

Subject: Charlotte County Future Water Supply Demands for FY 2026**ATTN:** Peace River Manasota Regional Water Supply Authority (PRMRWSA)**Reference:** Annual Update to 20-year Water Supply Demands**Notes:** Water Supply Demands Representative of Mid/West PWS in Charlotte County served by PRMRWSA.

Charlotte County Future 20-Year Water Supply Projections			
Year	Annual Avg Daily Demand (MGD)	Peak Month (1.2x AADD) (MGD)	Max Day (1.4x AADD) (MGD)
FY26	15.28	18.33	21.39
FY27	15.45	18.55	21.64
FY28	15.63	18.76	21.89
FY29	15.82	18.98	22.14
FY30	16.00	19.20	22.40
FY31	16.18	19.42	22.66
FY32	16.37	19.65	22.92
FY33	16.56	19.87	23.19
FY34	16.75	20.10	23.46
FY35	16.95	20.34	23.73
FY36	17.14	20.57	24.00
FY37	17.34	20.81	24.28
FY38	17.55	21.05	24.56
FY39	17.75	21.30	24.85
FY40	17.95	21.55	25.14
FY41	18.16	21.80	25.43
FY42	18.37	22.05	25.72
FY43	18.59	22.30	26.02
FY44	18.80	22.56	26.32
FY45	19.02	22.82	26.63
FY46	19.10	22.92	26.74

Note: Represents water demands in Mid and West PWS in Charlotte County as served by PRMRWSA. Population data used based the Bureau of Economic and Business Research (BEBR) Projections of Florida Population by County, 2025–2050, with Estimates for 2024, Volume 57, Bulletin 201, August 2025; Charlotte County 20-year annualized medium growth rate.

Charlotte County New 7-Year Water Supply Demands			
Year	Annual Avg Daily Demand (MGD)	Peak Month (1.2x AADD) (MGD)	Max Day (1.4x AADD) (MGD)
FY26	0.00	0.00	0.00
FY27	0.00	0.00	0.00
FY28	0.00	0.00	0.00
FY29	0.00	0.00	0.00
FY30	0.00	0.00	0.00
FY31	0.00	0.00	0.00
FY32	0.00	0.00	0.00
FY33	0.00	0.00	0.00
FY34	0.00	0.00	0.00

Note: Replaces Charlotte County Demands in Master Water Supply Agreement.

Current Charlotte County Allocation		
Annual Avg Daily Flow ⁽¹⁾ (MGD)	Peak Month ⁽²⁾ (1.2x AADF) (MGD)	Max Day ⁽²⁾ (1.4x AADF) (MGD)
19.10	22.92	26.74
Notes: (1) In Year 2024 Charlotte County increased its AADF Allocation PRMRWSA to 19.1 MGD, which becomes available from PRMRWSA in 2031 as outlined in table below. (2) Peak Month and Max Day factors of 1.2 and 1.4 provided by Authority per Master Water Supply Contract.		
Charlotte County Allocation Schedule		
Year	Annual Avg Daily Quantity (MGD)	Year and Amount of Additional Allocation (MGD)
FY26	16.10	0.0
FY27	16.10	0.0
FY28	16.10	0.0
FY29	16.10	0.0
FY30	16.10	0.0
FY31	17.10	1.0
FY32	18.10	2.0
FY33	19.10	3.0
FY34	19.10	0.0

Charlotte County - Available Quantities For Transfer to Distribution Pool (AADF - MGD)				
Year	Allocation	Projected Demand	Available Water	Water for Distribution Pool
FY26	16.10	15.28	0.82	Not Known
FY27	16.10	15.45	0.65	Not Known
FY28	16.10	15.63	0.47	Not Known
FY29	16.10	15.82	0.28	Not Known
FY30	16.10	16.00	0.10	Not Known
FY31	17.10	16.18	0.92	Not Known
FY32	18.10	16.37	1.73	Not Known
FY33	19.10	16.56	2.54	Not Known
FY34	19.10	16.75	2.35	Not Known

Growth			CCU Demands	
Year	Mid and West Counties	88 gpcpd	PRMRWSA Mid and West	
			Population	Demand
2025	171,616	15.10	171,616	15.10
2026	173,607	15.28	173,607	15.28
2027	175,621	15.45	175,621	15.45
2028	177,658	15.63	177,658	15.63
2029	179,719	15.82	179,719	15.82
2030	181,803	16.00	181,803	16.00
2031	183,912	16.18	183,912	16.18
2032	186,046	16.37	186,046	16.37
2033	188,204	16.56	188,204	16.56
2034	190,387	16.75	190,387	16.75
2035	192,595	16.95	192,595	16.95
2036	194,830	17.14	194,830	17.14
2037	197,090	17.34	197,090	17.34
2038	199,376	17.55	199,376	17.55
2039	201,689	17.75	201,689	17.75
2040	204,028	17.95	204,028	17.95
2041	206,395	18.16	206,395	18.16
2042	208,789	18.37	208,789	18.37
2043	211,211	18.59	211,211	18.59
2044	213,661	18.80	213,661	18.80
2045	216,140	19.02	216,140	19.02
2046	218,647	19.24	217,000	19.10
2047	221,183	19.46	217,000	19.10
2048	223,749	19.69	217,000	19.10
2049	226,344	19.92	217,000	19.10
2050	228,970	20.15	217,000	19.10
2051	231,626	20.38	217,000	19.10
2052	234,313	20.62	217,000	19.10
2053	237,031	20.86	217,000	19.10
2054	239,780	21.10	217,000	19.10
2055	242,562	21.35	217,000	19.10

Served by Babcock

BEBR, 2025 Charlotte County												
	2025	2030	2035	2040	2045	2050	Annualized	Projected	Annualized	Increase	Increase	Projected
Low	208,300	217,000	221,100	223,100	222,000	219,900	0.32%	13,700	0.22%	13,700	11,600	11,600
Med	214,800	232,800	247,800	260,800	270,400	278,700	1.16%	55,600	1.05%	55,600	63,900	63,900
High	221,200	248,600	274,400	298,500	318,800	337,500	1.84%	97,600	1.70%	97,600	116,300	116,300

BEBR Projections of Florida Population by County, 2025–2050, with Estimates for 2024, Volume 57, Bulletin 201, August 2025; Charlotte County 20-year annualized medium growth rate

Metro Forecasting - Charlotte Interactive Model		2024 Charlotte County Population Forecast					
	Year:	2024	2025	2030	2035	2040	2045
	Mid County	104,629	107,256	115,698	122,699	128,535	133,835
	West County	50,687	51,598	56,411	61,606	66,819	71,854
	Total-Population	155,316	158,854	172,109	184,305	195,354	205,689
		2024 Water Demand Projections for PRMRWSA					
	Total Estimated ERUs	71,695	73,323	79,452	85,108	90,244	95,050
	Finished Water Demand (gals)	12,990,630	13,286,549	14,395,197	15,415,270	16,339,409	17,203,828
	AADF - Finished Water Demand (MGD)	12.99	13.29	14.40	15.42	16.34	17.20

BELOW FOR COMPARISON TO METRO-FORECASTING PROJECTIONS ABOVE

2023 - BEBR AADF - Finished Water Demand (MGD)	12.6	12.84	14.31	15.77	17.17	18.40
WUP - Babcock Ranch - FW Demand Mid and West County (MGD)	14.25	14.57	15.75	16.84	17.94	20.26
WUP - Babcock Ranch - Population Forecast Mid and West County (MGD)	161,882	165,537	178,943	191,404	203,831	230,239

Water use per person (gpcd)=	83.64
Persons per household	2.2
Water per ERC (gpd)	184

Sub-Service Area	Permanent Population													
		2024	2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	Buildout
Mid	Mid County	95,140	97,662	105,398	111,833	117,283	122,267	126,908	131,275	135,382	139,218	142,782	146,084	179,867
	U.S. Water Services Corporation	2,318	2,361	2,580	2,808	3,041	3,280	3,521	3,763	4,004	4,242	4,474	4,701	7,769
	Charlotte Harbor Water Association	4,333	4,473	5,096	5,673	6,328	7,131	7,866	8,398	8,811	9,185	9,551	9,917	16,684
	NHC Utilities	677	677	677	677	677	678	678	678	678	678	678	678	678
	Riverwood Development	1,725	1,730	1,753	1,775	1,795	1,814	1,830	1,846	1,859	1,872	1,883	1,893	1,974
	El Jobean Water Association	898	904	930	954	977	998	1,017	1,035	1,051	1,066	1,080	1,092	1,195
	Sub-Service Area Total	105,091	107,806	116,434	123,721	130,102	136,167	141,821	146,994	151,785	156,261	160,447	164,364	208,168
West	West County	40,426	41,243	45,506	50,069	54,778	59,536	64,285	68,743	72,633	75,953	78,836	81,385	107,747
	Little Gasparilla Water	328	330	340	350	359	367	375	382	389	395	400	405	445
	Sub-Service Area Total	40,754	41,573	45,846	50,419	55,137	59,904	64,660	69,126	73,021	76,348	79,236	81,789	108,192
South	Burnt Stores-Lee County	1,934	1,937	1,956	1,975	1,995	2,017	2,042	2,071	2,105	2,145	2,194	2,253	5,932
	North Fort Myers Utility, Inc.	496	501	523	546	570	594	620	646	673	702	731	761	3,810
	South County	7,623	8,207	11,196	16,499	23,455	27,789	29,671	30,835	31,789	32,622	33,366	34,043	47,291
	Sub-Service Area Total	10,053	10,645	13,675	19,020	26,020	30,400	32,332	33,552	34,567	35,469	36,290	37,057	57,033
East	East County	3,917	3,979	4,294	4,619	4,953	5,293	5,641	5,995	6,355	6,723	7,097	7,479	20,048
CCU Service Area Permanent Total		159,815	164,003	180,250	197,779	216,212	231,764	244,454	255,666	265,729	274,801	283,071	290,689	393,442

Sub-Service Area	Seasonal Population													
		2024	2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	Buildout
Mid	Mid County	10,140	10,277	10,745	11,195	11,638	12,059	12,446	12,804	13,136	13,443	13,728	13,991	16,856
	U.S. Water Services Corporation	451	459	502	546	591	637	684	731	778	824	869	912	1,507
	Charlotte Harbor Water Association	782	811	941	1,051	1,166	1,304	1,425	1,507	1,565	1,615	1,661	1,707	2,478
	NHC Utilities	322	322	322	322	322	322	322	322	322	322	322	322	322
	Riverwood Development	605	607	618	629	638	647	655	662	668	674	680	684	723
	El Jobean Water Association	415	418	430	441	452	461	470	479	486	493	499	505	553
	Sub-Service Area Total	12,715	12,894	13,558	14,184	14,808	15,430	16,003	16,505	16,955	17,371	17,759	18,122	22,438
West	West County	8,330	8,488	9,324	10,241	11,208	12,199	13,194	14,117	14,897	15,537	16,076	16,542	21,785
	Little Gasparilla Water	618	622	642	660	677	693	707	721	733	744	754	763	839
	Sub-Service Area Total	8,948	9,111	9,966	10,901	11,884	12,892	13,902	14,838	15,630	16,281	16,830	17,305	22,624
South	Burnt Stores-Lee County	1,293	1,295	1,302	1,308	1,314	1,318	1,322	1,325	1,328	1,332	1,335	1,338	1,497
	North Fort Myers Utility, Inc.	75	76	80	83	87	90	94	98	102	107	111	116	579
	South County	1,567	1,721	2,392	3,571	4,803	5,338	5,550	5,688	5,799	5,891	5,968	6,034	6,921
	Sub-Service Area Total	2,935	3,092	3,773	4,962	6,203	6,747	6,966	7,111	7,230	7,330	7,414	7,488	8,997
East	East County	640	650	697	747	799	852	906	963	1,021	1,081	1,143	1,207	3,535
CCU Service Area Seasonal Total		25,239	25,747	27,995	30,794	33,694	35,921	37,777	39,416	40,836	42,063	43,146	44,122	57,595

Sub-Service Area	Transient Population													
		2024	2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	Buildout
Mid	Mid County	2,257	2,257	2,257	2,257	3,027	3,335	3,335	3,335	4,104	4,104	4,104	4,104	4,104
	U.S. Water Services Corporation	0	0	0	0	0	0	0	0	0	0	0	0	0
	Charlotte Harbor Water Association	2,062	2,062	2,062	2,511	2,511	2,511	2,960	2,960	2,960	2,960	2,960	2,960	2,960
	NHC Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0
	Riverwood Development	0	0	0	0	0	0	0	0	0	0	0	0	0
	El Jobean Water Association	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Service Area Total	4,319	4,319	4,319	4,768	5,538	5,846	6,295	6,295	7,064	7,064	7,064	7,064	7,064
West	West County	0	0	0	0	0	0	257	257	257	257	257	654	911
	Little Gasparilla Water	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-Service Area Total	0	0	0	0	0	0	257	257	257	257	257	654	911
South	Burnt Stores-Lee County	0	0	0	0	0	0	0	0	0	0	0	0	0
	North Fort Myers Utility, Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0
	South County	77	77	1,103	1,103	1,103	1,103	1,103	1,103	1,488	1,488	1,488	1,488	1,488
	Sub-Service Area Total	77	77	1,103	1,103	1,103	1,103	1,103	1,103	1,488	1,488	1,488	1,488	1,488
East	East County	0	0	0	0	0	0	0	0	0	0	0	0	0
CCU Service Area Transient Total		4,396	4,396	5,422	5,871	6,641	6,949	7,654	7,654	8,808	8,808	8,808	9,206	9,462

Table ## - Total CCU Service Area Population Estimate and Projections _Charlotte County Interactive Growth Model, Existing'

Service Area	2024 gpdpc	2025 through 2075 gpdpc	2024		2025		2030		2035		2040		2045		2050		2055		2060		2065		2070		2075	
			Population	Demand (MGD)	Population	Demand (MGD)	Population	Demand (MGD)	Population	Demand (MGD)	Population	Demand (MGD)	Population	Demand (MGD)	Population	Demand (MGD)	Population	Demand (MGD)	Population	Demand (MGD)	Population	Demand (MGD)	Population	Demand (MGD)	Population	Demand (MGD)
Mid County	88	88	112,179	9.87	114,854	10.11	123,130	10.84	130,084	11.45	136,810	12.04	157,443	13.85	164,118	14.44	169,793	14.94	175,804	15.47	180,696	15.90	185,270	16.30	189,550	16.68
West County	88	88	49,703	4.37	50,683	4.46	55,813	4.91	61,320	5.40	67,022	5.90	72,796	6.41	78,818	6.94	84,220	7.41	88,907	7.82	92,885	8.17	96,322	8.48	99,748	8.78
South County	88	88	12,493	1.10	13,237	1.16	17,949	1.58	24,456	2.15	32,669	2.87	38,249	3.37	40,402	3.56	41,766	3.68	43,284	3.81	44,287	3.90	45,193	3.98	46,032	4.05
East County	88	88	4,557	0.40	4,628	0.41	4,992	0.44	5,367	0.47	5,751	0.51	6,145	0.54	6,547	0.58	6,958	0.61	7,376	0.65	7,804	0.69	8,241	0.73	8,687	0.76
Total Finished Water Demand			178,932	15.75	183,403	16.14	201,883	17.77	221,227	19.47	242,252	21.32	274,633	24.17	289,885	25.51	302,737	26.64	315,373	27.75	325,672	28.66	335,025	29.48	344,017	30.27
Total Raw Water Demand*			--	20.99	--	21.52	--	23.69	--	25.96	--	28.42	--	32.22	--	34.01	--	35.52	--	37.00	--	38.21	--	39.31	--	40.36
2024 Projections - PRMRWSA			161,882	14.25	165,537	14.57	178,943	15.75	191,404	16.84	203,831	17.94	230,239	20.26	242,936	21.38	254,013	22.35	264,712	23.29	273,581	24.08	281,592	24.78	289,298	25.46