

**2016 and 2040 Simulated Demands  
by County and Water Use Categories**

**East Coast Floridan Model**

**2018 Lower East Coast Water Supply Plan Update**

# LEC Floridan Aquifer System Demand Summary by Use Type

County	2016 FAS Modeled (mgd)	2040 FAS Modeled (mgd)
Use Type	2016 Simulated Demands (MGD)	2040 Simulated Demands (MGD)
Public Water Supply	52.56	104.41
Golf/Landscaping	2.09	2.72
Power	10.19	23.51
Aquaculture	0.00	15.34
<b>Total</b>	<b>64.84</b>	<b>145.98</b>

# LEC Floridan Aquifer System Demand Summary by County

County	2016 FAS Modeled (mgd)	2040 FAS Modeled (mgd)
Palm Beach	29.48	34.92
Broward	12.74	29.02
Miami-Dade	22.26	81.66
Monroe*	0.36	0.38
<b>Total</b>	<b>64.84</b>	<b>145.98</b>

\* Wells for FCAA, the primary water supplier in Monroe County, are located in Miami-Dade County.

# LEC Floridan Aquifer System Demand Summary Palm Beach County

Modeled Water User	2016 FAS Modeled (mgd)	2040 FAS Modeled (mgd)
Delray Beach	0.00	1.50
Highland Beach	1.61	1.81
Jupiter	9.95	11.43
Lake Worth	3.08	3.00
Manalapan	0.68	0.00
Palm Beach County - Western Region*	6.67	8.33
Seacoast Utility Authority	2.36	3.64
Tequesta	2.28	2.33
FPL West County Energy Center	0.95	0.96
New Hope Power	0.31	0.33
Seminole Golf Club	0.17	0.20
Lost Tree Club	0.58	0.57
Everglades Club	0.30	0.27
Palm Beach Country Club	0.20	0.18
Breakers Irrigation Water Supply	0.28	0.30
Palm Beach Par 3 Golf Course	0.07	0.08
<b>Total</b>	<b>29.48</b>	<b>34.92</b>

\* Limited to 90 days per year.

# LEC Floridan Aquifer System Demand Summary Broward County

Modeled Water User	2016 FAS Modeled (mgd)	2040 FAS Modeled (mgd)
Broward Co. W&WS (Dist 2/NR)	0.00	3.00
Davie	3.73	4.65
Deerfield Beach	0.95	3.00
Fort Lauderdale	0.00	6.00
Hollywood	3.85	5.87
Lauderhill	0.00	1.00
Miramar	2.92	3.00
North Springs Improvement District	0.00	1.00
Sunrise	1.16	1.34
Gulfstream Park	0.14	0.15
<b>Total</b>	<b>12.74</b>	<b>29.02</b>

# LEC Floridan Aquifer System Demand Summary Miami-Dade & Monroe Counties

Modeled Water User	2016 FAS Modeled (mgd)	2040 FAS Modeled (mgd)
Miami-Dade County		
MDWASD – Hialeah	9.07	13.30
MDWASD – South Miami Heights	0.00	23.27
North Miami Beach	3.72	6.00
Florida Keys Aqueduct Authority	0.53	0.93
FPL Turkey Point-Unit 5	6.13	8.22
FPL Turkey Point-freshening wells	2.81	14.00
La Gorce Country Club	0.00	0.60
Atlantic Sapphire Aquaculture	0.00	15.34
<b>Total</b>	<b>22.26</b>	<b>81.66</b>
Monroe County		
North Key Largo Utility Corp	0.36	0.38
<b>Total</b>	<b>0.36</b>	<b>0.38</b>