

Region M Water User Group (WUG) Needs or Surplus

WUG supplies and projected demands are entered for each of a WUG’s region-county-basin divisions. The needs shown in the WUG Needs/Surplus report are calculated by first deducting the WUG split’s projected demand from its total existing water supply volume. If the WUG split has a greater existing supply volume than projected demand in any given decade, this amount is considered a surplus volume. Surplus volumes are shown as positive values, and needs are shown as negative values in parentheses.

			Water Supply Needs or Surplus (acre-feet per year)					
WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Brownsville	Cameron	Nueces-Rio Grande	10,000	9,312	9,018	9,116	9,215	9,316
Combes	Cameron	Nueces-Rio Grande	402	397	395	396	397	398
East Rio Hondo WSC	Cameron	Nueces-Rio Grande	2,024	1,370	(118)	(639)	(921)	(1,216)
El Jardin WSC	Cameron	Nueces-Rio Grande	(184)	(209)	(222)	(218)	(214)	(210)
Harlingen	Cameron	Nueces-Rio Grande	6,128	5,808	5,669	5,712	5,752	5,793
La Feria	Cameron	Nueces-Rio Grande	513	598	690	893	1,196	1,400
Laguna Madre Water District	Cameron	Nueces-Rio Grande	2,875	2,768	2,726	2,742	2,759	2,777
Los Fresnos	Cameron	Nueces-Rio Grande	479	466	461	463	465	467
Military Highway WSC	Cameron	Nueces-Rio Grande	(49)	(135)	(173)	(158)	(142)	(125)
North Alamo WSC	Cameron	Nueces-Rio Grande	(126)	(143)	(150)	(147)	(145)	(143)
Olmito WSC	Cameron	Nueces-Rio Grande	339	307	288	276	263	248
Palm Valley	Cameron	Nueces-Rio Grande	30	25	23	24	25	26
Primera	Cameron	Nueces-Rio Grande	(25)	(185)	(295)	(379)	(471)	(522)
Rio Hondo	Cameron	Nueces-Rio Grande	499	497	496	496	497	497
San Benito	Cameron	Nueces-Rio Grande	597	1,030	1,980	2,090	2,300	2,311
Santa Rosa	Cameron	Nueces-Rio Grande	365	360	358	359	360	361
Valley MUD 2	Cameron	Nueces-Rio Grande	257	267	277	298	320	324
County-Other	Cameron	Nueces-Rio Grande	(2,434)	(1,561)	(638)	151	672	1,131
Manufacturing	Cameron	Nueces-Rio Grande	519	502	484	466	447	427

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			2030	2040	2050	2060	2070	2080
Livestock	Cameron	Nueces-Rio Grande	130	130	130	130	130	130
Irrigation	Cameron	Nueces-Rio Grande	(340,153)	(324,043)	(307,937)	(291,963)	(276,061)	(260,256)
Brownsville	Cameron	Rio Grande	62	54	52	52	53	55
El Jardin WSC	Cameron	Rio Grande	(1)	(2)	(2)	(2)	(2)	(2)
Military Highway WSC	Cameron	Rio Grande	(6)	(7)	(7)	(7)	(7)	(7)
Valley MUD 2	Cameron	Rio Grande	35	35	37	38	39	39
Steam Electric Power	Cameron	Rio Grande	0	0	0	0	0	0
Livestock	Cameron	Rio Grande	19	19	19	19	19	19
Irrigation	Cameron	Rio Grande	(21,923)	(20,894)	(19,864)	(18,844)	(17,831)	(16,823)
Agua SUD	Hidalgo	Nueces-Rio Grande	1,219	763	444	299	152	5
Alamo	Hidalgo	Nueces-Rio Grande	1,015	965	914	820	724	626
Donna	Hidalgo	Nueces-Rio Grande	919	803	720	661	603	545
Edcouch	Hidalgo	Nueces-Rio Grande	43	62	70	56	41	26
Edinburg	Hidalgo	Nueces-Rio Grande	(451)	(1,356)	(1,969)	(2,167)	(2,366)	(2,565)
Elsa	Hidalgo	Nueces-Rio Grande	60	109	133	97	60	23
Hidalgo	Hidalgo	Nueces-Rio Grande	216	308	252	211	170	128
Hidalgo County MUD 1	Hidalgo	Nueces-Rio Grande	62	48	34	18	0	(17)
La Joya	Hidalgo	Nueces-Rio Grande	(195)	(225)	(245)	(256)	(268)	(280)
La Villa	Hidalgo	Nueces-Rio Grande	11	(30)	(56)	(53)	(50)	(47)
McAllen	Hidalgo	Nueces-Rio Grande	(1,361)	(5,494)	(11,326)	(12,558)	(13,809)	(15,080)
Mercedes	Hidalgo	Nueces-Rio Grande	1,300	1,288	1,266	1,205	1,142	1,078
Military Highway WSC	Hidalgo	Nueces-Rio Grande	1,016	1,073	1,085	972	857	738
Mission	Hidalgo	Nueces-Rio Grande	335	(630)	(1,317)	(1,792)	(2,275)	(2,764)

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WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
North Alamo WSC	Hidalgo	Nueces-Rio Grande	(12,797)	(16,056)	(18,254)	(18,625)	(18,993)	(19,362)
Pharr	Hidalgo	Nueces-Rio Grande	(1,803)	(2,310)	(2,676)	(2,864)	(3,053)	(3,244)
San Juan	Hidalgo	Nueces-Rio Grande	1,418	1,354	1,291	1,172	1,051	927
Sharyland WSC	Hidalgo	Nueces-Rio Grande	1,532	125	(794)	(1,035)	(1,276)	(1,516)
Weslaco	Hidalgo	Nueces-Rio Grande	678	755	723	530	333	133
County-Other	Hidalgo	Nueces-Rio Grande	1	200	418	406	392	379
Manufacturing	Hidalgo	Nueces-Rio Grande	789	646	497	343	183	17
Mining	Hidalgo	Nueces-Rio Grande	1,309	1,279	1,253	1,225	1,197	1,166
Steam Electric Power	Hidalgo	Nueces-Rio Grande	0	0	0	0	0	0
Livestock	Hidalgo	Nueces-Rio Grande	57	73	73	73	73	73
Irrigation	Hidalgo	Nueces-Rio Grande	(414,119)	(393,058)	(371,993)	(351,157)	(330,482)	(309,879)
Agua SUD	Hidalgo	Rio Grande	192	170	155	148	141	134
Hidalgo	Hidalgo	Rio Grande	4	3	2	2	1	0
La Joya	Hidalgo	Rio Grande	(37)	(44)	(49)	(52)	(55)	(57)
Military Highway WSC	Hidalgo	Rio Grande	51	51	52	51	50	49
County-Other	Hidalgo	Rio Grande	(965)	103	1,279	1,210	1,139	1,066
Manufacturing	Hidalgo	Rio Grande	18	16	14	12	10	8
Mining	Hidalgo	Rio Grande	10	13	12	11	10	12
Livestock	Hidalgo	Rio Grande	71	55	55	55	55	55
Irrigation	Hidalgo	Rio Grande	(17,135)	(16,261)	(15,392)	(14,527)	(13,674)	(12,821)
Jim Hogg County WCID 2	Jim Hogg	Nueces-Rio Grande	938	946	958	970	983	995
County-Other	Jim Hogg	Nueces-Rio Grande	7	9	13	14	18	21
Manufacturing	Jim Hogg	Nueces-Rio Grande	10	8	6	4	2	0
Mining	Jim Hogg	Nueces-Rio Grande	0	0	0	0	0	0
Livestock	Jim Hogg	Nueces-Rio Grande	0	0	0	0	0	0

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WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Irrigation	Jim Hogg	Nueces-Rio Grande	0	9	19	28	38	47
County-Other	Jim Hogg	Rio Grande	7	7	7	8	8	8
Livestock	Jim Hogg	Rio Grande	2	2	2	2	2	2
Irrigation	Jim Hogg	Rio Grande	0	2	4	6	8	11
County-Other	Maverick	Nueces	3	4	5	5	5	6
Mining	Maverick	Nueces	(17)	(17)	(17)	(17)	(17)	0
Livestock	Maverick	Nueces	0	0	0	0	0	0
Eagle Pass	Maverick	Rio Grande	1,042	429	(92)	(559)	(1,023)	(1,486)
Maverick County	Maverick	Rio Grande	394	279	200	197	194	193
County-Other	Maverick	Rio Grande	9	66	102	125	141	151
Manufacturing	Maverick	Rio Grande	11	7	3	(1)	(5)	(9)
Mining	Maverick	Rio Grande	(3,587)	(3,588)	(3,589)	(3,591)	(3,658)	1,217
Livestock	Maverick	Rio Grande	0	0	0	0	0	0
Irrigation	Maverick	Rio Grande	(21,588)	(19,636)	(17,683)	(15,771)	(13,886)	(12,015)
County-Other	Starr	Nueces-Rio Grande	(8)	(10)	(14)	(25)	(37)	(48)
Mining	Starr	Nueces-Rio Grande	17	14	11	7	4	1
Livestock	Starr	Nueces-Rio Grande	57	57	57	57	57	57
Agua SUD	Starr	Rio Grande	8	7	6	6	6	5
El Sauz WSC	Starr	Rio Grande	(62)	(76)	(87)	(91)	(95)	(99)
El Tanque WSC	Starr	Rio Grande	(24)	3	25	41	56	69
La Grulla	Starr	Rio Grande	(867)	(961)	(1,035)	(1,082)	(1,130)	(1,178)
Rio Grande City	Starr	Rio Grande	(712)	(980)	(1,188)	(1,326)	(1,466)	(1,608)
Rio WSC	Starr	Rio Grande	(193)	(337)	(433)	(433)	(431)	(429)
Roma	Starr	Rio Grande	257	129	21	(67)	(156)	(247)
Union WSC	Starr	Rio Grande	(691)	(749)	(799)	(845)	(892)	(939)
County-Other	Starr	Rio Grande	(207)	(207)	(217)	(257)	(300)	(344)
Manufacturing	Starr	Rio Grande	15	12	9	6	3	0
Mining	Starr	Rio Grande	16	12	8	6	3	0
Livestock	Starr	Rio Grande	0	0	0	0	0	0
Irrigation	Starr	Rio Grande	(20,685)	(19,919)	(19,155)	(18,393)	(17,634)	(16,878)
Webb County	Webb	Nueces	76	2	(67)	(63)	(61)	(57)
County-Other	Webb	Nueces	(22)	(10)	2	2	2	2
Manufacturing	Webb	Nueces	30	28	27	26	24	23
Mining	Webb	Nueces	100	108	118	121	127	1,979
Livestock	Webb	Nueces	0	0	0	0	0	0

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County-Other	Webb	Nueces-Rio Grande	(198)	(90)	22	22	21	21
Livestock	Webb	Nueces-Rio Grande	0	0	0	0	0	0
Laredo	Webb	Rio Grande	18,143	16,682	16,180	16,625	17,075	17,530
Mirando City WSC	Webb	Rio Grande	41	40	40	40	40	41
Webb County	Webb	Rio Grande	752	241	(235)	(213)	(189)	(166)
County-Other	Webb	Rio Grande	(897)	(543)	(178)	(178)	(183)	(184)
Manufacturing	Webb	Rio Grande	39	38	36	34	33	31
Mining	Webb	Rio Grande	212	224	233	239	245	2,497
Steam Electric Power	Webb	Rio Grande	0	0	0	0	0	0
Livestock	Webb	Rio Grande	0	0	0	0	0	0
Irrigation	Webb	Rio Grande	(3,348)	(3,019)	(2,689)	(2,367)	(2,052)	(1,742)
Lyford	Willacy	Nueces-Rio Grande	402	411	418	424	428	431
North Alamo WSC	Willacy	Nueces-Rio Grande	36	(25)	(74)	(108)	(145)	(183)
Port Mansfield PUD	Willacy	Nueces-Rio Grande	(40)	(67)	(102)	(156)	(219)	(292)
Raymondville	Willacy	Nueces-Rio Grande	2,610	2,634	2,650	2,661	2,667	2,664
Sebastian MUD	Willacy	Nueces-Rio Grande	109	118	125	130	134	137
County-Other	Willacy	Nueces-Rio Grande	487	489	532	611	710	830
Mining	Willacy	Nueces-Rio Grande	0	0	0	0	0	0
Livestock	Willacy	Nueces-Rio Grande	112	112	17	17	17	17
Irrigation	Willacy	Nueces-Rio Grande	(76,349)	(73,167)	(69,985)	(66,821)	(63,674)	(60,532)
Falcon Rural WSC	Zapata	Rio Grande	239	253	264	271	277	282
Siesta Shores WCID	Zapata	Rio Grande	156	154	154	157	159	161
Zapata County	Zapata	Rio Grande	505	484	483	502	522	542
Zapata County San Ygnacio & Ramireño	Zapata	Rio Grande	221	231	239	245	249	253
Zapata County WCID-Hwy 16 East	Zapata	Rio Grande	341	339	339	341	342	344
County-Other	Zapata	Rio Grande	23	3	(11)	(20)	(26)	(32)
Mining	Zapata	Rio Grande	2	2	2	2	2	2

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WUG Name	County	Basin	2030	2040	2050	2060	2070	2080
Livestock	Zapata	Rio Grande	0	0	0	0	0	0
Irrigation	Zapata	Rio Grande	(3,713)	(3,551)	(3,388)	(3,227)	(3,066)	(2,908)

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