Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 5/9/2016 (ENSO Neutral Condition)

Lake Okeechobee Net Inflow Outlook:

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method¹, the SFWMD empirical method², a sub-sampling of Neutral years³ and a sub-sampling of warm years of the Atlantic Multi-decadal Oscillation (AMO) in combination with Neutral ENSO years⁴. The results for Croley's method and the SFWMD empirical method are based on the CPC Outlook.

Table of the Lake Okeechobee Net Inflow Outlooks in feet of equivalent depth. All methods are updated on a weekly basis with observed net inflow for the current month.

| Season | Croley's Method ^{1*} Season | | SFWMD Empirical Method ² | | Sub-sampling of Neutral ENSO Years ³ | | Sub-sampling of AMO Warm + Neutral ENSO Years ⁴ | |
|------------------------------------|--|-----------|---|-----------|---|-----------|---|-----------|
| | Value (ft) | Condition | Value (ft) | Condition | Value (ft) | Condition | Value (ft) | Condition |
| Current (May- Oct) | N/A | N/A | 2.23 | Very Wet | 2.87 | Very Wet | 2.66 | Very Wet |
| Multi Seasonal (May- Apr) | N/A | N/A | 2.48 | Normal | 3.31 | Wet | 4.30 | 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.

Tributary Hydrologic Conditions Graph:

- **-2622 cfs** 14-day running average for Lake Okeechobee Net Inflow through 5/8/2016. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Dry.
- **-1.05** for Palmer Index on 5/7/2016. According to the classification in <u>Tributary Hydrologic Conditions</u> table, this condition is Normal.

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

LORS2008 Classification Tables:

Lake Okeechobee Stage on 5/9/2016

Lake Okeechobee Stage: 13.94 feet

USACE Report for Lake Okeechobee

Lake Okeechobee Stage Hydrograph

| Lake Okeechob | ee Management | Bottom Elevation | Current |
|---------------------|-----------------------|------------------|------------|
| Zone | /Band | (feet, NGVD) | Lake Stage |
| | 1 D 1 | 40.47 | |
| High Lake Manage | ement Band | 16.47 | |
| | High sub-band | 15.88 | |
| Operational Band | Intermediate sub-band | 15.19 | |
| | Low sub-band | 13.25 | ← 13.94 |
| Base Flow sub-ba | nd | 12.60 | |
| Beneficial Use sub | o-band | 10.83 | |
| Water Shortage M | lanagement Band | | |

Part C of LORS2008: Discharge to WCA's

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

Part D of LORS2008: Discharge to Tidewater

Release Guidance Flow Chart Outcome: S-79 up to 3000 cfs and S-80 up to 1170 cfs

Technical Input Summaries from:

- Lake Okeechobee Division
- Coastal Ecosystems
- Everglades Ecosystems Division
- Water Supply Department
- Water Resource Management Release Recommendation
- Kissimmee Watershed Environmental Conditions
- Operations Department

Back to Lake Okeechobee Operations Main Page

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

LORS2008 Implementation on 5/9/2016 (ENSO Neutral Condition):

Water Supply Department Technical Input

Water Supply Outlook:

District wide, Raindar rainfall 0.00 inches for the week ending 5/9/2016. Lake stage on 5/9/2016 is 13.94 ft, down 0.21 ft from last week.

The updated May 2016 SFWMM Dynamic Position Analysis <u>percentile graph</u> and <u>tracking chart</u> for Lake Okeechobee show that the lake stage is in the Low Operational Sub-Band.

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

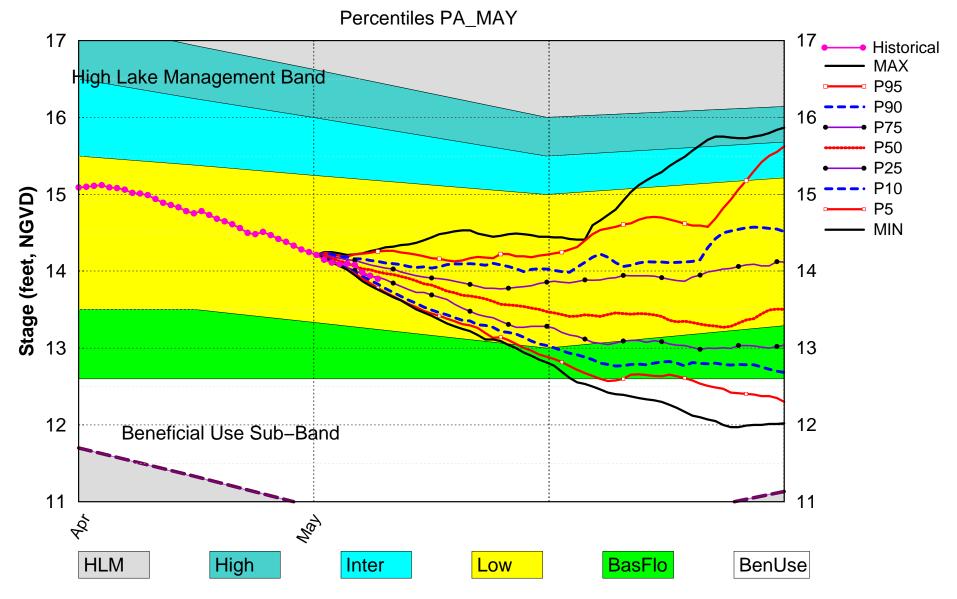
Water Supply Risk Evaluation

| | Supply Misk Evaluation | 1 | • |
|------|---|--------------------------------------|-------------------------------|
| Area | Indicator | Value | Color Coded Scoring Scheme |
| | Projected LOK Stage for the next two months | Low Sub-Band | L |
| | Palmer Index for LOK Tributary Conditions | -1.05 (Dry) | M |
| | CPC Precipitation Outlook | 1 month: Normal | L |
| LOK | CPC Precipitation Outlook | 3 months: Above Normal | L |
| | LOK Seasonal Net Inflow Forecast El Nino | 2.87 ft (Normal to Extremely Wet) | L |
| | LOK Multi-Seasonal Net Inflow Forecast | 3.31 ft (Wet) | L |
| | El Nino | | |
| | WCA 1: Site 1-7, Site 1-8T, & Site 1-9 Average | Above Line 1 (15.87 ft) | L |
| WCAs | WCA 2A: Site 2-17 HW | Above Line1 (11.60 ft) | L |
| | WCA-3A: 3 Station Average (Site 63, 64 and 65) | Above Line 1 (9.67 ft) | L |
| | Service Area 1 | Year-Round Irrigation Rule in effect | L |
| LEC | Service Area 2 | Year-Round Irrigation Rule in effect | L |
| | Service Area 3 | 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 forecasts use slightly different classification intervals than those used by the 2008-LORS.

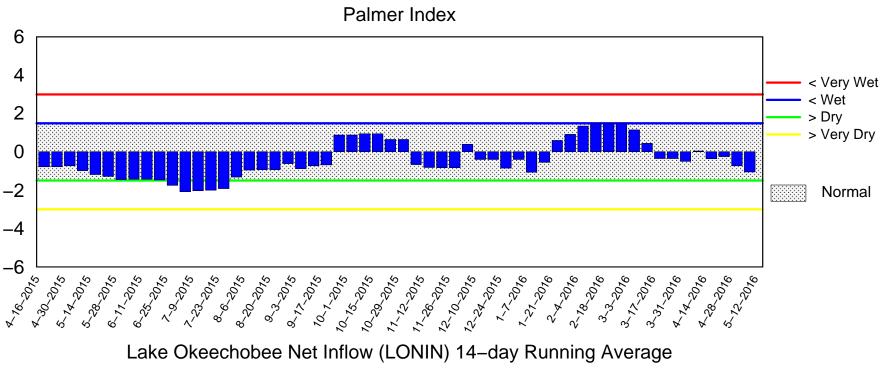
<u>Back to Lake Okeechobee Operations Main Page</u>
Back to U.S. Army Corps of Engineers LORSS Homepage

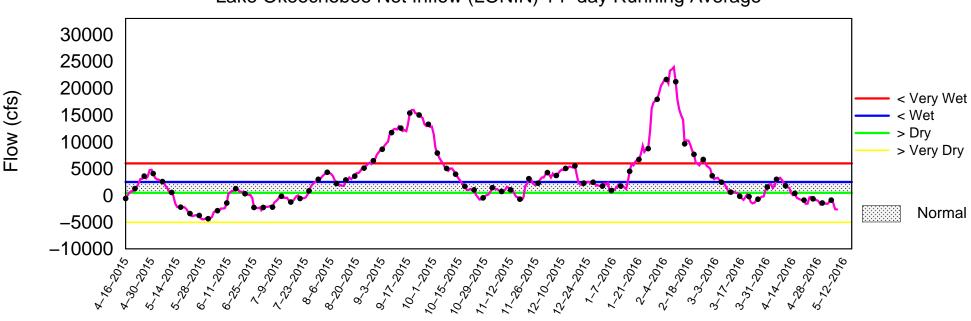
Lake Okeechobee SFWMM May 2016 Dynamic Position Analysis



(See assumptions on the Position Analysis Results website)

Tributary Basin Condition Indicators as of May 10 2016

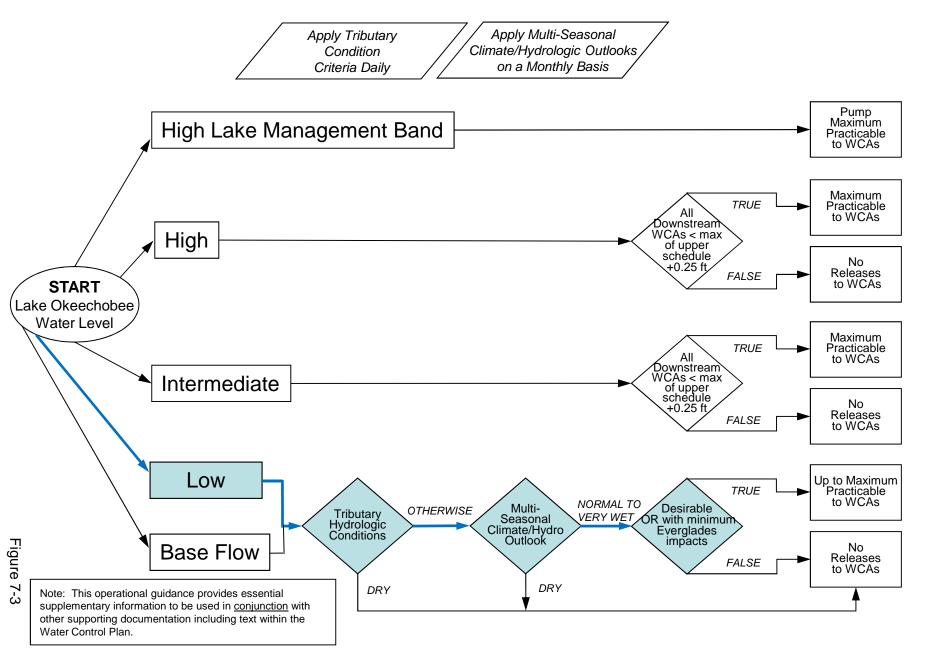




Tue May 10 09:50:42 EDT 2016

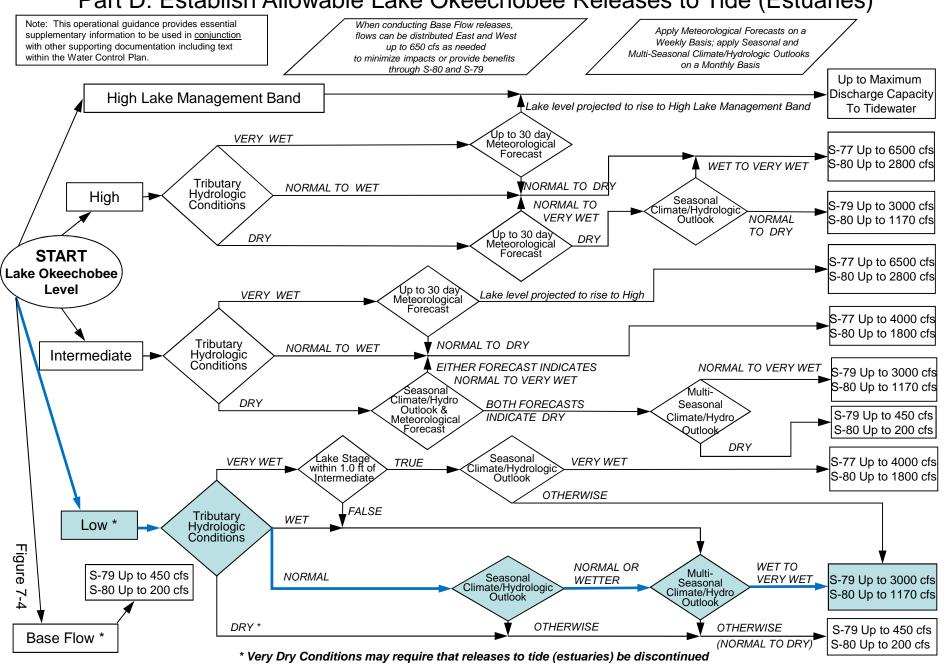
2008 LORS

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



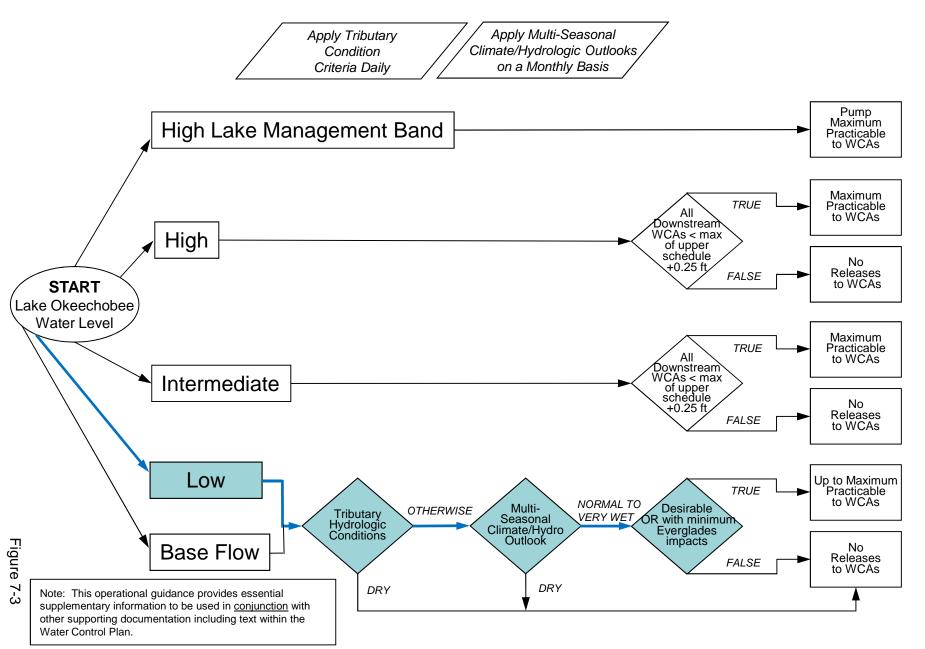
2008 LORS

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



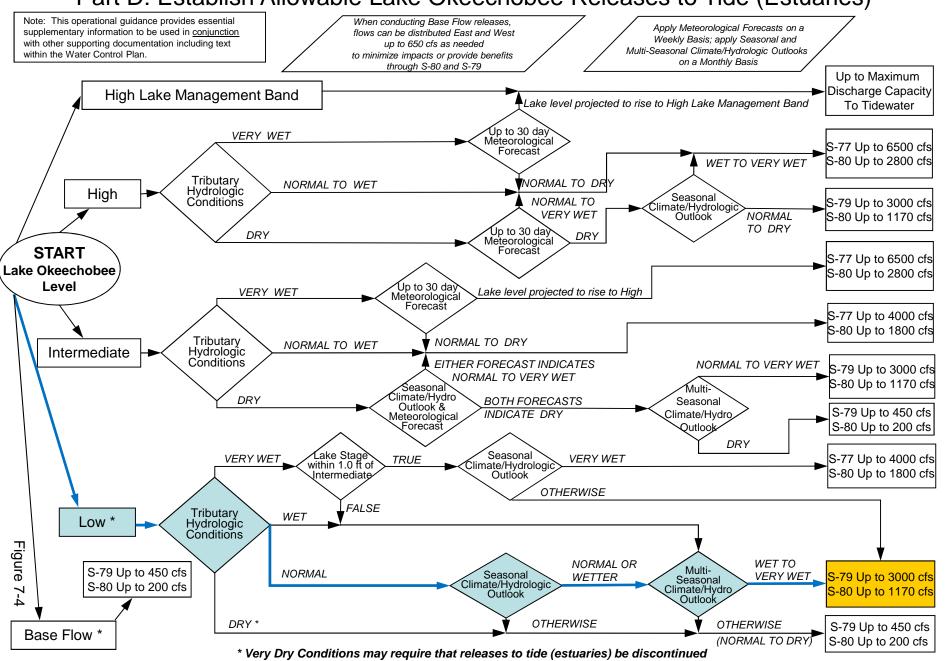
2008 LORS FORECAST

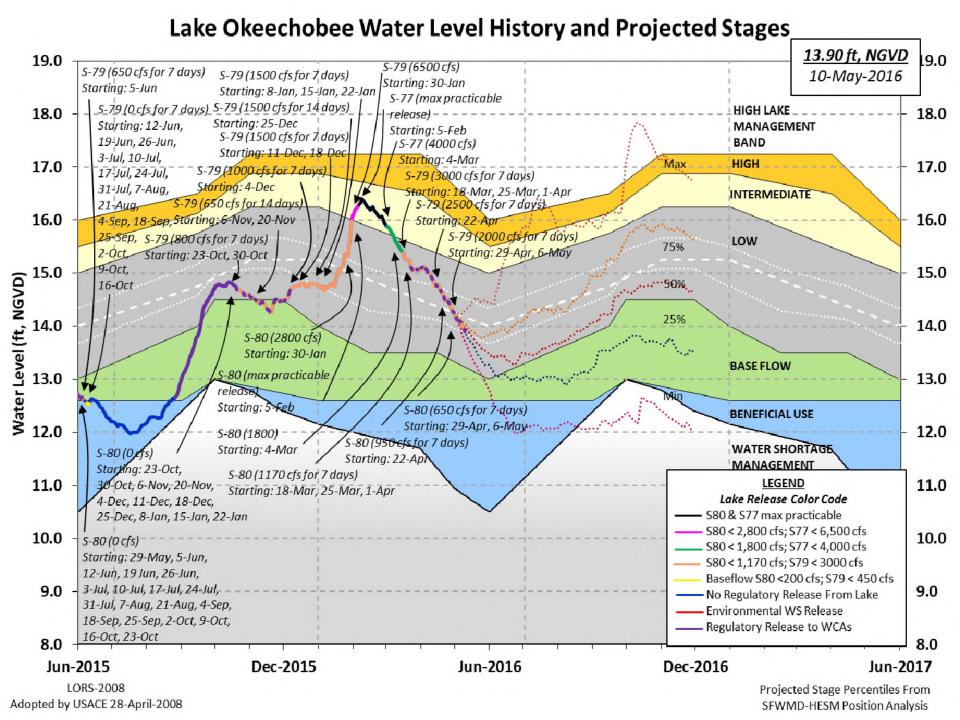
Part C: Establish Allowable Lake Okeechobee Releases to the Water Conservation Areas



2008 LORS FORECAST

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





Data Ending 2400 hours 08 MAY 2016

| Okeechobee Lake | Regulation | | | ar 2YRS Ago)) (ft-NGVD) | |
|--|--------------------------|--------------|---------------|-------------------------------|----------------------------------|
| *Okeechobee La Bottom of High Currently in O | Lake Mngmt= | 16.49 Top | of Water Sho | 3 13.01 (Of ort Mngmt= 10. | |
| Simulated Aver Difference fro | | | 12.19 1.75 | | |
| 08MAY (1965-20 Difference fro | | | erage 13.4 | | |
| Today Lake Oke stations | echobee eleva | ation is det | ermined from | the 4 Int & | 4 Edge |
| ++Navigation D | epth (Based (| on 2007 Chan | nel Conditio | on Survey) Rou | te 1 ÷ |
| 7.88' ++Navigation D 6.08' Bridge Clearan | | on 2008 Chan | nel Conditio | on Survey) Rou | te 2 ÷ |
| | | | | | |
| _ | | | | | |
| 4 Interior and 4 | Edge Okeecho | obee Lake Av | rerage (Avg-I | oaily values): | |
| L001 L005 13.81 13.99 | L006 LZ40 14.01 13.91 | | | 3133 .3.89 | |
| | | | | | |
| *Combination Ok | eechobee Avg | g-Daily Lake | _ | 13.94 *See Note) | |
| | | | | | |
| Okeechobee Inflo | wa (cfa): | | | | |
| S65E | | 5 | -100 | Fisheating Cr | -NR- |
| S154 | 0 Si | 191 | 0 | S135 Pumps | 0 |
| S84 | | 133 Pumps | 0 | S2 Pumps | 0 |
| S84X | | 127 Pumps | 0 | S3 Pumps | 0 |
| S71 | | 129 Pumps | 0 | S4 Pumps | 0 |
| S72 Total Inflows: | 71 Si 1765 | 131 Pumps | 0 | | |
| Okaaahahaa Outfl | owa (afa): | | | | |
| Okeechobee Outfl S135 Culverts | | 354 | 552 | S77 | |
| DIDD CUIVEILD | υ D. | <i>,</i> , , | | ∪ | (Not Head) |
| S127 Culverts | 0 S3 | 351 | | S77Below | (Not Used) 1495 |
| S127 Culverts (USED) S129 Culverts | | 351 352 | 810 421 | S77Below S308 | (Not Used) 1495 (Not Used) |

S131 Culverts -NR- L8 Canal Pt 243 S308Below 888 (USED)

Total Outflows: 4409

****\$77 Structure outflow is being used to compute Total Outflow.
****\$308 Structure outflow is being used to compute Total Outflow.

Okeechobee Pan Evaporation (inches):

S77 0.20 S308 0.26

Average Pan Evap x 0.75 Pan Coefficient = 0.17" = 0.01'

Lake Average Precipitation using NEXRAD: = 0.00" = 0.00'

Evaporation - Precipitation: = 0.17" = 0.01'

Evaporation - Precipitation using Lake Area of 730 square miles

is equal to 3386 cfs out of the lake.

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

-

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

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: 13.39 0 0 0 0 0 (cfs) 13.91 S193: 0 0.0 0.0 0.0 18.16 S191: 13.90 S135 Pumps: _____ -NR-0 0 0 0 (cfs) 0 -NR- -NR-S135 Culverts: North West Shore S65E: 21.13 13.87 1754 0.9 0.9 0.4 0.4 0.4 0.4 S127 Pumps: 13.10 13.95 0 0 0 0 0 0 (cfs 0 0 0 (cfs) S127 Culvert: 0 0.0 0 0 0 0 S129 Pumps: 13.10 13.92 (cfs) S129 Culvert: -NR- -NR-0 S131 Pumps: 13.19 0 0 14.13 (cfs) S131 Culvert: -NR-Fisheating Creek nr Palmdale -NRnr Lakeport C5: 14.10 13.97 -100 5.3 5.3 5.3

```
South Shore

      S4 Pumps:
      10.87
      13.93
      0
      0
      0
      0

      S169:
      13.95
      10.86
      0
      0.0
      0.0
      0.0

                                                                 (cfs)
 S310: 13.87 59
S3 Pumps: 11.09 13.91 0 0 0
S354: 13.91 11.09 552 1.6 1.6
S2 Pumps: 11.03 13.82 0 0 0
S351: 13.82 11.03 810 1.6 1.8
                                          0 0 0
                                                                   (cfs)
                                         0 0 0 0
                                 0 0 0 0
810 1.6 1.8 1.6
                                                                 (cfs)
             14.03 11.11
-NR- 13.95
                                 421 0.7 0.9
 S352:
 C10A:
                                        0.0 0.0 4.0 0.0 0.0
 L8 Canal PT
                        13.74 243
                  S351 and S352 Temporary Pumps/S354 Spillway
                                 810 -NR--NR--NR--NR--NR-
421 -NR--NR--NR-
  S351:
              11.03
                       13.82
                       14.03
  S352:
              11.11
                       13.91
  S354:
              11.09
                                 552 -NR--NR--NR-
Caloosahatchee River (S77, S78, S79)
  S47B: 14.75 12.70
                                        0.5 0.5
  S47D:
                       10.86 62 1.0
              12.47
  S77:
   Spillway and Sector Flow:
              13.72 10.99 1495 2.5 3.0 3.0 0.0
   Flow Due to Lockages+:
  S77 Below USGS Flow Gage 1495
  S78:
   Spillway and Sector Flow:
              11.03 2.92 1758 0.0 0.0 2.5 2.5
   Flow Due to Lockages+:
                                 15
  S79:
   Spillway and Sector Flow:
      3.00 1.05 2460 1.0 1.0 2.0 2.0 1.0 1.0
1.0
   Flow Due to Lockages+:
                                   8
   Percent of flow from S77 71% Chloride (ppm) 61
St. Lucie Canal (S308, S80)
  S308:
    Spillway and Sector Flow:
              13.82 13.75
                                   888 4.5 4.5 4.5 4.5
   Flow Due to Lockages+:
                                   0
                                 888
  S308 Below USGS Flow Gage
 S153: 18.79 13.59
                                 0 0.0 0.0
  S80:
   Spillway and Sector Flow:
              13.71 1.74 868 0.0 0.4 0.5 0.0 0.5 0.4 0.0
   Flow Due to Lockages+: 31
Percent of flow from S308 90%
```

```
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.

| | | | | Wi | nd |
|---------------------------|----------|----------|----------|----------|------|
| aily Precipitation Totals | 1-Day | 3-Day | 7-Day | Directio | n |
| • | (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 | 0.00 | 2.70 | 158 | 3 |
| S78: | 0.00 | 0.00 | 1.59 | 114 | 3 |
| S79: | 0.00 | 0.00 | 2.19 | 168 | 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: | ***** | ***** | ***** | 93 | 2 |
| S80: | 0.00 | 0.00 | 1.18 | 78 | 0 |
| Okeechobee Average | ***** | 5093.92 | ***** | | |
| (Sites S78, S79 and | | | | | |
| Oke Nexrad Basin Avg | 0.00 | 0.00 | 0.79 | | |

| reechobee Lake Elevations | 08 MAY 2016 | 13.94 Diffe | rence from |
|---------------------------|-------------|-------------|------------|
| 8MAY16 | | | |
| 08MAY16 - 1 Day = | 07 MAY 2016 | 13.98 | 0.04 |
| 08MAY16 -2 Days = | 06 MAY 2016 | 14.03 | 0.09 |
| 08MAY16 -3 Days = | 05 MAY 2016 | 14.08 | 0.14 |
| 08MAY16 - 4 Days = | 04 MAY 2016 | 14.10 | 0.16 |
| 08MAY16 -5 Days = | 03 MAY 2016 | 14.09 | 0.15 |
| 08MAY16 -6 Days = | 02 MAY 2016 | 14.11 | 0.17 |
| 08MAY16 -7 Days = | 01 MAY 2016 | 14.15 | 0.21 |
| 08MAY16 -30 Days = | 08 APR 2016 | 14.99 | 1.05 |
| 08MAY16 -1 Year = | 08 MAY 2015 | 13.68 | -0.26 |
| 08MAY16 - 2 Year = | 08 MAY 2014 | 13.01 | -0.93 |

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| _ | | | | | Lake (| Okeed | chobee | Net Inflo | ow (LONIN) | |
|----|-------|-----|-------|--------|--------|-------|--------|-----------|------------|----------------|
| | | | i | Averag | e Flov | v ove | er the | previous | 14 days | Avg-Daily Flow |
| 08 | MAY16 | 7 | Today | = | 08 | MAY | 2016 | -2377 | MON | -4061 |
| 08 | MAY16 | -1 | Day | = | 07 | MAY | 2016 | -2321 | SUN | -5806 |
| 08 | MAY16 | -2 | Days | = | 06 | MAY | 2016 | -642 | SAT | -5819 |
| 08 | MAY16 | -3 | Days | = | 05 | MAY | 2016 | 61 | FRI | -587 |
| 08 | MAY16 | -4 | Days | = | 04 | MAY | 2016 | -314 | THU | 3644 |
| 08 | MAY16 | -5 | Days | = | 03 | MAY | 2016 | -869 | WED | -539 |
| 08 | MAY16 | -6 | Days | = | 02 | MAY | 2016 | -880 | TUE | -NR- |
| 08 | MAY16 | -7 | Days | = | 01 | MAY | 2016 | -873 | MON | -NR- |
| 08 | MAY16 | -8 | Days | = | 30 | APR | 2016 | -1277 | SUN | -NR- |
| 08 | MAY16 | -9 | Days | = | 29 | APR | 2016 | -1651 | SAT | -NR- |
| 08 | MAY16 | -10 | Days | = | 28 | APR | 2016 | -886 | FRI | -681 |
| 08 | MAY16 | -11 | Days | = | 27 | APR | 2016 | -865 | THU | -3353 |
| 08 | MAY16 | -12 | Days | = | 26 | APR | 2016 | -674 | WED | -1845 |
| 08 | MAY16 | -13 | Days | = | 25 | APR | 2016 | -576 | TUE | -4722 |
| | | | | | | | | | | |

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| _ | | |
|---|--|--|
| | | |
| | | |
| | | |

| - | | | | | se | 55E | | | |
|---------|-----|-------|------------|---------|------|--------|----------|---------|----------------|
| | | | | Average | Flow | v over | previous | 14 days | Avg-Daily Flow |
| 08MAY16 | | Today | <i>r</i> = | 08 | MAY | 2016 | 1537 | MON | 1754 |
| 08MAY16 | -1 | Day | = | 07 | MAY | 2016 | 1557 | SUN | 1512 |
| 08MAY16 | -2 | Days | = | 06 | MAY | 2016 | 1615 | SAT | 1566 |
| 08MAY16 | -3 | Days | = | 05 | MAY | 2016 | 1653 | FRI | 1556 |
| 08MAY16 | -4 | Days | = | 04 | MAY | 2016 | 1708 | THU | 1446 |
| 08MAY16 | -5 | Days | = | 03 | MAY | 2016 | 1767 | WED | 895 |
| 08MAY16 | -6 | Days | = | 02 | MAY | 2016 | 1855 | TUE | 1277 |
| 08MAY16 | -7 | Days | = | 01 | MAY | 2016 | 1919 | MON | 1047 |
| 08MAY16 | -8 | Days | = | 30 | APR | 2016 | 2017 | SUN | 1399 |
| 08MAY16 | -9 | Days | = | 29 | APR | 2016 | 2095 | SAT | 1433 |
| 08MAY16 | -10 | Days | = | 28 | APR | 2016 | 2190 | FRI | 1758 |
| 08MAY16 | -11 | Days | = | 27 | APR | 2016 | 2268 | THU | 1762 |
| 08MAY16 | -12 | Days | = | 26 | APR | 2016 | 2371 | WED | 2019 |
| 08MAY16 | -13 | Days | = | 25 | APR | 2016 | 2467 | TUE | 2090 |
| | | | | | | | | | - |

| | | S-77 | S-77 | Below S-77 | S-78 | S-78 | S-79 |
|----|--------|-------------|-----------|------------|-------------|-----------|-----------|
| | | Discharge | Discharge | Discharge | Discharge | Discharge | Discharge |
| | | (0700-2100) | (ALL DAY) | (ALL-DAY) | (0700-2100) | (ALL DAY) | (ALL DAY) |
| | DATE | (AC-FT) | (AC-FT) | (AC-FT) | (AC-FT) | (AC-FT) | (AC-FT) |
| 80 | MAY 20 | 16 | | 2965 | -NR- | 3517 | 4895 |
| 07 | MAY 20 | 16 | | 2994 | -NR- | 3526 | 4877 |
| 06 | MAY 20 | 16 | | 3253 | -NR- | 3355 | 4543 |
| 05 | MAY 20 | 16 | | 1297 | -NR- | 3426 | 5065 |
| 04 | MAY 20 | 16 | | 1234 | -NR- | 3245 | 3974 |
| 03 | MAY 20 | 16 | | 2908 | -NR- | 2323 | 3932 |
| 02 | MAY 20 | 16 | | 4879 | -NR- | 2280 | 4299 |
| 01 | MAY 20 | 16 | | 5507 | -NR- | 4390 | 5598 |
| 30 | APR 20 | 16 | | 4011 | -NR- | 3707 | 4680 |
| 29 | APR 20 | 16 | | 4545 | -NR- | 3491 | 5212 |

| 27 26 | APR APR | 2016 2016 2016 2016 | | | 6457 6000 5312 5310 | -NR- -NR- -NR- -NR- | 5502 5003 4678 4474 | 6472 5992 5854 5143 |
|----------|------------|------------------------------|--------------------|--------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| | | 1 | S-310 Discharge | S-351 Discharge | S-352 Discharge | S-354 Discharge | L8 Canal Pt Discharge | |
| | | | (ALL DAY) | (ALL DAY) | (ALL DAY) | (ALL DAY) | (ALL DAY) | |
| | DATE | | (AC-FT) | (AC-FT) | (AC-FT) | (AC-FT) | (AC-FT) | |
| | | 2016 | 117 | 1606 | 835 | 1095 | 482 | |
| | | 2016 | 157 | 1678 | 1239 | 1362 | 515 | |
| | | 2016 | 91 | 1509 | 1358 | 1592 | 553 | |
| | | 2016 | 62 | 1820 | 968 | 1991 | 565 | |
| | | 2016 | 34 | 71 | 270 | 430 | 520 | |
| | | 2016 | 91 | 988 | 1093 | 1079 | 527 | |
| | | 2016 | 109 | 2445 | 1656 | -NR- | 466 | |
| | | 2016 | 194 | 2566 | 1646 | -NR- | 488 | |
| | | 2016 | 209 | 2784 | 1674 | -NR- | 503 | |
| | | 2016 | 230 | 2971 | 1721 | -NR- | 520 | |
| | | 2016 | 272 | 3024 | 1723 | 1703 | 544 | |
| | | 2016 | 200 | 3060 | 1705 | 1307 | 323 | |
| | | 2016 | 94 | 3008 | 1763 | 1461 | 245 | |
| 25 | APR | 2016 | 32 | 2479 | 1600 | 821 | 354 | |
| | | | S-308 | Below S-308 | 3 S-80 | | | |
| | | , | Discharge | Discharge | Discharge | ` | | |
| | | | (ALL DAY) | (ALL-DAY) | (ALL-DAY) | | | |
| | DATE | | (AC-FT) | (AC-FT) | (AC-FT) | | | |
| ΛR | | 2016 | (AC II) | 1761 | 1005 | | | |
| | | 2016 | | 1694 | 1055 | | | |
| | | 2016 | | 1190 | 674 | | | |
| | | 2016 | | 593 | 439 | | | |
| | | 2016 | | 502 | 519 | | | |
| | | 2016 | | 836 | 674 | | | |
| | | 2016 | | 1351 | 873 | | | |
| | | 2016 | | 1455 | 902 | | | |
| | | 2016 | | 1666 | 943 | | | |
| | | 2016 | | 1296 | -NR- | | | |
| | | 2016 | | 1995 | 1337 | | | |
| | | 2016 | | 1952 | 1703 | | | |
| | | 2016 | | 1548 | 1337 | | | |
| | | 2016 | | 1568 | 1154 | | | |
| | | | | | | | | |

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

Gate Discharges from 0700 hrs to 2100 hrs.

2) Discharge (ALL DAY) is computed using Spillway, Sector Gate and ${\it Lockages\ Discharges\ from\ 0015\ hrs\ to\ 2400\ hrs.}$

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

* On 11 May 1999, Lake Okeechobee Elevation was switched from

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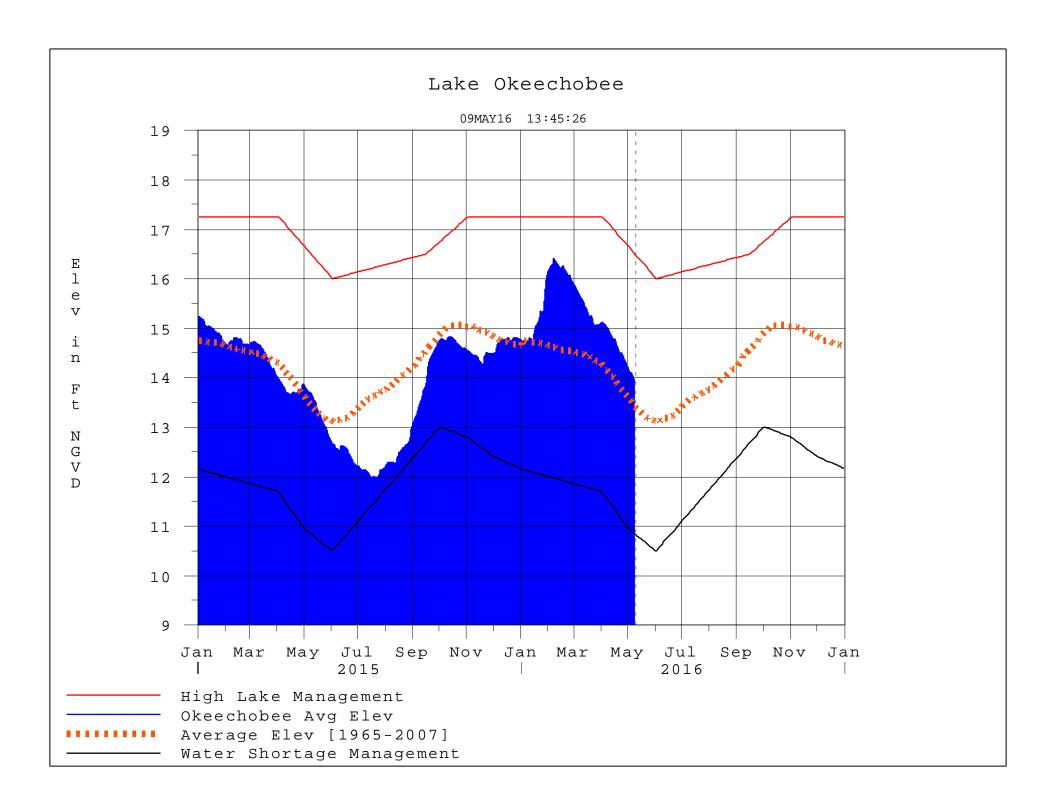
Instantaneous 2400 value to an average-daily lake average.

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 09MAY2016 @ 14:39 ** Preliminary Data - Subject to Revision **



Classification Tables

Supplemental Tables used in conjunction with the LORS2008

Release

Guidance Flow Charts

• Class Limits for Tributary Hydrologic Conditions

Table K-2 in the Lake Okeechobee Water Control Plan

• 6-15 Day Precipitation Outlook Categories

Table ?? in the Lake Okeechobee Water Control Plan

• Classification of Lake Okeechobee Net Inflow for Seasonal

Outlook

Table K-3 in the Lake Okeechobee Water Control Plan

Classification of Lake Okeechobee Net Inflow for Multi-

Seasonal Outlook

Table K-4 in the Lake Okeechobee Water Control Plan

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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 |
| [| [1000] | Seasonal Outlook |
| > 0.93 | > 2.0 | Very Wet |
| 0.71 to 0.93 | 1.51 to 2.0 | Wet |
| 0.35 to 0.70 | 0.75 to 1.5 | Normal |
| < 0.35 | < 0.75 | Dry |

^{**}Volume-depth conversion based on average lake surface area of 467,000 acres

Classification of Lake Okeechobee Net Inflow Multi-Seasonal Outlook*

| Lake Net Inflow Prediction | Equivalent Depth** | Lake Okeechobee |
|-------------------------------|-----------------------|------------------------|
| [million acre-feet] | [feet] | Net Inflow |
| | | Multi-Seasonal Outlook |
| > 2.0 | > 4.3 | Very Wet |
| 1.18 to 2.0 | 2.51 to 4.3 | Wet |
| 0.5 to 1.17 | 1.1 to 2.5 | Normal |
| < 0.5 | < 1.1 | Dry |

^{**}Volume-depth conversion based on average lake surface area of 467,000 acres

6-15 Day Precipitation Outlook Categories*

| 6-15 Day Precipitation Outlook Categories | WSE Decision Tree Categories |
|--|---------------------------------|
| Above Normal | Wet to Very Wet |
| Normal | Normal |
| Below Normal | Dry |

^{*} Corresponds to Table 7-6 in the Lake Okeechobee Water Control Plan

Under Construction