4	294	167	-NR-
25 OCT 2022	3	-73	358	1521
24 OCT 2022	3	-161	366	1885

DATE	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)
06 NOV 2022	125	337	67	149	-1
05 NOV 2022	123	125	45	430	-1
04 NOV 2022	-9	0	44	602	-0
03 NOV 2022	-7	0	43	0	1
02 NOV 2022	-2	0	42	0	13
01 NOV 2022	-0	73	44	0	2
31 OCT 2022	******	293	46	0	-3
30 OCT 2022	73	74	87	0	2
29 OCT 2022	4	0	256	0	-0
28 OCT 2022	-0	0	51	0	1
27 OCT 2022	89	0	281	0	-3
26 OCT 2022	88	0	0	0	0
25 OCT 2022	91	0	0	0	-6
24 OCT 2022	54	0	0	0	-3

DATE	S-308 Discharge (ALL DAY) (AC-FT)	Below S-308 Discharge (ALL-DAY) (AC-FT)	S-80 Discharge (ALL-DAY) (AC-FT)
06 NOV 2022	4	-NR-	32
05 NOV 2022	1	-NR-	38
04 NOV 2022	12	-NR-	37
03 NOV 2022	9	-NR-	39

02 NOV 2022	4	-NR-	485
01 NOV 2022	6	-NR-	729
31 OCT 2022	7	-NR-	25
30 OCT 2022	7	-NR-	25
29 OCT 2022	8	-NR-	49
28 OCT 2022	9	-NR-	43
27 OCT 2022	10	-NR-	61
26 OCT 2022	4	-NR-	46
25 OCT 2022	3	-NR-	27
24 OCT 2022	832	-NR-	26

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

(I) - Flows preceeded 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 please refer to www.sfwmd.gov

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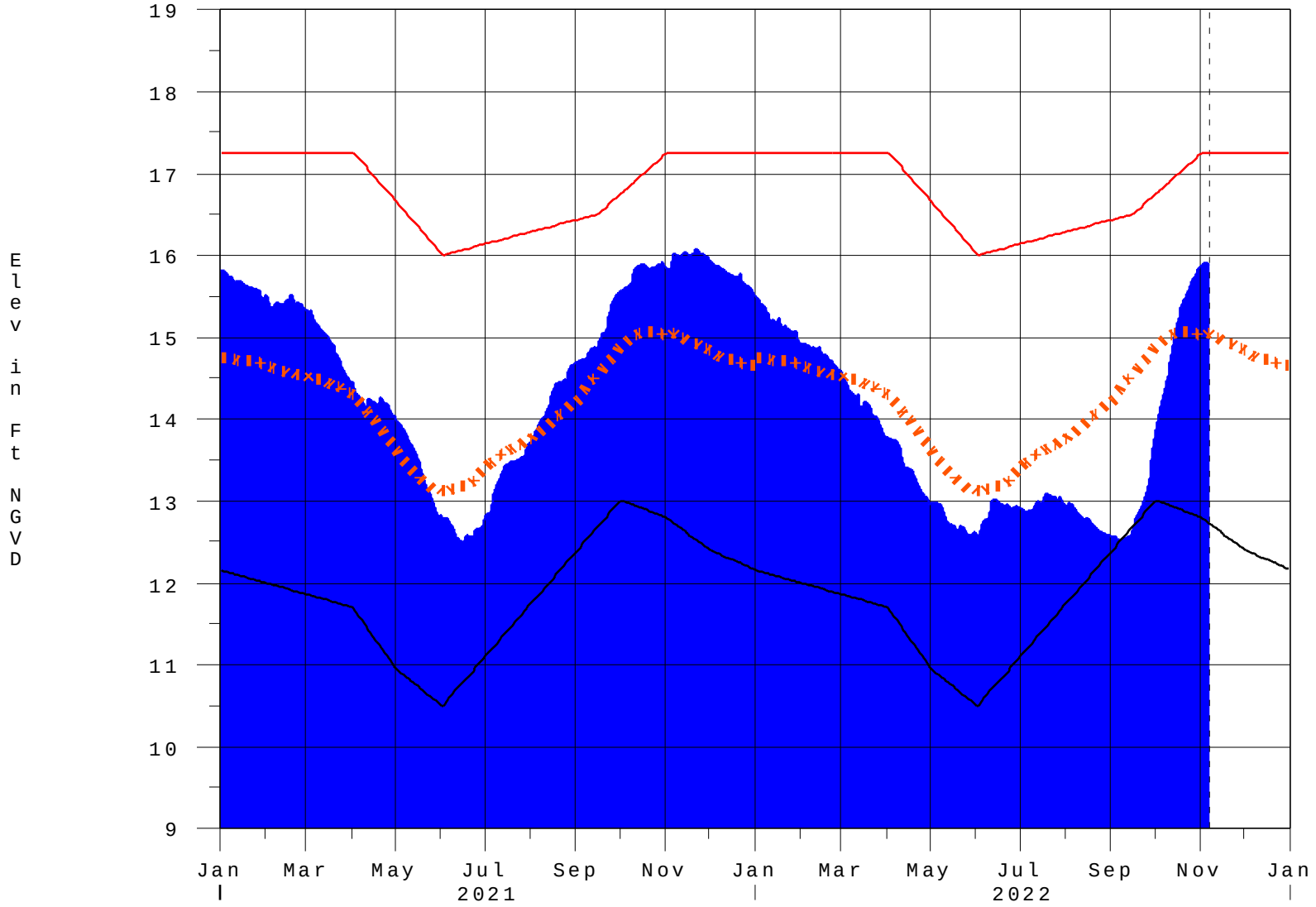
Report Generated 07NOV2022 @ 07:45 ** Preliminary Data - Subject to Revision **

Lake Okeechobee

07NOV22 08:00:48



High Lake Management
Okeechobee Avg Elev
Average Elev [1965-2007]
Water Shortage Management

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 Classification*	Palmer Index Class Limits	2-wk Mean L.O. Net Inflow Class Limits
Very Wet	3.0 or greater	Greater >= 6000 cfs
Wet	1.5 to 2.99	2500 - 5999 cfs
Near Normal	-1.49 to 1.49	500 - 2499 cfs
Dry	-2.99 to -1.5	-5000 – 500 cfs
Very Dry	-3.0 or less	Less than -5000 cfs

* use the wettest of the two indicators

Classification of Lake Okeechobee Net Inflow Seasonal Outlook*

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