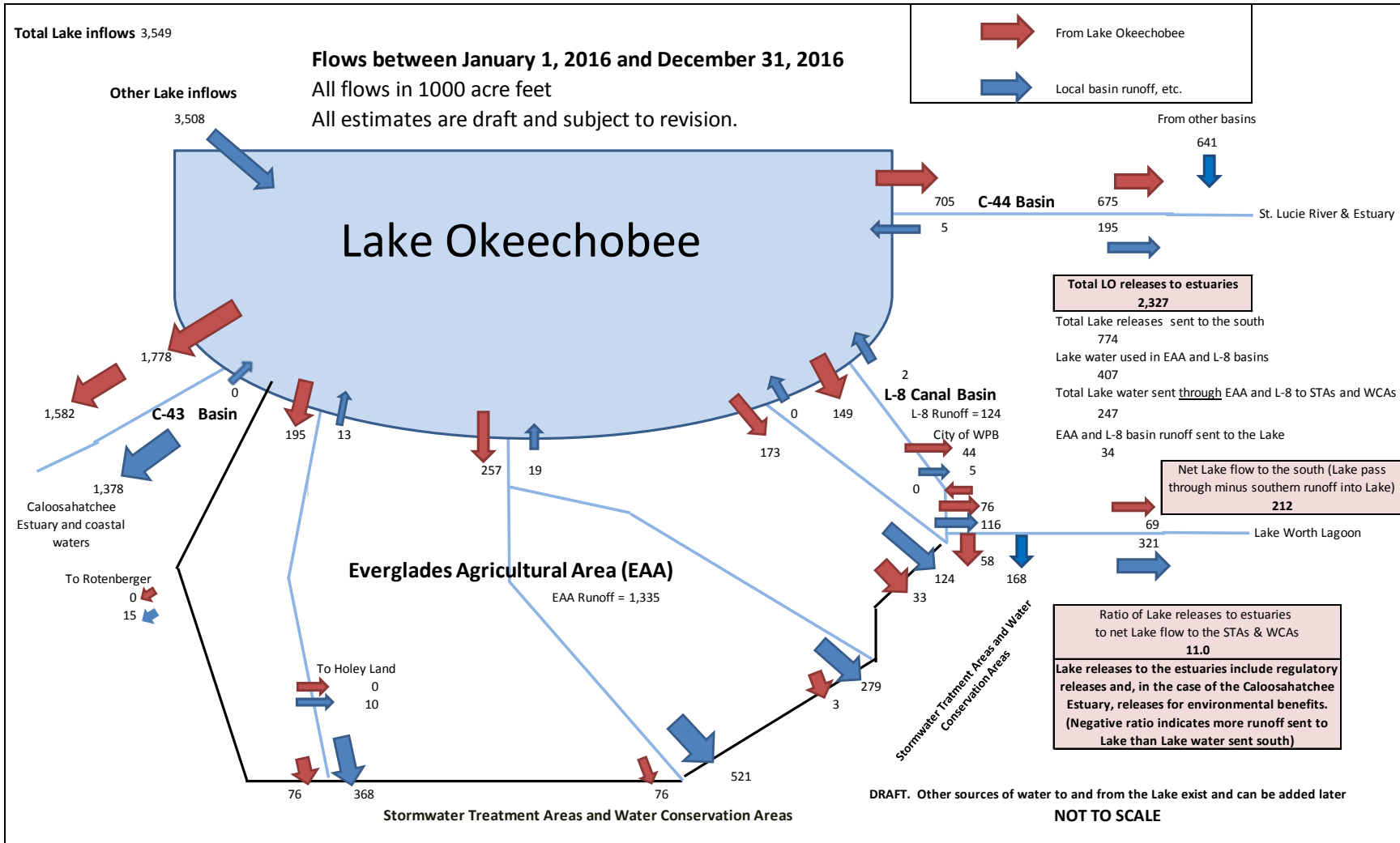
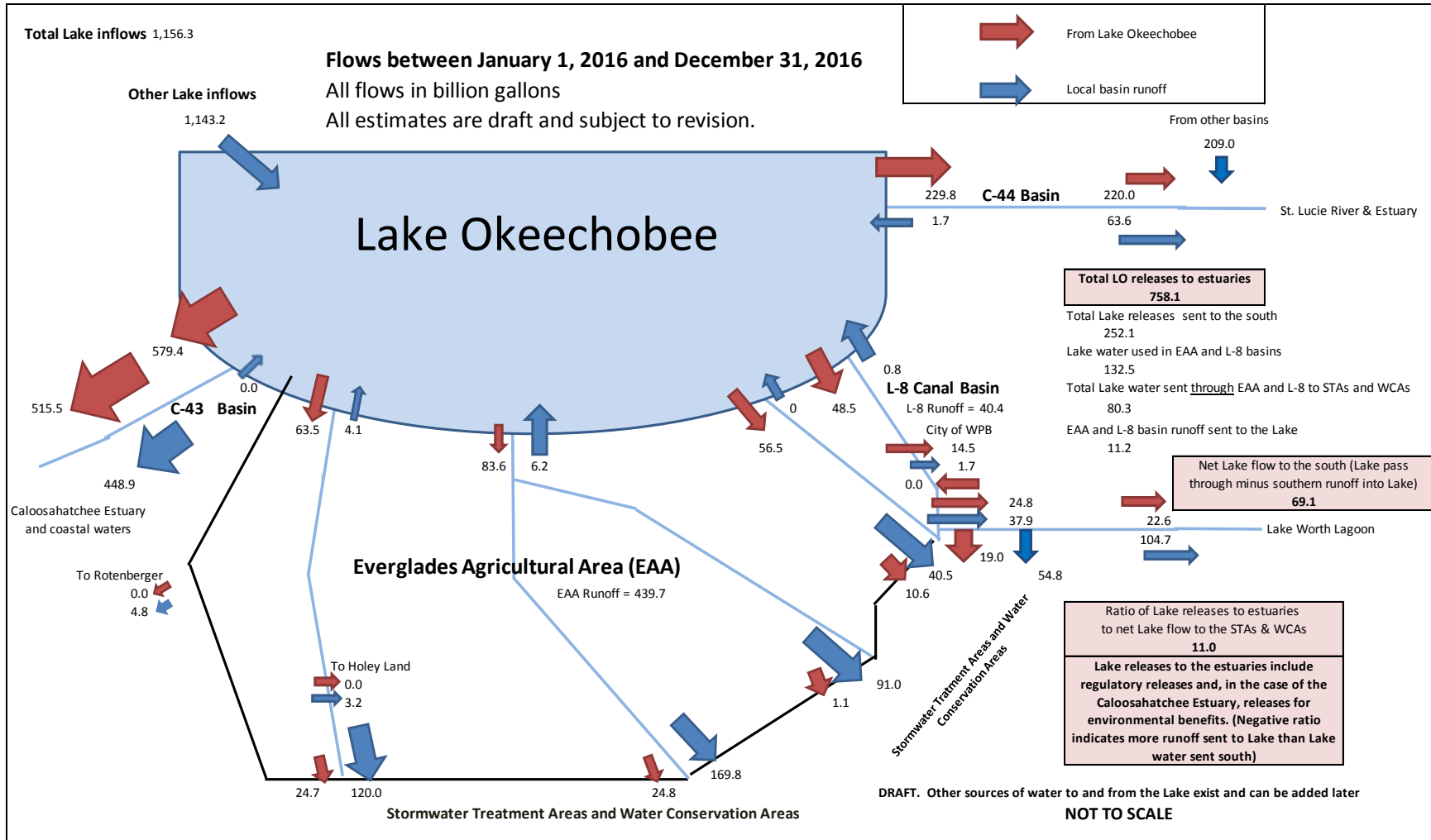


DRAFT – 2016 SUMMARY – G. Goforth – 2 3 2017



DRAFT – 2016 SUMMARY – G. Goforth – 2 3 2017



DRAFT – 2016 SUMMARY – G. Goforth – 2 3 2017

Begin
End
Duration (days)

| |
|-------------------|
| January 1, 2016 |
| December 31, 2016 |
| 366 |

Data and calculations are DRAFT and subject to revision.

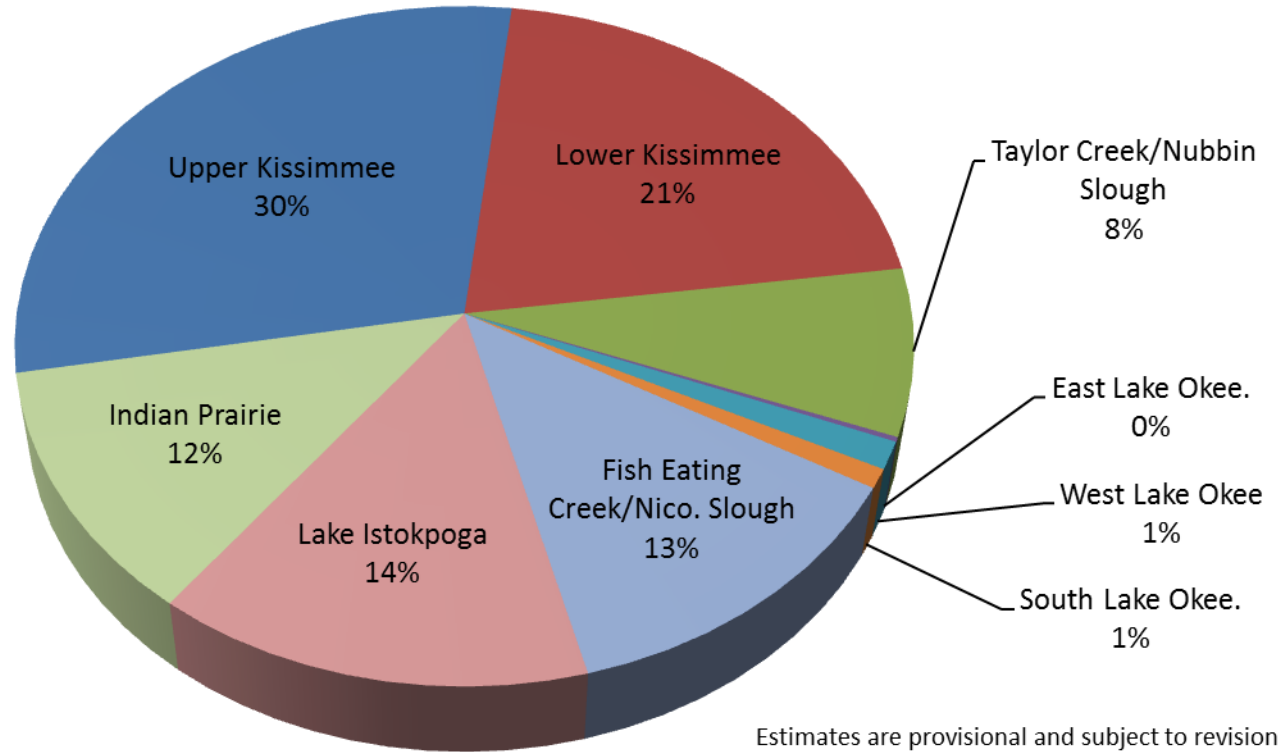
| Hydrologic Unit | This period | | | | 1 year earlier | | | | Difference with 1 year ago | | | |
|------------------------------|-------------------|---------------|----------------------------|---------------------------|-------------------|---------------|----------------------------|---------------------------|----------------------------|---------------|----------------------------|-----------------------------|
| | Total To Lake, AF | From Lake, AF | Total Runoff and Other, AF | Lake inflow as % of total | Total To Lake, AF | From Lake, AF | Total Runoff and Other, AF | Lake inflow as % of total | Total To Lake, AF | From Lake, AF | Total Runoff and Other, AF | % Change in Flows from Lake |
| Miami Canal | 12,700 | 194,821 | 313,086 | 38% | 686 | 305,251 | 174,534 | 64% | 12,013 | -110,430 | 138,551 | -36% |
| NNR/Hillsboro Canal | 19,148 | 256,674 | 829,268 | 24% | 926 | 488,935 | 296,864 | 62% | 18,222 | -232,260 | 532,404 | -48% |
| WPB Canal | 0 | 173,248 | 165,622 | 51% | 0 | 256,227 | 85,497 | 75% | 0 | -82,979 | 80,125 | -32% |
| L-8 Canal | 2,491 | 148,977 | 123,971 | 55% | 15,100 | 148,818 | 19,885 | 88% | -12,609 | 159 | 104,086 | 0% |
| STA-1E | N/A | 58,288 | 168,240 | 26% | N/A | 61,603 | 97,080 | 39% | N/A | -3,316 | 71,160 | -5% |
| STA-1W | N/A | 32,638 | 124,320 | 21% | N/A | 27,037 | 71,504 | 27% | N/A | 5,601 | 52,816 | 21% |
| STA-2 | N/A | 29,936 | 407,701 | 7% | N/A | 194,974 | 248,329 | 44% | N/A | -165,038 | 159,372 | -85% |
| STA-3/4 & EAA A-1 FEB | N/A | 125,674 | 760,951 | 14% | N/A | 175,904 | 263,372 | 40% | N/A | -50,230 | 497,579 | -29% |
| STA-5/6 | N/A | 0 | 205,019 | TBD | N/A | 0 | 78,503 | TBD | N/A | 0 | 126,515 | |
| Holey Land WMA | N/A | 0 | 9,787 | 0% | N/A | 0 | 27,656 | 0% | N/A | 0 | -17,868 | |
| Rotenberger WMA (Note 1) | N/A | 0 | 14,822 | 0% | N/A | 0 | 51,404 | 0% | N/A | 0 | -36,582 | |
| WCA-1 (diversion) | N/A | 0 | 1 | 3% | N/A | 2 | 51 | 3% | N/A | -2 | -50 | |
| WCA-2A (diversion) | N/A | 0 | 1 | | N/A | 0 | 0 | 0% | N/A | 0 | 1 | |
| WCA-3A (diversion) | N/A | 0 | 0 | | N/A | 0 | 0 | 0% | N/A | 0 | 0 | #DIV/0! |
| Lake Worth Lagoon | N/A | 69,238 | 321,222 | 18% | N/A | 53,105 | 123,847 | 30% | N/A | 16,134 | 197,375 | 30% |
| City of WPB | N/A | 44,374 | 5,304 | 89% | N/A | 61,039 | 18,581 | 77% | N/A | -16,665 | -13,277 | -27% |
| C-51 Basin | N/A | 76,060 | 184,766 | 29% | N/A | 74,639 | 40,298 | TBD | N/A | 1,421 | 144,468 | 2% |
| Other basins to Lake | 3,513,444 | | | | 2,535,184 | | | | 978,259 | | | 39% |
| Total to Lake | 3,547,783 | | | | 2,551,897 | | | | 995,886 | | | 39% |
| Total to STAs | | 246,535 | 1,666,231 | 13% | | 459,518 | 758,788 | 38% | | -212,983 | 907,443 | -46% |
| Total to WMAs | | 0 | 24,609 | 0% | | 0 | 79,060 | 0% | | 0 | -54,451 | |
| Total diverted to WCAs | | 0 | 2 | 1% | | 2 | 51 | 3% | | -2 | -49 | -99% |
| Total to WCAs | | 246,535 | 1,690,842 | 13% | | 459,520 | 837,899 | 35% | | -212,985 | 852,943 | -46% |
| Total from Lake to EAA & L-8 | | 773,720 | | | | 1,199,231 | | | | -425,510 | | -35% |
| Total EAA runoff and other | | | 1,431,946 | | | | 576,781 | | | | 855,166 | |

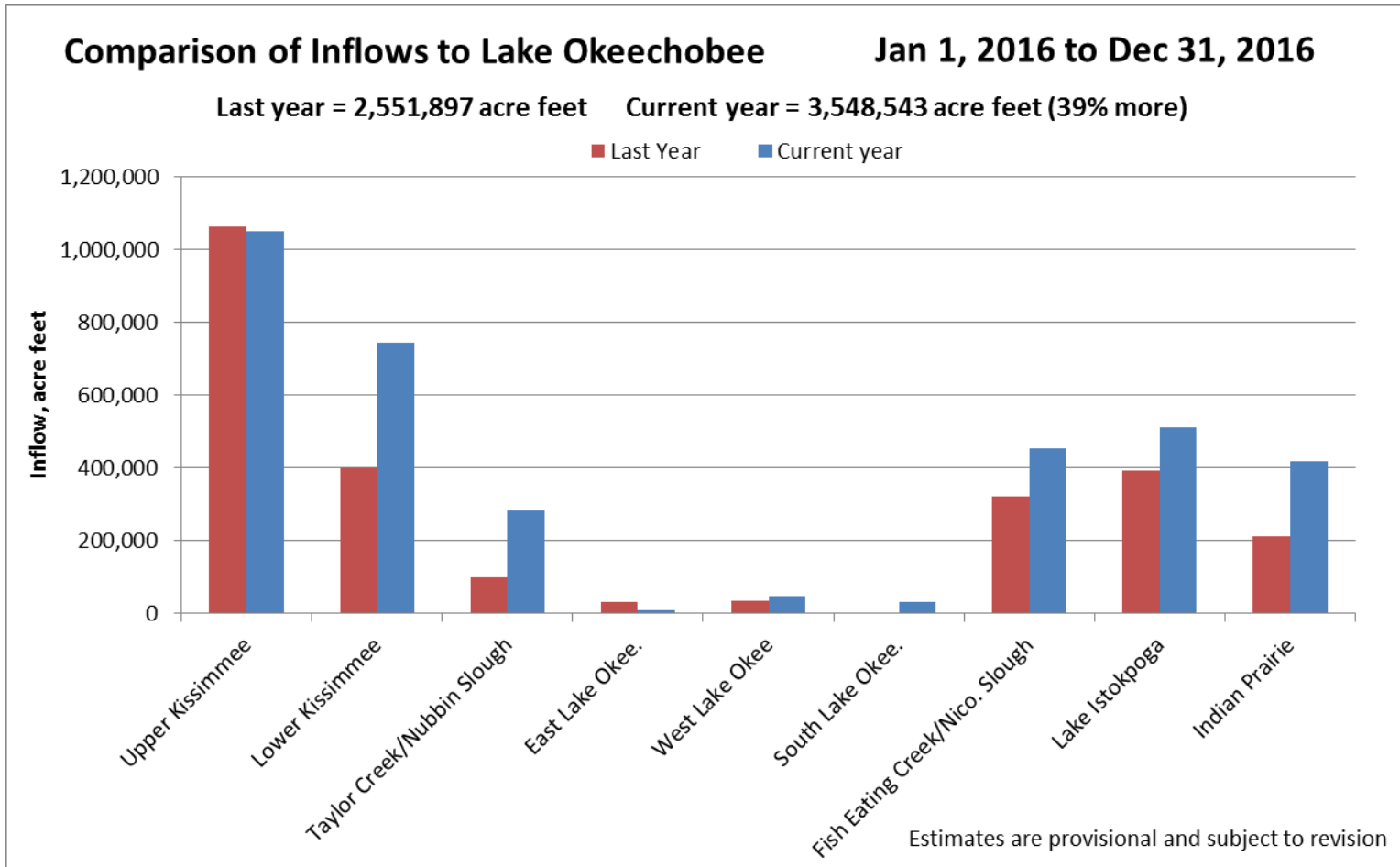
Note 1. Inflow to Rotenberger consists primarily of treated discharges from the STAs - not stormwater runoff.

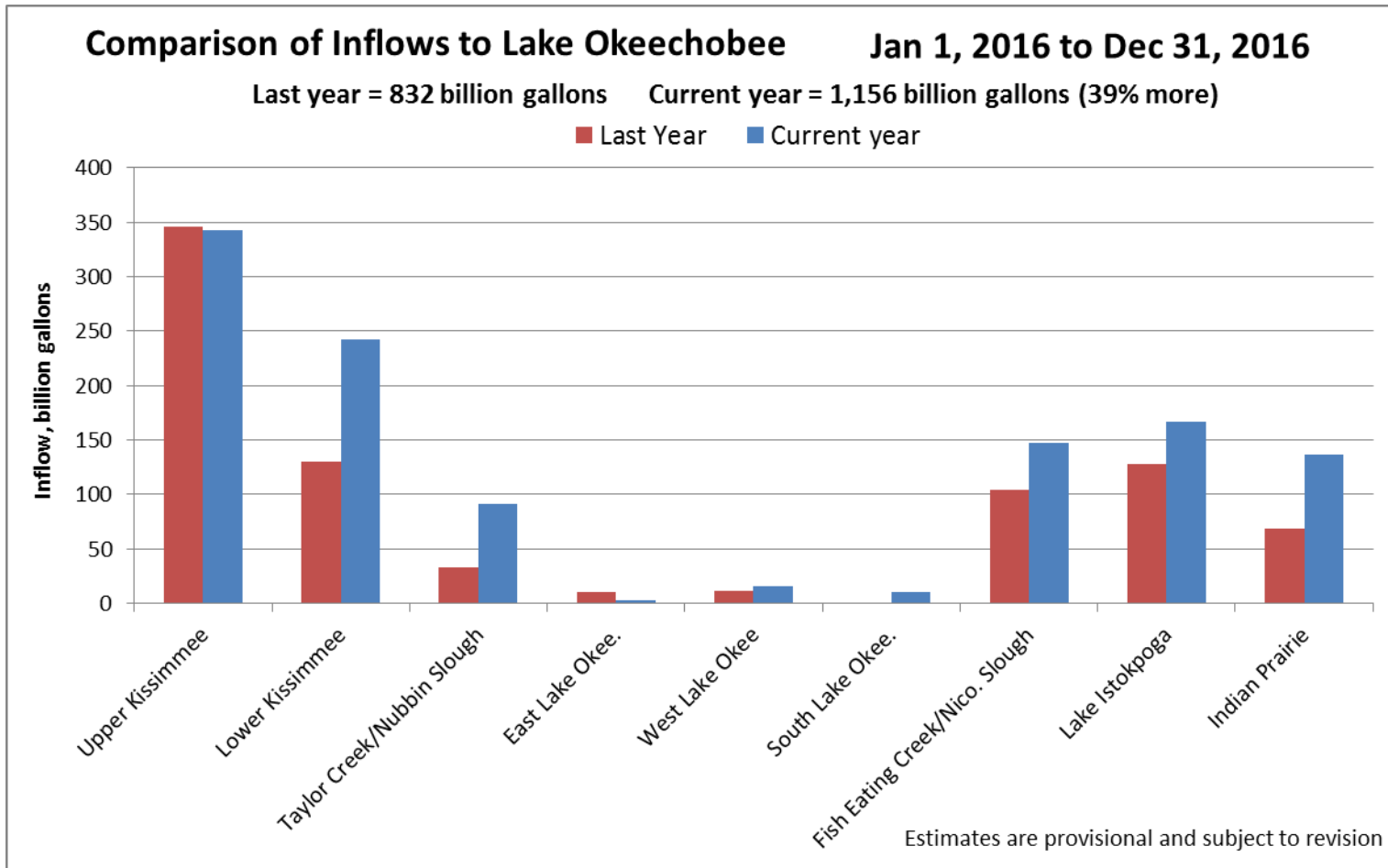
| | | | | |
|-----------------------|-----|-----|-----|-----|
| Percent of STA inflow | 13% | 87% | 38% | 62% |
|-----------------------|-----|-----|-----|-----|

Surface Inflows to Lake Okeechobee Jan 1, 2016 to Dec 31, 2016

Total inflow = 3,548,543 acre feet



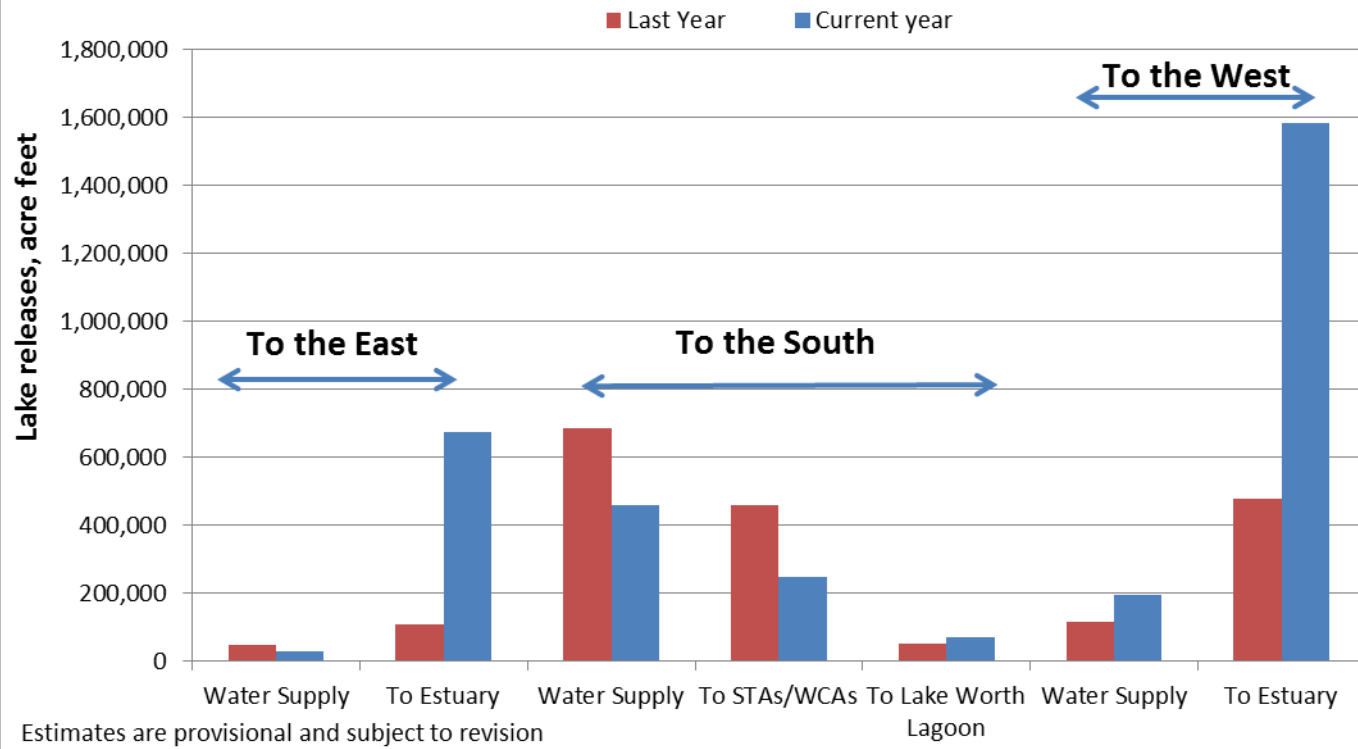




Comparison of Lake Okeechobee Releases

Jan 1, 2016 to Dec 31, 2016 (acre feet)

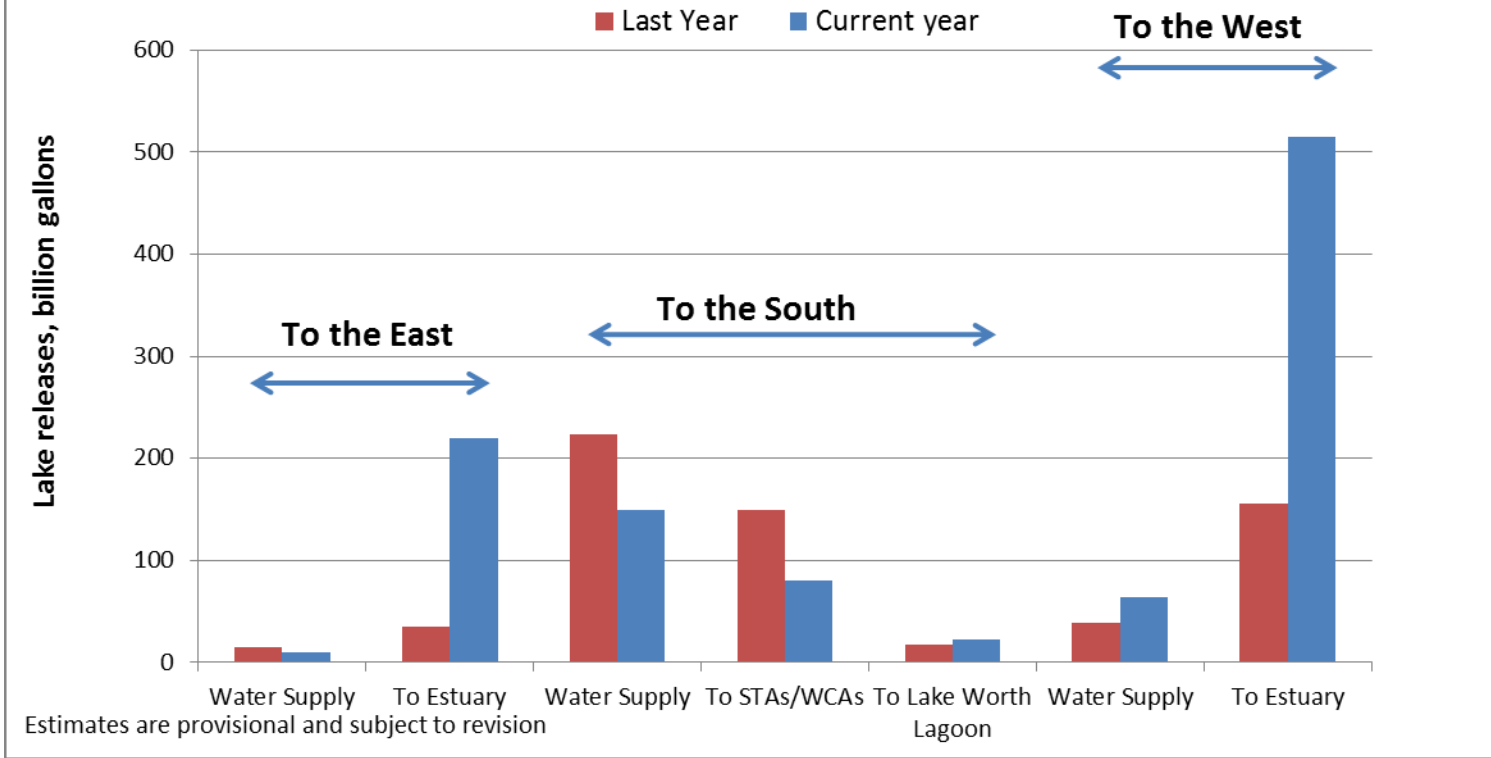
Last year = 1,947,550 acre feet Current year = 3,257,262 acre feet (40% more)



Comparison of Lake Okeechobee Releases

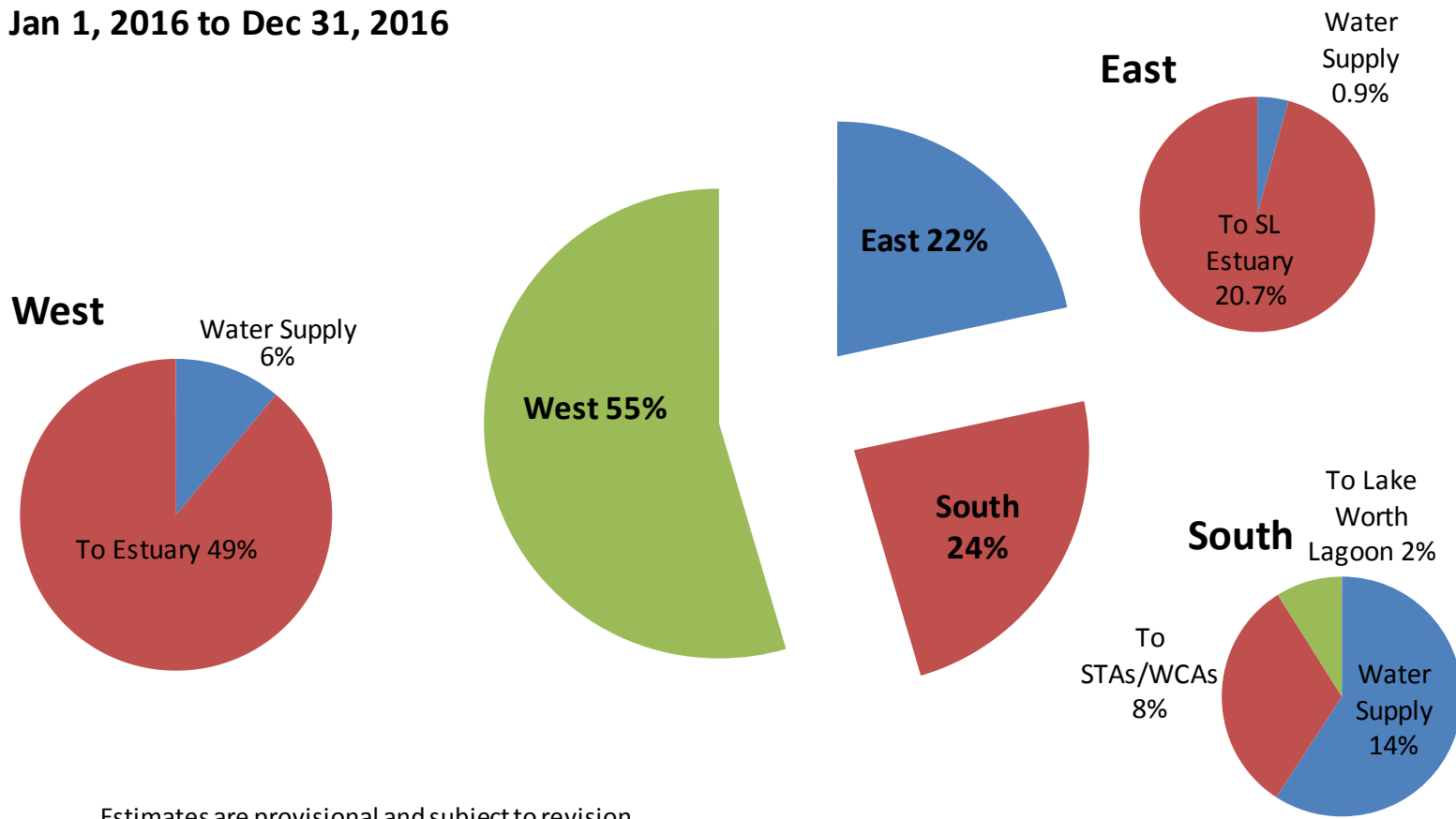
Jan 1, 2016 to Dec 31, 2016 (billion gallons)

Total releases = 1,061 billion gallons (40% more than last year)

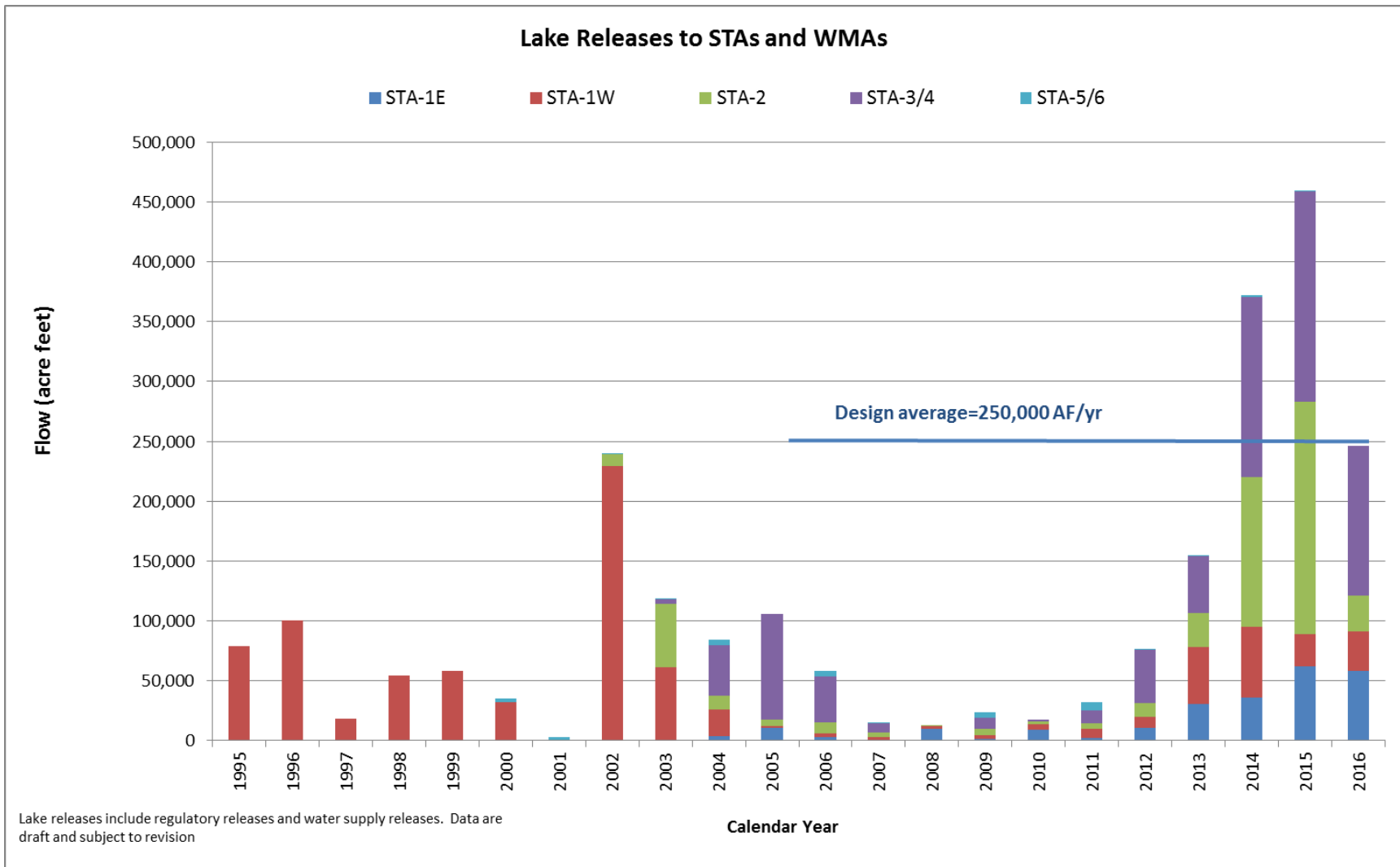


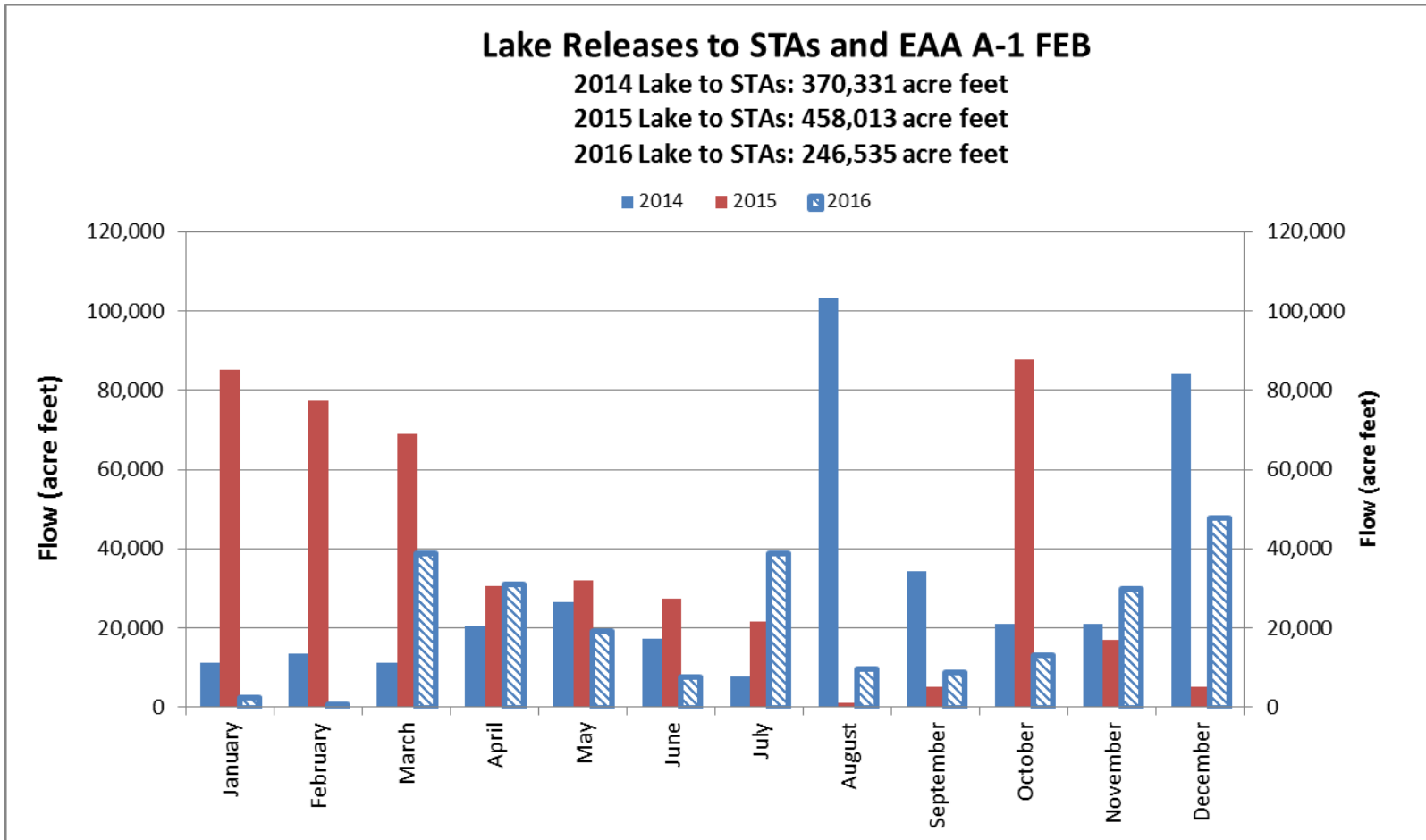
Distribution of Lake Okeechobee Releases

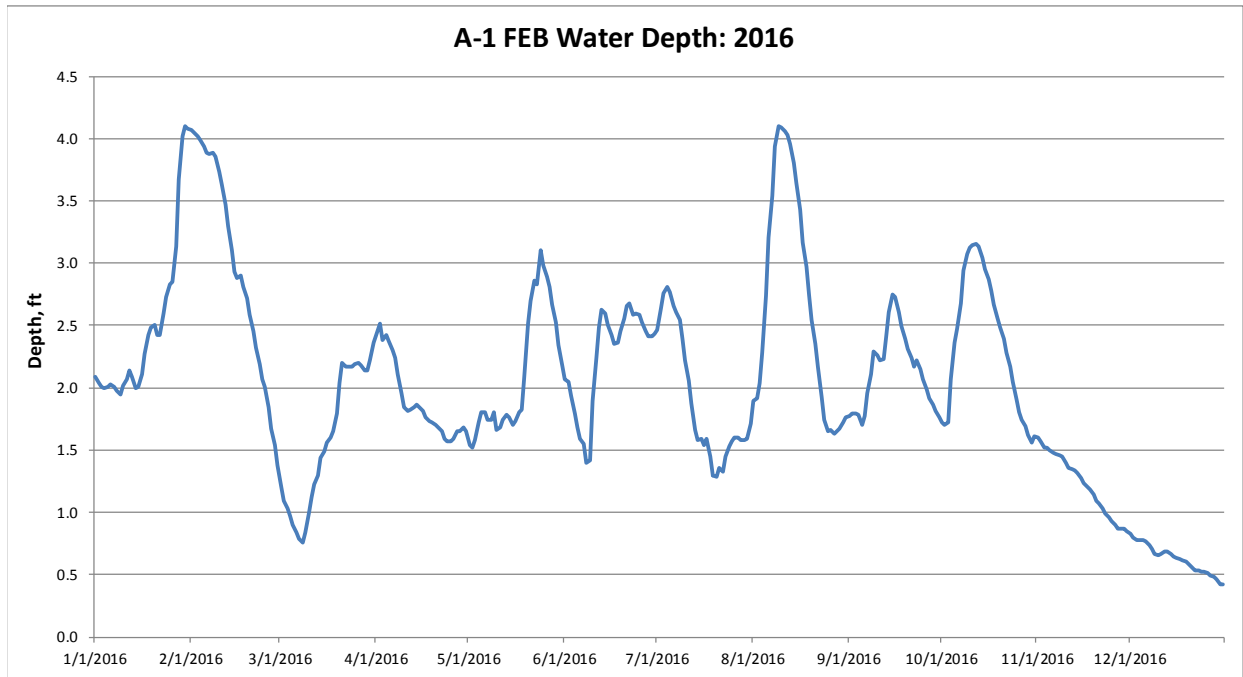
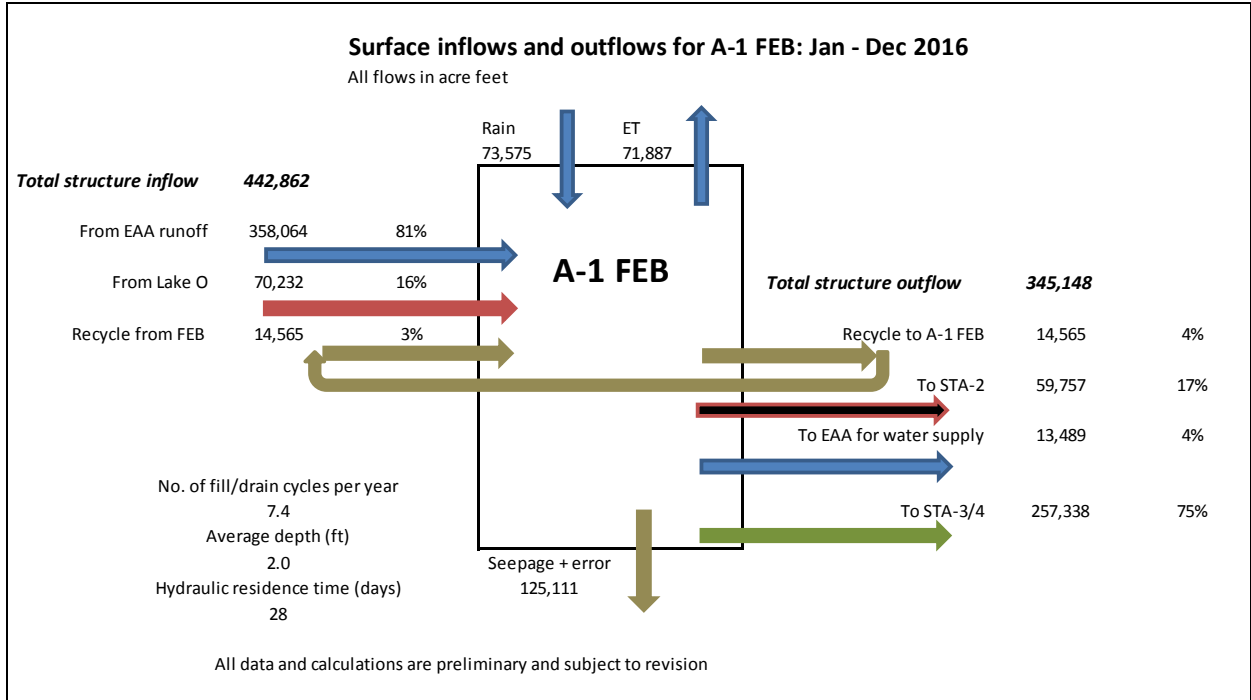
Jan 1, 2016 to Dec 31, 2016



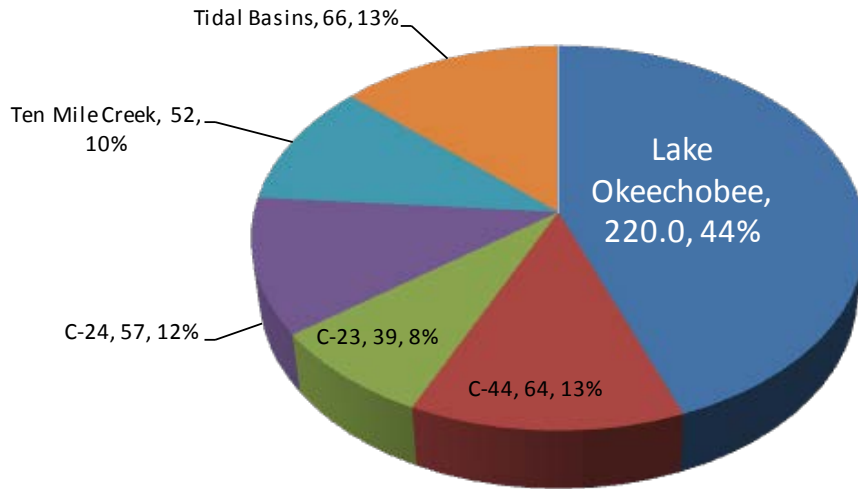
Estimates are provisional and subject to revision





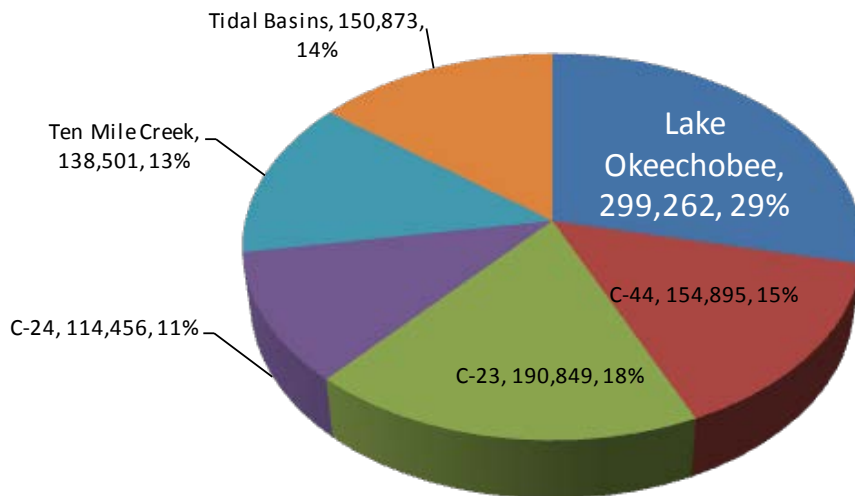


Flows to St. Lucie River & Estuary (2016)



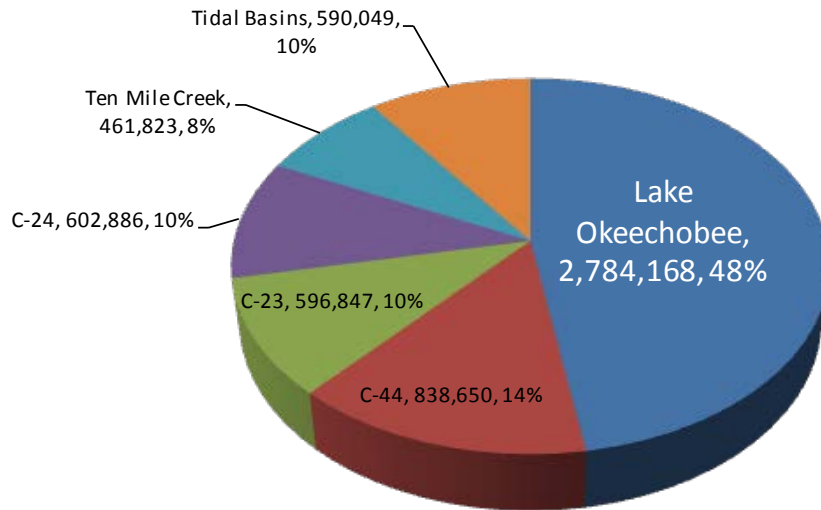
Flows in billion gallons; Tidal Basin flows estimated from proportions in SFWMD Protection Plan
Data are provisional and subject to revision

Phosphorus Loads to St. Lucie River & Estuary (2016)



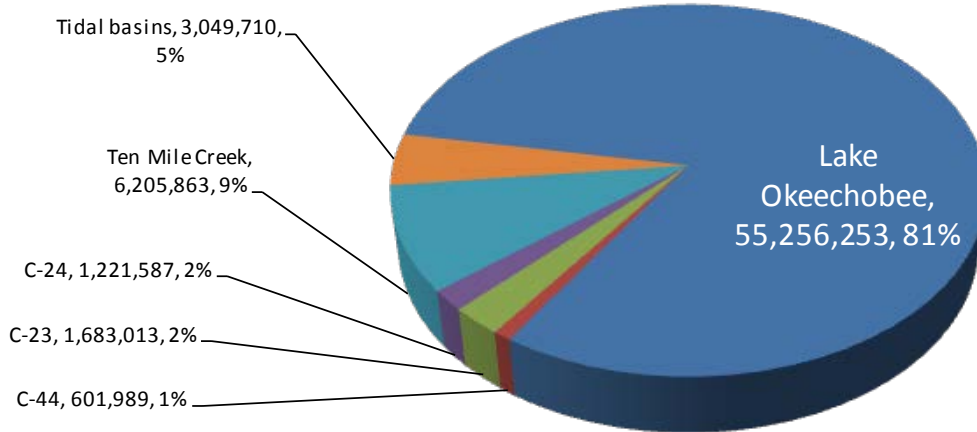
Loads in pounds; Tidal Basin loads estimated from proportions in SFWMD Protection Plan
Data are provisional and subject to revision

Nitrogen Loads to St. Lucie River & Estuary (2016)



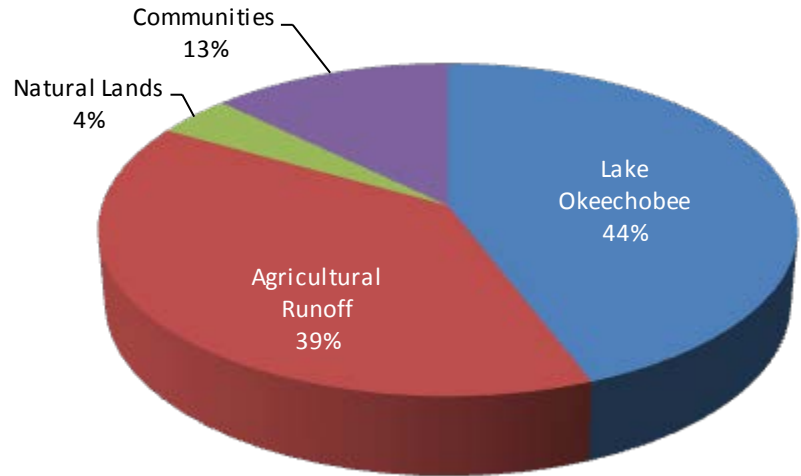
Loads in pounds; Tidal Basin loads estimated from proportions in SFWMD Protection Plan
Data are provisional and subject to revision

Suspended Sediment Loads to St. Lucie River & Estuary (2016)



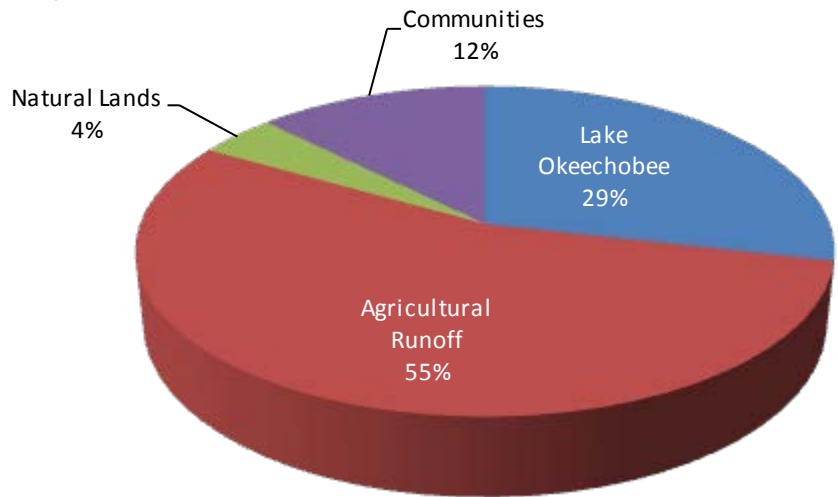
Loads in pounds; Tidal Basin loads estimated from proportions in SFWMD Protection Plan
Data are provisional and subject to revision

Flow to SLE: 2016



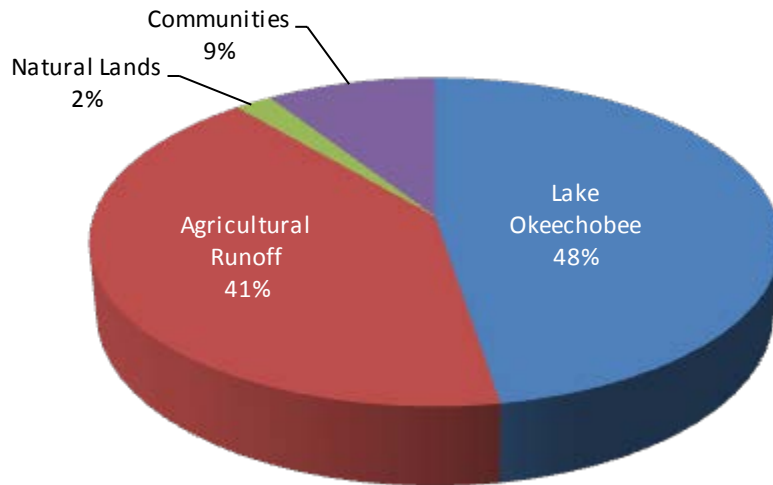
Data are provisional and subject to revision

Phosphorus Load to SLE: 2016



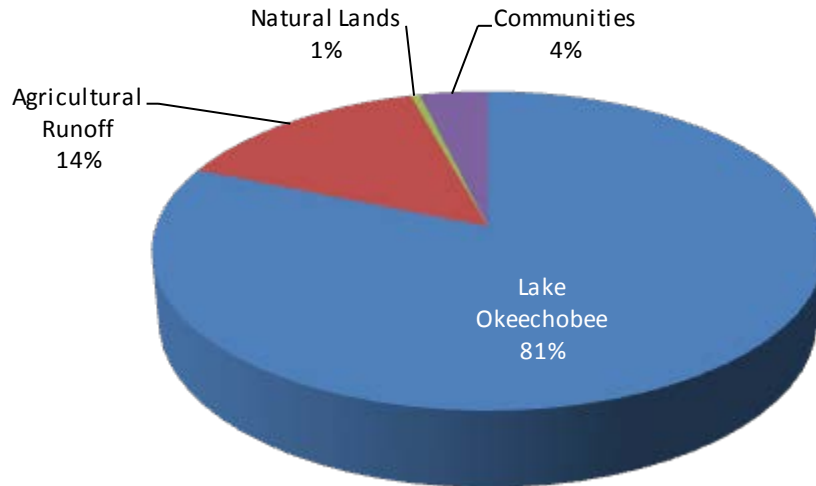
Data are provisional and subject to revision

Nitrogen Load to SLE: 2016



Data are provisional and subject to revision

Suspended Solids Load to SLE: 2016



Data are provisional and subject to revision

DRAFT – 2016 SUMMARY – G. Goforth – 2 3 2017

| From 01/01/2016 to 12/31/2016 | | | | | | | | Concentrations | | |
|--|-----------|-----------|-------|-----------------|------------|------------|-------------|----------------|---------|----------|
| Parameter | Flow | Units | Flow | Units | TP, pounds | TN, pounds | TSS, pounds | TP, ppb | TN, ppb | TSS, ppb |
| C-44 Basin to Lake Okeechobee | 5,253 | acre feet | 1.7 | Billion gallons | 3,493 | 30,008 | 1,221,129 | 245 | 2,101 | 85,489 |
| C-44 Basin to SLRE (See Notes) | 195,250 | acre feet | 63.6 | Billion gallons | 149,988 | 722,347 | 0 | 282 | 1,360 | |
| Lake Okeechobee to C-44 Canal | 705,372 | acre feet | 229.9 | Billion gallons | 316,399 | 3,024,618 | 74,947,609 | 165 | 1,577 | 39,072 |
| Lake to St Lucie River/Estuary | 675,278 | acre feet | 220.1 | Billion gallons | 304,169 | 2,900,471 | 55,858,242 | 166 | 1,579 | 30,418 |
| C-43 Canal to Lake Okeechobee | 0 | acre feet | 0.0 | Billion gallons | 0 | 0 | 0 | | | |
| C-43 Canal to Caloosahatchee Estuary | 1,377,623 | acre feet | 448.9 | Billion gallons | 486,737 | 4,200,322 | 0 | 130 | 1,121 | |
| Lake Okeechobee to C-43 Canal | 1,778,169 | acre feet | 579.5 | Billion gallons | 440,010 | 6,898,910 | 60,251,731 | 91 | 1,427 | 12,460 |
| Lake to Caloosahatchee Estuary | 1,582,004 | acre feet | 515.5 | Billion gallons | 401,644 | 6,226,727 | 29,917,197 | 93 | 1,447 | 6,954 |
| Lake to both estuaries | 2,257,282 | acre feet | 735.6 | Billion gallons | 705,813 | 9,127,198 | 85,775,439 | 115 | 1,487 | 13,974 |
| Other basins to SLRE (C-23+C-24+TMC+Tidal) | 641,479 | acre feet | 209.0 | Billion gallons | 593,704 | 2,223,860 | 11,728,909 | 340 | 1,275 | 6,724 |

Notes: 1. If Basin load =0, then all load is attributable to Lake flows. 2. Data are provisional and subject to revision. 3. Lake to estuary loads can be > Lake to C-44 due to legacy loads