



Florida Statewide Agricultural Irrigation Demand

Appendix D – Other Agricultural Water Use Projections



Appendix D – Other Agricultural Water Use Projections

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Table D-1. Freeze Protection Estimates by Crop for Each Water Management District

NFWWMD							
Crop	2024	2025	2030	2035	2040	2045	2050
Citrus	0.02	0.07	0.07	0.07	0.07	0.07	0.07
Fruit (Non-citrus)	0.03	0.12	0.12	0.13	0.19	0.19	0.19
Greenhouse/Nursery	-	-	-	-	-	-	-
Total	0.05	0.19	0.19	0.20	0.26	0.26	0.26
SFWMD							
Crop	2024	2025	2030	2035	2040	2045	2050
Citrus	6.00	9.13	9.05	8.94	8.71	8.54	8.31
Fruit (Non-citrus)	0.27	2.78	2.77	2.76	2.76	2.67	2.65
Greenhouse/Nursery	-	-	-	-	-	-	-
Total	6.26	11.92	11.82	11.70	11.47	11.22	10.96
SJRWMD							
Crop	2024	2025	2030	2035	2040	2045	2050
Citrus	1.53	1.59	1.52	1.42	1.34	1.25	1.12
Fruit (Non-citrus)	1.86	2.56	2.45	2.42	2.26	2.18	2.11
Greenhouse/Nursery	5.35	-	-	-	-	-	-
Total	8.74	4.15	3.97	3.85	3.60	3.43	3.23
SRWMD							
Crop	2024	2025	2030	2035	2040	2045	2050
Citrus	0.03	0.05	0.10	0.13	0.13	0.18	0.18
Fruit (Non-citrus)	1.22	1.30	1.33	1.36	1.50	1.50	1.50
Greenhouse/Nursery	-	-	-	-	-	-	-
Total	1.25	1.35	1.42	1.49	1.63	1.69	1.69
SWFWMD							
Crop	2024	2025	2030	2035	2040	2045	2050
Citrus	17.87	18.22	17.70	17.17	16.61	16.06	15.48
Fruit (Non-citrus)	8.44	8.46	8.21	7.78	7.53	7.31	7.03
Greenhouse/Nursery	-	-	-	-	-	-	-
Total	26.31	26.69	25.92	24.96	24.13	23.37	22.51

Table D-2. Freeze Protection Estimates by County

Freeze Demands, MGD						
County	2024	2025	2030	2035	2040	2045
Alachua	1.60	2.11	2.11	2.11	2.11	2.11
Baker	-	0.00	0.00	0.00	0.00	0.00
Bay	-	-	-	-	-	-
Bradford	-	-	-	-	-	-
Brevard	0.01	0.02	0.01	0.01	0.01	0.01
Broward	-	0.00	0.00	0.00	0.00	0.00
Calhoun	-	-	-	-	-	-
Charlotte	0.53	0.53	0.52	0.50	0.48	0.48
Citrus	0.52	0.52	0.52	0.52	0.52	0.52
Clay	-	-	-	-	-	-
Collier	0.78	1.01	0.99	0.97	0.86	0.82
Columbia	-	0.03	0.03	0.03	0.07	0.07
DeSoto	6.67	6.70	6.67	6.65	6.59	6.53
Dixie	-	-	-	-	0.01	0.01
Duval	-	-	-	-	-	-
Escambia	0.01	0.01	0.01	0.02	0.05	0.05
Franklin	-	-	-	-	-	-
Flagler	0.02	0.03	0.03	0.03	0.06	0.06
Gadsden	0.01	0.07	0.07	0.07	0.07	0.07
Gilchrist	0.01	0.01	0.02	0.02	0.04	0.04
Glades	0.14	0.17	0.17	0.17	0.17	0.17
Gulf	-	-	-	-	-	-
Hamilton	0.12	0.14	0.18	0.22	0.22	0.27
Hardee	4.29	4.37	4.29	4.19	4.11	4.04
Hendry	1.64	1.70	1.67	1.59	1.48	1.34
Hernando	0.12	0.13	0.13	0.13	0.13	0.13
Highlands	5.60	8.17	7.78	7.38	6.98	6.59
Hillsborough	5.60	5.54	5.32	5.00	4.78	4.58
Holmes	-	0.06	0.06	0.06	0.06	0.06
Indian River	0.56	0.56	0.55	0.55	0.53	0.52
Jackson	0.01	0.01	0.01	0.01	0.01	0.01
Jefferson	0.00	0.01	0.01	0.01	0.01	0.01
Lafayette	0.00	0.02	0.02	0.03	0.04	0.04
Lake	1.29	1.21	1.09	0.98	0.89	0.80
Lee	0.08	0.12	0.10	0.10	0.10	0.09
Leon	0.01	0.01	0.01	0.01	0.01	0.01
Levy	0.23	0.23	0.23	0.23	0.24	0.24

Table D-2. Freeze Protection Estimates by County (continued)

Freeze Demands, MGD							
County	2024	2025	2030	2035	2040	2045	2050
Liberty	-	-	-	-	-	-	-
Madison	0.13	0.13	0.13	0.14	0.16	0.16	0.16
Manatee	0.69	0.69	0.69	0.69	0.69	0.69	0.66
Marion	0.40	0.39	0.34	0.34	0.21	0.21	0.20
Martin	0.04	0.05	0.05	0.05	0.05	0.05	0.05
Miami-Dade	-	2.22	2.22	2.22	2.22	2.22	2.22
Monroe	-	-	-	-	-	-	-
Nassau	-	0.01	0.01	0.01	0.01	0.01	0.01
Okaloosa	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Okeechobee	0.15	0.18	0.17	0.17	0.17	0.16	0.12
Orange	0.16	0.17	0.16	0.14	0.10	0.05	0.05
Osceola	0.78	0.78	0.78	0.78	0.78	0.78	0.78
Palm Beach	-	0.04	0.04	0.04	0.04	0.04	0.04
Pasco	0.19	0.19	0.18	0.10	0.09	0.07	0.03
Pinellas	-	-	-	-	-	-	-
Polk	3.36	3.64	3.62	3.58	3.56	3.53	3.50
Putnam	1.36	0.33	0.33	0.33	0.33	0.33	0.33
Santa Rosa	0.01	0.01	0.01	0.01	0.03	0.03	0.03
Sarasota	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Seminole	0.02	0.02	0.02	0.01	0.01	0.01	0.01
St. Johns	-	0.01	0.01	0.01	0.01	0.01	0.01
St. Lucie	1.04	1.51	1.50	1.50	1.49	1.44	1.40
Sumter	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Suwannee	0.06	0.07	0.07	0.09	0.13	0.13	0.13
Taylor	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Union	0.03	0.07	0.07	0.07	0.07	0.07	0.07
Volusia	4.10	0.09	0.09	0.09	0.09	0.09	0.08
Wakulla	-	-	-	-	-	-	-
Walton	-	-	-	-	-	-	-
Washington	-	-	-	-	-	-	-
Total	42.61	44.30	43.32	42.19	41.09	39.97	38.65

Table D-3. Conservation Estimates by Crop, NFWWMD

NFWWMD						
Crop	2025	2030	2035	2040	2045	2050
Citrus	-	-	-	-	-	-
Field Crops	0.25	1.33	2.18	2.49	2.56	2.57
Fruit (Non-citrus)	0.00	0.01	0.02	0.03	0.03	0.03
Greenhouse/Nursery	0.04	0.22	0.38	0.57	0.81	1.11
Hay	0.02	0.08	0.13	0.17	0.19	0.21
Potatoes	-	0.00	0.00	0.00	0.00	0.00
Sod	0.04	0.24	0.43	0.60	0.76	0.90
Sugarcane	-	-	-	-	-	-
Vegetables (Fresh Market)	0.01	0.02	0.02	0.02	0.02	0.02
Total	0.37	1.90	3.16	3.88	4.37	4.83

Table D-4. Conservation Estimates by Crop, SFWMD

SFWMD						
Crop	2025	2030	2035	2040	2045	2050
Citrus	0.13	0.30	0.38	0.41	0.42	0.40
Field Crops	0.02	0.11	0.19	0.27	0.28	0.29
Fruit (Non-citrus)	0.27	1.38	2.21	2.79	3.18	3.49
Greenhouse/Nursery	0.82	5.92	10.98	15.31	19.46	23.38
Hay	0.26	1.06	1.55	1.90	2.03	2.13
Potatoes	0.05	0.29	0.46	0.51	0.51	0.43
Sod	0.22	1.22	2.07	2.84	3.59	4.33
Sugarcane	1.89	10.24	10.05	9.90	9.68	9.60
Vegetables (Fresh Market)	1.51	8.31	11.45	12.14	12.26	12.09
Total	5.18	28.83	39.34	46.07	51.41	56.13

Table D-5. Conservation Estimates by Crop, SJRWMD

SJRWMD						
Crop	2025	2030	2035	2040	2045	2050
Citrus	0.03	0.08	0.09	0.09	0.09	0.09
Field Crops	0.09	0.49	0.85	1.16	1.42	1.65
Fruit (Non-citrus)	0.07	0.27	0.37	0.40	0.41	0.38
Greenhouse/Nursery	0.35	1.96	3.16	4.12	4.92	5.67
Hay	0.18	0.70	1.00	1.21	1.38	1.48
Potatoes	0.24	1.33	2.22	2.86	3.24	3.48
Sod	0.14	0.81	1.46	2.03	2.64	3.08
Sugarcane	-	-	-	-	-	-
Vegetables (Fresh Market)	0.17	0.84	0.98	0.97	0.92	0.86
Total	1.27	6.49	10.12	12.85	15.02	16.68

Table D-6. Conservation Estimates by Crop, SRWMD

SRWMD						
Crop	2025	2030	2035	2040	2045	2050
Citrus	0.00	0.02	0.03	0.04	0.05	0.05
Field Crops	0.99	5.75	10.43	14.97	19.02	19.60
Fruit (Non-citrus)	0.04	0.18	0.30	0.42	0.50	0.53
Greenhouse/Nursery	0.13	0.77	1.39	2.00	2.75	3.69
Hay	0.19	1.05	1.78	2.43	2.83	3.17
Potatoes	0.00	0.03	0.04	0.04	0.04	0.04
Sod	0.01	0.04	0.07	0.09	0.12	0.14
Sugarcane	-	-	-	-	-	-
Vegetables (Fresh Market)	0.27	0.93	1.50	1.70	1.76	1.79
Total	1.63	8.77	15.54	21.69	27.07	29.01

Table D-7. Conservation Estimates by Crop, SWFWMD

SWFWMD						
Primary Crop	2025	2030	2035	2040	2045	2050
Citrus	-	0.00	0.00	0.00	0.00	0.00
Field Crops	0.09	0.52	0.80	0.94	0.97	0.96
Fruit (Non-citrus)	0.45	1.89	2.77	3.36	3.76	4.01
Greenhouse/Nursery	0.17	0.92	1.57	2.13	2.65	3.10
Hay	0.08	0.40	0.62	0.80	0.94	1.03
Potatoes	0.02	0.13	0.23	0.30	0.31	0.32
Sod	0.07	0.41	0.71	0.99	1.15	1.32
Sugarcane	-	-	-	-	-	-
Vegetables (Fresh Market)	0.33	1.50	1.62	1.62	1.61	1.60
Total	1.22	5.77	8.32	10.14	11.39	12.33

Table D-8. Conservation Estimates by County

County	Conservation Estimates, MGD					
	2025	2030	2035	2040	2045	2050
Alachua	0.16	0.84	1.41	1.89	2.31	2.52
Baker	0.00	0.01	0.02	0.03	0.04	0.05
Bay	0.01	0.06	0.10	0.14	0.18	0.21
Bradford	0.01	0.05	0.10	0.13	0.17	0.19
Brevard	0.14	0.63	1.01	1.29	1.60	1.74
Broward	0.02	0.14	0.24	0.30	0.36	0.41
Calhoun	0.03	0.19	0.32	0.39	0.45	0.51
Charlotte	0.09	0.51	0.70	0.73	0.65	0.56
Citrus	0.01	0.06	0.08	0.11	0.12	0.13
Clay	0.01	0.05	0.08	0.11	0.13	0.16
Collier	0.54	2.98	4.22	4.65	4.69	4.60
Columbia	0.05	0.29	0.54	0.80	1.01	1.12
DeSoto	0.09	0.45	0.56	0.65	0.73	0.81
Dixie	0.07	0.32	0.55	0.77	0.97	1.04
Duval	0.01	0.07	0.12	0.17	0.22	0.26
Escambia	0.02	0.10	0.21	0.30	0.37	0.44
Franklin	-	-	-	-	-	-
Flagler	0.12	0.62	1.00	1.31	1.55	1.78
Gadsden	0.03	0.16	0.27	0.37	0.46	0.54
Gilchrist	0.24	1.29	2.32	3.28	4.09	4.43
Glades	0.89	5.93	8.53	10.59	12.52	14.36
Gulf	-	-	-	-	-	-
Hamilton	0.16	0.89	1.57	2.08	2.53	2.68
Hardee	0.13	0.58	0.85	1.07	1.23	1.36
Hendry	1.20	6.49	7.01	6.99	6.89	6.82
Hernando	0.02	0.08	0.14	0.19	0.23	0.28
Highlands	0.32	1.73	2.51	3.12	3.63	4.10
Hillsborough	0.33	1.43	2.12	2.58	2.90	3.14
Holmes	0.01	0.02	0.03	0.03	0.04	0.04
Indian River	0.16	0.70	0.98	1.12	1.19	1.26
Jackson	0.23	1.18	1.89	2.15	2.26	2.36
Jefferson	0.04	0.22	0.38	0.53	0.63	0.71
Lafayette	0.13	0.74	1.37	1.98	2.54	2.77
Lake	0.12	0.61	0.97	1.20	1.36	1.46
Lee	0.12	0.61	0.83	0.90	0.97	1.02
Leon	0.00	0.01	0.02	0.03	0.04	0.04

Table D-8. Conservation Estimates by County (continued)

County	Conservation Estimates, MGD					
	2025	2030	2035	2040	2045	2050
Levy	0.25	1.34	2.26	3.00	3.51	3.71
Liberty	0.00	0.00	0.00	0.00	0.00	0.00
Madison	0.24	1.25	2.21	3.10	3.92	4.05
Manatee	0.27	1.24	1.55	1.71	1.83	1.94
Marion	0.08	0.35	0.50	0.58	0.66	0.68
Martin	0.61	3.24	3.80	4.13	4.38	4.56
Miami-Dade	0.72	3.78	6.26	8.29	10.06	11.66
Monroe	-	-	-	-	-	-
Nassau	0.01	0.04	0.07	0.10	0.11	0.11
Okaloosa	0.00	0.01	0.02	0.03	0.03	0.04
Okeechobee	0.18	0.85	1.22	1.35	1.34	1.33
Orange	0.05	0.27	0.41	0.50	0.55	0.62
Osceola	0.18	0.94	1.54	2.07	2.58	3.09
Palm Beach	0.24	1.38	2.20	2.74	3.16	3.55
Pasco	0.02	0.06	0.09	0.09	0.09	0.07
Pinellas	0.00	0.00	0.00	0.00	0.00	0.01
Polk	0.13	0.65	1.09	1.47	1.80	2.07
Putnam	0.12	0.67	1.10	1.45	1.75	1.96
Santa Rosa	0.01	0.06	0.13	0.22	0.30	0.38
Sarasota	0.03	0.15	0.23	0.30	0.37	0.43
Seminole	0.02	0.11	0.18	0.24	0.30	0.35
St. Johns	0.23	1.31	1.99	2.48	2.81	3.05
St. Lucie	0.19	0.96	1.39	1.70	1.87	2.01
Sumter	0.03	0.14	0.23	0.32	0.39	0.43
Suwannee	0.40	2.14	3.77	5.24	6.54	6.99
Taylor	0.00	0.01	0.02	0.02	0.03	0.03
Union	0.01	0.05	0.07	0.10	0.11	0.12
Volusia	0.11	0.59	0.97	1.27	1.51	1.66
Wakulla	0.00	0.00	0.00	0.01	0.01	0.01
Walton	0.01	0.05	0.08	0.11	0.13	0.14
Washington	0.00	0.02	0.03	0.03	0.04	0.04
Total	9.68	51.75	76.49	94.63	109.26	118.99

Table D-9. County Totals of Livestock and Aquaculture Water Demand, MGD

County	Dairy Cows	Beef and Other Cows	Chickens, broilers	Chickens, layers	Equine	Goats	Hogs	Sheep	Aquaculture
Alachua	0.02	0.54	0.00	0.00	0.02	0.01	0.00	0.00	0.08
Baker	-	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Bay	-	0.01	-	0.00	0.00	0.00	0.00	0.00	0.01
Bradford	-	0.09	0.00	-	0.01	0.00	0.00	0.00	0.16
Brevard	-	0.28	0.00	0.00	0.01	0.00	0.00	0.00	0.26
Broward	0.00	-	0.00	0.00	0.02	0.00	0.00	0.00	0.08
Calhoun	-	0.02	0.00	0.00	0.00	0.00	-	0.00	0.36
Charlotte	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.25
Citrus	-	0.12	0.00	0.00	0.01	0.00	0.00	0.00	0.01
Clay	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	-
Collier	-	0.12	-	0.00	0.00	0.00	0.00	0.00	0.05
Columbia	0.01	0.35	-	-	0.01	0.00	0.00	0.00	0.02
DeSoto	0.18	0.79	-	0.00	0.01	0.00	0.00	0.00	0.55
Dixie	-	0.05	0.00	-	0.00	0.00	0.00	0.00	0.01
Duval	-	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.13
Escambia	0.00	0.12	0.00	0.00	0.01	0.00	0.00	0.00	0.38
Flagler	-	0.06	-	0.00	0.00	0.00	-	-	-
Franklin	-	0.00	-	0.00	-	-	-	-	0.01
Gadsden	0.00	0.05	0.00	-	0.00	0.00	0.00	0.00	0.01
Gilchrist	2.86	0.45	0.00	0.00	0.01	0.00	0.00	0.00	-
Glades	-	0.78	0.00	0.00	0.00	-	0.00	0.00	0.72
Gulf	-	0.02	-	0.00	0.00	-	-	-	0.23
Hamilton	-	0.09	0.05	0.00	0.00	0.00	-	0.00	0.00
Hardee	0.94	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Hendry	-	0.78	-	-	0.00	0.00	-	0.00	0.33
Hernando	0.00	0.11	0.00	0.00	0.02	0.00	0.00	0.00	-
Highlands	-	0.89	0.00	0.00	0.01	0.00	0.00	0.00	0.15
Hillsborough	0.01	0.40	0.00	0.00	0.03	0.00	0.00	0.00	3.10
Holmes	0.07	0.15	0.02	0.00	0.01	0.00	0.00	0.00	0.12
Indian River	-	0.28	0.00	0.00	0.01	0.00	0.00	0.00	0.00
Jackson	-	0.41	0.03	0.00	0.01	0.00	0.00	0.00	2.81
Jefferson	-	0.35	0.00	0.00	0.01	0.00	0.00	0.00	0.05
Lafayette	0.54	0.21	0.22	0.01	0.00	0.00	0.00	0.00	0.04
Lake	0.00	0.31	0.00	-	0.02	0.01	0.00	0.00	0.02
Lee	0.00	0.12	0.00	0.00	0.01	0.00	0.00	0.00	0.09
Leon	-	0.02	0.00	0.00	0.01	0.00	0.00	0.00	-
Levy	0.00	0.56	0.00	0.00	0.06	0.00	0.00	0.00	-

Table D-9. County Totals of Livestock and Aquaculture Water Demand, MGD (continued)

County	Dairy Cows	Beef and Other Cows	Chickens, Broilers	Chickens, Layers	Equine	Goats	Hogs	Sheep	Aquaculture
Liberty	-	0.01	0.00	0.00	-	0.00	0.00	-	0.06
Madison	-	0.32	0.15	-	0.00	0.00	0.00	0.00	0.02
Manatee	-	0.47	0.00	0.00	0.01	0.00	0.00	0.00	0.07
Marion	0.01	0.49	0.00	0.00	0.29	0.01	0.00	0.00	0.09
Martin	0.01	0.30	0.00	0.00	0.03	0.00	0.00	0.00	0.04
Miami-Dade	0.01	0.09	-	0.00	0.02	0.00	0.00	0.00	5.34
Monroe	-	-	-	-	-	-	-	-	0.02
Nassau	0.01	0.06	-	0.00	0.00	0.00	0.00	0.00	0.07
Okaloosa	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.08
Okeechobee	4.76	1.88	0.00	-	0.01	0.00	0.00	0.00	0.13
Orange	0.00	0.20	0.00	0.00	0.01	0.00	0.00	0.00	0.02
Osceola	0.00	1.19	0.00	0.00	0.01	0.00	0.00	0.00	0.29
Palm Beach	0.00	0.17	0.00	0.00	0.09	0.00	0.00	0.00	0.05
Pasco	0.00	0.42	0.00	0.24	0.02	0.00	0.00	0.00	-
Pinellas	-	-	-	0.00	0.00	-	-	-	-
Polk	0.01	1.31	0.00	-	0.02	0.00	0.00	0.00	0.77
Putnam	-	0.16	0.00	-	0.01	0.00	0.00	0.00	0.21
Santa Rosa	0.00	0.08	0.00	0.00	0.01	0.00	0.00	-	0.49
Sarasota	-	0.17	0.00	0.00	0.00	0.00	-	0.00	0.15
Seminole	0.00	0.05	0.00	0.00	0.01	0.00	0.00	0.00	-
St. Johns	-	0.01	-	0.00	0.01	0.00	0.00	0.00	0.23
St. Lucie	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Sumter	-	0.40	0.00	-	0.02	0.00	0.00	0.00	1.58
Suwannee	1.29	0.45	0.44	0.01	0.02	0.00	0.00	0.00	0.02
Taylor	-	0.05	0.07	0.00	0.00	0.00	0.00	0.00	0.01
Union	0.00	0.09	-	0.00	0.00	0.00	0.00	0.00	0.00
Volusia	0.01	0.12	0.00	0.00	0.03	0.00	0.00	0.00	0.51
Wakulla	-	0.01	0.00	0.00	0.00	0.00	0.00	-	0.02
Walton	0.00	0.08	0.08	0.00	0.01	0.00	0.00	0.00	0.03
Washington	-	0.11	0.00	0.00	0.01	0.00	0.00	0.00	0.19
Total	10.77	18.80	1.06	0.27	1.00	0.11	0.03	0.05	20.55

Table D-10. Livestock and Aquaculture Water Demand - Current to Future Estimates by County

County	Livestock water use totals, MGD; 2024	Aquaculture water use totals, MGD; 2024	Livestock water use totals, MGD; 2050	Aquaculture water use totals, MGD; 2050
Alachua	0.60	0.08	0.60	0.08
Baker	0.05	0.03	0.05	0.03
Bay	0.01	0.01	0.01	0.01
Bradford	0.10	0.16	0.10	0.16
Brevard	0.29	0.26	0.29	0.26
Broward	0.02	0.08	0.02	0.08
Calhoun	0.02	0.36	0.02	0.36
Charlotte	0.15	0.25	0.15	0.25
Citrus	0.14	0.01	0.14	0.01
Clay	0.09	-	0.09	-
Collier	0.12	0.05	0.12	0.05
Columbia	0.38	0.02	0.38	0.02
Desoto	0.98	0.55	0.98	0.55
Dixie	0.05	0.01	0.05	0.01
Duval	0.04	0.13	0.04	0.13
Escambia	0.13	0.38	0.13	0.38
Flagler	0.06	-	0.06	-
Franklin	0.00	0.01	0.00	0.01
Gadsden	0.06	0.01	0.06	0.01
Gilchrist	3.33	-	3.33	-
Glades	0.78	0.72	0.78	0.72
Gulf	0.02	0.23	0.02	0.23
Hamilton	0.14	0.00	0.14	0.00
Hardee	1.81	0.01	1.81	0.01
Hendry	0.78	0.33	0.78	0.33
Hernando	0.14	-	0.14	-
Highlands	0.90	0.15	0.90	0.15
Hillsborough	0.44	3.10	0.44	3.10
Holmes	0.25	0.12	0.25	0.12
Indian River	0.29	0.00	0.29	0.00
Jackson	0.46	2.81	0.46	2.81
Jefferson	0.36	0.05	0.36	0.05
Lafayette	0.99	0.04	0.99	0.04
Lake	0.34	0.02	0.34	0.02
Lee	0.13	0.09	0.13	0.09
Leon	0.03	-	0.03	-
Levy	0.62	-	0.62	-
Liberty	0.02	0.06	0.02	0.06

County	Livestock water use totals, MGD; 2024	Aquaculture water use totals, MGD; 2024	Livestock water use totals, MGD; 2050	Aquaculture water use totals, MGD; 2050
Madison	0.48	0.02	0.48	0.02
Manatee	0.48	0.07	0.48	0.07
Marion	0.80	0.09	0.80	0.09
Martin	0.35	0.04	0.35	0.04
Miami-Dade	0.13	5.34	0.13	5.34
Monroe	-	0.02	-	0.02
Nassau	0.07	0.07	0.07	0.07
Okaloosa	0.04	0.08	0.04	0.08
Okeechobee	6.65	0.13	6.65	0.13
Orange	0.21	0.02	0.21	0.02
Osceola	1.20	0.29	1.20	0.29
Palm Beach	0.28	0.05	0.28	0.05
Pasco	0.68	-	0.68	-
Pinellas	0.00	-	0.00	-
Polk	1.34	0.77	1.34	0.77
Putnam	0.17	0.21	0.17	0.21
Santa Rosa	0.10	0.49	0.10	0.49
Sarasota	0.18	0.15	0.18	0.15
Seminole	0.06	-	0.06	-
St. Johns	0.02	0.23	0.02	0.23
St. Lucie	0.40	0.01	0.40	0.01
Sumter	0.42	1.58	0.42	1.58
Suwannee	2.21	0.02	2.21	0.02
Taylor	0.12	0.01	0.12	0.01
Union	0.10	0.00	0.10	0.00
Volusia	0.17	0.51	0.17	0.51
Wakulla	0.02	0.02	0.02	0.02
Walton	0.18	0.03	0.18	0.03
Washington	0.12	0.19	0.12	0.19
Total	32.09	20.55	32.09	20.55
Livestock and Aquaculture Total		52.64		52.64

Table D-11. Total Water Use by County - Irrigation Demand, Livestock/Aquaculture, Freeze Totals

County	Total Water Use						
	2024	2025	2030	2035	2040	2045	2050
Alachua	17.46	17.94	17.97	17.96	17.92	17.86	17.82
Baker	0.42	0.42	0.42	0.42	0.41	0.41	0.41
Bay	0.98	0.98	0.99	0.99	0.99	0.99	0.99
Bradford	1.15	1.14	1.14	1.14	1.14	1.14	1.13
Brevard	21.38	21.19	20.00	19.17	18.48	17.85	17.16
Broward	2.36	2.36	2.37	2.37	2.37	2.37	2.37
Calhoun	3.82	3.81	3.83	3.84	3.82	3.81	3.80
Charlotte	15.64	15.61	14.96	14.25	13.47	12.58	11.63
Citrus	2.11	2.11	2.11	2.10	2.10	2.12	2.11
Clay	0.86	0.86	0.86	0.86	0.86	0.86	0.86
Collier	63.17	62.86	61.41	59.66	58.32	56.85	54.96
Columbia	5.14	5.25	5.56	5.88	6.22	6.56	6.85
DeSoto	53.82	54.43	54.35	54.11	53.67	53.22	52.79
Dixie	7.37	7.41	7.60	7.77	7.90	8.11	8.24
Duval	1.54	1.54	1.55	1.55	1.55	1.56	1.56
Escambia	2.98	3.07	3.50	4.00	4.54	5.07	5.49
Flagler	11.17	11.22	11.36	11.48	11.64	11.91	12.05
Franklin	0.03	0.04	0.04	0.04	0.07	0.07	0.07
Gadsden	4.03	4.10	4.10	4.10	4.10	4.10	4.11
Gilchrist	26.31	26.45	27.37	28.22	29.01	29.80	30.64
Glades	84.43	99.59	113.56	113.55	113.55	113.53	113.51
Gulf	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Hamilton	16.46	16.51	16.94	17.30	17.48	17.74	17.95
Hardee	39.05	39.49	39.03	38.37	37.79	37.14	36.40
Hendry	205.61	205.07	200.60	196.30	191.76	187.15	183.06
Hernando	1.88	1.89	1.91	1.90	1.91	1.91	1.91
Highlands	82.91	85.60	83.12	80.52	77.80	74.97	71.97
Hillsborough	44.03	44.00	42.31	40.33	38.75	37.19	35.76
Holmes	0.93	0.99	1.00	1.00	0.99	0.99	0.99
Indian River	20.72	20.53	19.54	18.52	17.76	16.89	16.10
Jackson	31.52	31.40	31.76	32.15	32.17	32.33	32.40
Jefferson	4.27	4.27	4.28	4.29	4.27	4.26	4.24
Lafayette	13.27	13.42	14.25	15.06	15.89	16.77	17.49
Lake	15.85	15.73	14.60	13.42	12.23	11.04	9.82
Lee	12.66	12.49	11.39	10.38	9.42	8.64	8.04
Leon	0.44	0.45	0.45	0.45	0.45	0.45	0.44
Levy	27.65	27.64	27.81	28.02	28.01	28.07	28.23
Liberty	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Madison	24.39	24.43	24.80	25.13	25.34	25.60	25.95
Manatee	40.99	41.05	40.67	40.03	39.46	39.13	38.57
Marion	10.64	10.41	9.94	9.46	8.76	8.36	8.00
Martin	59.84	59.30	57.04	55.15	53.46	51.50	49.70

County	Total Water Use						
	2024	2025	2030	2035	2040	2045	2050
Miami-Dade	78.67	81.01	81.06	80.98	81.08	81.10	81.13
Monroe	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Nassau	0.90	0.91	0.91	0.91	0.91	0.91	0.91
Okaloosa	0.49	0.49	0.49	0.49	0.49	0.49	0.49
Okeechobee	25.50	25.37	24.15	23.19	22.11	21.25	20.08
Orange	5.48	5.42	5.10	4.49	3.95	3.38	3.15
Osceola	26.23	28.10	28.63	29.14	29.64	30.09	30.07
Palm Beach	451.09	451.16	451.17	451.17	451.18	451.18	451.20
Pasco	2.93	2.87	2.54	2.08	1.82	1.60	1.22
Pinellas	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Polk	51.07	52.25	52.25	51.89	51.47	51.03	50.42
Putnam	13.81	12.80	12.82	12.80	12.83	12.83	12.84
Santa Rosa	1.96	2.06	2.31	2.54	2.93	3.27	3.59
Sarasota	3.78	3.80	3.81	3.81	3.81	3.81	3.81
Seminole	1.94	1.91	1.88	1.83	1.72	1.66	1.61
St. Johns	22.59	22.51	22.25	21.96	21.61	21.37	21.07
St. Lucie	35.73	36.18	35.86	35.43	35.10	34.30	33.57
Sumter	5.88	5.89	5.88	5.87	5.88	5.87	5.86
Suwannee	41.67	41.72	42.46	43.18	43.66	44.32	44.75
Taylor	0.32	0.33	0.33	0.33	0.33	0.33	0.32
Union	0.97	0.99	0.99	0.99	0.98	0.98	0.98
Volusia	17.05	12.99	12.64	12.22	11.79	11.46	11.15
Wakulla	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Walton	1.16	1.16	1.16	1.16	1.16	1.16	1.16
Washington	0.82	0.82	0.82	0.82	0.81	0.81	0.80
Total	1,770	1,788	1,786	1,769	1,752	1,735	1,716