

2013 and 2040 Simulated Demands by County
- All Water Use Categories

Summary of Simulated Demands in the Upper East Coast Planning Region including northern Palm Beach County

| Summary of Upper East Coast Water Supply Plan Simulated Demands | | |
|---|--|--|
| | 2013 UEC Base Case Simulated FAS Demands (MGD) | 2040 UEC Base Case Simulated FAS Demands (MGD) |
| Agricultural | 57.58 | 59.45 |
| Landscaping/Golf | 5.37 | 5.37 |
| Industrial | 0.18 | 0.18 |
| Public Water Supply | 41.49 | 68.62 |
| | | |
| Total | 104.62 | 133.62 |

Simulated Demands – St. Lucie County

| St. Lucie County Simulated Base Case | | | | | | |
|--------------------------------------|----------------------------|--|---|----------------------------|---|---|
| | 2013 Estimated Acres | 2013 UEC Base Case - Simulated FAS Irrigated Acres | 2013 Base Simulated Average FAS Withdrawals (MGD) | 2040 Projected Acres | 2040 UEC Base Simulated FAS Irrigated Acres | 2040 Base Simulated Average FAS Withdrawals (MGD) |
| Golf Course | 2,678 | 152 | 0.53 | 2,678 | 152 | 0.53 |
| Landscaping | 1,646 | 215 | 0.76 | 1,646 | 215 | 0.76 |
| Citrus | 36,247 | 12,685 | 30.77 | 36,000 | 12,598 | 30.59 |
| Other Fruits & Nuts | 71 | 0 | 0.00 | 71 | 0 | 0.00 |
| Greenhouse/Nursery | 2,280 | 28 | 0.10 | 2,280 | 28 | 0.10 |
| Pasture | 20,526 | 5,022 | 12.22 | 20,526 | 5,022 | 12.22 |
| Sod | 63 | 0 | 0.00 | 63 | 0 | 0.00 |
| Sugarcane | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| Vegetables | 4,365 | 968 | 2.13 | 5,200 | 1,153 | 2.53 |
| Public Water Supply | NA | NA | 19.54 | NA | NA | 47.12 |
| Industrial/Com. | NA | NA | 0.00 | NA | NA | 0.00 |
| | | | | | | |
| Total | 67,876 | 19,070 | 66.06 | 68,463 | 19,168 | 93.85 |

Simulated Demands - Martin County

| Martin County Simulated Base Case | | | | | | |
|-----------------------------------|----------------------------|--|---|----------------------------|---|---|
| | 2013 Estimated Acres | 2013 UEC Base Case - Simulated FAS Irrigated Acres | 2013 Base Simulated Average FAS Withdrawals (MGD) | 2040 Projected Acres | 2040 UEC Base Simulated FAS Irrigated Acres | 2040 Base Simulated Average FAS Withdrawals (MGD) |
| Golf Course | 4,582 | 540 | 2.28 | 4,582 | 540 | 2.28 |
| Landscaping | 2,264 | 307 | 1.01 | 2,264 | 307 | 1.01 |
| Citrus | 5,949 | 798 | 2.79 | 6,000 | 805 | 2.82 |
| Other Fruits & Nuts | 76 | 0 | 0.00 | 76 | 0 | 0.00 |
| Greenhouse/Nursery | 1,860 | 0 | 0.00 | 1,860 | 0 | 0.00 |
| Pasture | 6,631 | 176 | 0.34 | 6,631 | 176 | 0.34 |
| Sod | 2,468 | 62 | 0.22 | 2,500 | 63 | 0.22 |
| Sugarcane | 11,517 | 0 | 0.00 | 11,517 | 0 | 0.00 |
| Vegetables | 4,173 | 194 | 0.45 | 6,793 | 316 | 0.73 |
| Public Water Supply | NA | NA | 10.55 | NA | NA | 14.47 |
| Industrial/Com. | NA | NA | 0.18 | NA | NA | 0.18 |
| | | | | | | |
| Total | 39,518 | 2,078 | 17.82 | 42,222 | 2,208 | 22.05 |

Simulated Demands – Okeechobee County

| Okeechobee County (UEC Portion) Simulated Base Case | | | | | | |
|---|----------------------------|--|---|----------------------------|---|---|
| | 2013 Estimated Acres | 2013 UEC Base Case - Simulated FAS Irrigated Acres | 2013 Base Simulated Average FAS Withdrawals (MGD) | 2040 Projected Acres | 2040 UEC Base Simulated FAS Irrigated Acres | 2040 Base Simulated Average FAS Withdrawals (MGD) |
| Golf Course | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| Landscaping | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| Citrus | 3,183 | 3,183 | 6.91 | 3,800 | 3,800 | 8.25 |
| Other Fruits & Nuts | 1 | 0 | 0.00 | 1 | 0 | 0.00 |
| Greenhouse/Nursery | 125 | 0 | 0.00 | 125 | 0 | 0.00 |
| Pasture | 17,940 | 0 | 0.00 | 17,940 | 0 | 0.00 |
| Sod | 639 | 0 | 0.00 | 639 | 0 | 0.00 |
| Sugarcane | 0 | 0 | 0.00 | 0 | 0 | 0.00 |
| Vegetables | 1,030 | 1,030 | 1.66 | 1,030 | 1,030 | 1.66 |
| Public Water Supply | NA | NA | 0.17 | NA | NA | 0.17 |
| Industrial/Com. | NA | NA | 0.00 | NA | NA | 0.00 |
| | | | | | | |
| Total | 22,918 | 4,213 | 8.74 | 23,535 | 4,830 | 10.08 |

Simulated Demands – Northern Palm Beach County

| North Palm Beach County Simulated Base Case | | | | | | |
|---|----------------------------|--|---|----------------------------|---|---|
| | 2013 Estimated Acres | 2013 UEC Base Case - Simulated FAS Irrigated Acres | 2013 Base Simulated Average FAS Withdrawals (MGD) | 2040 Projected Acres | 2040 UEC Base Simulated FAS Irrigated Acres | 2040 Base Simulated Average FAS Withdrawals (MGD) |
| Golf Course | 1,500 | 264 | 0.78 | 1,500 | 264 | 0.78 |
| Public Water Supply | NA | NA | 11.23 | NA | NA | 15.64 |
| | | | | | | |
| Total | 1,500 | 264 | 12.00 | 1,500 | 264 | 16.42 |
| Note: PWS and Golf Course Demands Estimated from SFWMD LECWSP | | | | | | |

Summary of Simulated Demands in Indian River County

| Summary of Indian River County Simulated Demands | | |
|--|--|--|
| | 2013 UEC Base Case Simulated FAS Demands (MGD) | 2040 UEC Base Case Simulated FAS Demands (MGD) |
| Agricultural | 73.98 | 64.38 |
| Landscaping/Golf | 15.78 | 15.78 |
| Industrial | 0.44 | 0.53 |
| Public Water Supply | 9.72 | 19.82 |
| | | |
| Total | 99.92 | 100.51 |