Texas Water Development Board
Groundwater Database Reports

groundwater resources division

Water Quality Publication Report
County: Maverick

State Well Number	Aquifer	Depth	Date	B/U	pH	Silica	Calcium	Magnesium	Sodium	Potassium	Carbonate	Bicarb.	Sulfate	Chloride	Fluoride	Nitrate	Dissolved Solids	Spec. Cond umhos	Hardness as CaCO3	% Sodium	SAR	RSC
7059901																						
	111RGRD	13	7 / 28/ ####	B	7.03	17.9	106	26	c 61.77	3.2	0	295.32	67	158.3	0.5	1.9	587	1139	371	26	110.2	0
7060501																						
	110AVTY	100	7 / 19/ ####	U	6.7						0	302.08	42	84				848				
7060801																						
	100ALVM	25	7 / 19/ ####	U	7						0	272.08	39	86			484	806				
	100ALVM	25	5 / 17/ ####	B	6.95	34	105	17	88	5	0	323.39	45	109	0.51	82.74	647	884	334	36	2.1	0
7064401																						
	100ALVM	85	8 / 18/ ####	B	7.6	17	82	4.7	c 31		0	260.07	25	32	0.1	9	328	565	223	23	0.9	0
	100ALVM	85	5 / 26/ ####	B	7.09	20	89	6	20	6	0	284.34	24	19	0.15	1.1	325	475	247	14	0.55	0
	100ALVM	85	4 / 13/ ####	B	7.02	20.2	73.7	5.53	19.4	5	0	269.7	24.7	19.1	0.12	1.23	302	493	207	16	0.59	0.29
7603302																						
	111RGRD	31	7 / 20/ ####	B	6.93	30.8	102	42	c 250.88	1.6	0	333.15	523.3	103.9	0.8	10.63	1229	1812	427	56	112.78	0
7603304																						
	111RGRD	30	7 / 21/ ####	B	6.82	35.2	184	58	c 224.02	1.8	0	403.93	574.6	169.5	0.3	22.59	1468	1786	697	41	104.04	0
7603305																						
	111RGRD	30	7 / 21/ ####	B	6.85	33.1	99	41	c 196.64	3.9	0	301.43	395.2	80.8	0.5	92.59	1090	1743	415	50	231.8	0
7603306																						
	111RGRD	30	7 / 28/ ####	U	6.81	52.7	220	128		2.8	0	576		349.9	1.5	2.08		2350	1075		72.28	0
7603308																						
	111RGRD	25	8 / 3 / ####	B	6.86	43	308	51	256	7.4	0	355.12	677	378	0.72	3.94	1903		982	36	3.56	0
7603309																						
	111RGRD	25	7 / 22/ ####	B	6.88	43.3	104	42	c 274.36	3.2	0	375.87	484.9	154.3	0.6	1.33	1292	1970	432	57	86.46	0
7603310																						
	111RGRD	25	7 / 22/ ####	B	6.86	34.1	94	62	c 216.78	2.4	0	389.29	481.2	83.1	0.9	30.57	1196	1835	489	49	110.11	0
7603312																						
	111RGRD	40	7 / 27/ ####	B	6.77	62	351	70	264	6.3	0	317.29	654	452	0.68	#####	2208		1169	33	3.37	0
7603315																						
	111RGRD	45	7 / 22/ ####	B	6.87	46	261	52	227	4.8	0	319.73	563	338	0.71	82.96	1736	1995	869	36	3.36	0
7603317																						
	111RGRD	30	7 / 22/ ####	B	6.89	24.6	86	32	c 213.02	3.4	0	336.82	369.5	104.6	0.5	5.32	1004	1833	346	57	144.54	0
7603601																						
	111RGRD	40	7 / 29/ ####	B	6.8	42	253	53	256	6.6	0	384.41	554	356	0.66	16.16	1729		853	39	3.82	0
7603602																						
	111RGRD	40	7 / 29/ ####	B	6.83	22.2	236	58	c 18.7	6.9	0	325.83	163.2	330.1	0.19	4.91	1000	2030	827	4	0.28	0
7603603																						
	111RGRD		7 / 23/ ####	B	7.26	17.8	90	20	c 43.98	2.3	0	223.32	173.7	27.7	0.7	0.89	486	1149	306	23	29.84	0

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State Well Number	Aquifer	Depth	Date	B/U	pH	Silica	Calcium	Magnesium	Sodium	Potassium	Carbonate	Bicarb.	Sulfate	Chloride	Fluoride	Nitrate	Dissolved Solids	Spec. Cond umhos	Hardness as CaCO3	% Sodium	SAR	RSC
7603605																						
	111RGRD	30	7 / 23/ ####	B	7.23	25	124	21	143	3.2	0	217.22	301	169	0.9	5.31	900	1244	397	44	3.13	0
7603607																						
	111RGRD	21	7 / 23/ ####	B	6.82	51.5	200	54	c 96.22	3.7	0	336.82	358.6	156.8	0.7	53.16	1140	1960	721	22	109.34	0
7603616																						
	111RGRD	36	7 / 23/ ####	B	6.8	29.7	186	36	c 153.95	3.2	0	350.24	451.9	136	0.6	< 0.11	1169	2020	612	35	61.08	0
7603621																						
	111RGRD	36	7 / 23/ ####	B	6.86	57.1	188	53	c 4.66	1.5	0	290.44	307.3	84.6	0.4	25.69	865	1839	687	1	58.66	0
7604102																						
	111RGRD	35	8 / 3 / ####	B	7.24	14.91	22.5	100	c 34.96	3.7	0	228.2	#####	81.87	1.26	1.06	604	1180	467	13	0.7	0
7604103																						
	111RGRD	20	8 / 3 / ####	B	7.37	20	74	18	c 150.1	4.3	0	189.15	249.5	84.6	0.17	< 0.11	693	948	258	55	4.06	0
7604201																						
	100ALVM	20	7 / 19/ ####	U	6.8						0	398.11	11	12				697				
7604301																						
	100ALVM	100	5 / 23/ ####	B	7.02	36	88	9.3	45	4.2	0	353.9	17	29	0.7	21.16	425		259	27	1.22	0.64
7604401																						
	111RGRD	40	8 / 4 / ####	B	7.14	18.5	100	26	c 175.17	3.7	0	262.37	333.6	126.3	0.67	< 0.11	913	1267	356	51	4.04	0
7604402																						
	111RGRD	18	## / 15/ ####	B	7.24	18	118	36	c 238.82	2.5	0	192.81	387	281	1.07	8.42	1185	1436	442	53	4.94	0
	111RGRD	18	## / 15/ ####	B	7.24	26	141	28	175	4.2	0	207.46	302	253	0.98	57.6	1093	1436	471	44	4.94	0
7604403																						
	111RGRD	30	## / 15/ ####	B	6.87	35.9	126	36	c 326.4	3	0	300.21	475	306	1.9	2.66	1460	1726	462	60	6.6	0
	111RGRD	30	## / 15/ ####	B	6.87	49	188	33	245	5	0	324.61	448	301	1.97	0.84	1437	1726	612	46	6.6	0
7604404																						
	111RGRD	32	8 / 4 / ####	B	7.36	15.2	86	20	c 152.73	3	0	198.92	274.7	106	0.5	< 0.11	756	903	296	52	3.86	0
7604405																						
	111RGRD	32	8 / 4 / ####	B	7.01	27	208	46	207	7.6	0	264.82	429	294	0.9	32.58	1385	1723	711	38	3.38	0
7604409																						
	111RGRD	30	8 / 4 / ####	B	7.05	20.7	82	30	c 154.46	4.9	0	261.15	278.9	107	0.66	16.38	823	1114	328	50	3.71	0
7604412																						
	111RGRD	25	8 / 4 / ####	B	6.84	15.6	184	38	c 192.42	6.2	0	361.22	478	174.6	0.28	1.55	1268		615	40	3.37	0
7604416																						
	111RGRD	20	## / 15/ ####	B	6.95	23.7	100	45	c 423	4.5	0	346.58	550	341	1.88	28.4	1687	2010	434	67	8.83	0
	111RGRD	20	## / 15/ ####	B	6.95	42	172	41	319	7.1	0	377.09	536	312	2	38.12	1659	2010	602	53	8.83	0
7604702																						
	111RGRD	28	8 / 5 / ####	B	6.88	20.3	230	56	c 255.52	6.6	0	289.22	652.3	301.1	0.39	33.23	1697	2220	804	40	3.92	0
7604705																						
	111RGRD	43	## / 14/ ####	B	6.86	26.2	113	40	c 362.65	8.5	0	349.02	600	212.5	1.07	43	1578	1790	446	63	7.47	0
	111RGRD	43	## / 14/ ####	B	6.86	32	245	39	240	10	0	378.31	534	231	1.07	88.5	1608	1790	774	40	7.47	0
7604719																						
	111RGRD	22	8 / 4 / ####	B	6.88	36.5	182	56	c 558.55	8.6	0	446.64	#####	317.9	1.04	50.06	2442		685	64	9.29	0
7604723																						
	111RGRD	42	7 / 30/ ####	B	6.86	34	256	56	273	13	0	384.41	659	285	1.17	#####	1890		872	40	4.03	0

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7604801																						
	111RGRD	36	7 / 9 / ####	B	7		134	31	340	3	0	274.58	558	278	1.45	19.48	1499	2912	461	61	6.82	0
	111RGRD	36	8 / 6 / ####	B	7.16	29.5	126	32	c 339.7	3.2	0	283.12	625.7	203.5	0.37	22.58	1521	2912	446	62	7	0
7604803																						
	111RGRD	22	8 / 6 / ####	B	7.13	10.5	100	16	c 106.18	5.2	0	196	214.4	94.8	0	< 0.11	643	992	315	42	2.6	0
7604807																						
	111RGRD	35	8 / 6 / ####	B	7.32	19.5	90	26	c 137.57	7.3	0	211	262.3	106	0.43	6.65	759	1154	331	47	3.29	0
7605301																						
	110AVTY	105	7 / 21/ ####	U	7.4						0	262.07	1300	200				3140				
7607401																						
	211CRCSU	825	5 / 25/ ####	B	8.81	13	1.9	0.84	478	2.2	22.8	455.19	271	256	0.54	< 0.04	1270	1932	8	99	72.63	8.06
7607402																						
	211CRCSU	530	5 / 25/ ####	B	8.86	13	2.1	0.89	539	2.4	0	446.65	346	300	0.62	0.04	1423		9	99	78.59	7.14
7607802																						
	124WLCX	80	8 / 18/ ####	B	7.2	29	134	7.2	c 87		0	340.1	146	86	0.2	0.2	656	1050	363	34	1.98	0
7607901																						
	124CRRZ	100	8 / 21/ ####	B	7.2	30	187	16	145	6	0	248.95	92	373	0.7	30	1002	2052	532	37	2.73	0
7607911																						
	124CRRZ	100	3 / 7 / ####	B	7.3	27	80	7.2	57	4	0	251.39	22	85	0.4	2	408	760	229	35	1.64	0
	124CRRZ	100	7 / 20/ ####	B	7.3	27	87.2	9.35	74	4	0	248.95	31	124	0.4	2.5	481	912	256	38	2.01	0
	124CRRZ	100	7 / 24/ ####	B	7.4	24	88	8.9	75	2	0	242.85	36	124	0.5	7	484	918	256	38	2.04	0
	124CRRZ	100	7 / 9 / ####	B	7.6	24	79	5.35	70		0	246.51	26	100	0.4	1.8	427	834	219	40	2.06	0
	124CRRZ	100	7 / 22/ ####	B	7.5	24	72	6.7	64		0	247.73	24	84	0.3	< 0.4	397	745	207	40	1.93	0
	124CRRZ	100	7 / 7 / ####	B	7.6	27	110	8.6	108	6	0	253.83	66	200	0.4	11.4	662	1305	309	43	2.67	0
7607919																						
	124CRRZ	96 *	9 / 3 / ####	B	8.1	8	73	0.7	28		0	135.46	9	81	0.4	12	278	548	185	24	0.9	0
7607923																						
	124CRRZ	100	3 / 24/ ####	B	6.99	29	120	16	147	6.6	0	328.27	90	223	0.39	5.53	800	1259	366	46	3.35	0
7607924																						
	124CRRZ	85	3 / 24/ ####	U	7.27		128	34			0	246.51	350	970		10		3894	459			0
7608407																						
	124CRRZ	107	3 / 24/ ####	B	7.13	35	99	12	68	7.2	0	285.56	66	101	0.23	13.5	542	823	297	33	1.72	0
	124CRRZ	107	## / 16/ ####	B	7.09	38.4	87.4	12.2	78.1	6.11	0	266.04	54.8	111	< 0.3	11.82	530	892	268	38	2.07	0
	124CRRZ	107	5 / 16/ ####	B	7.13	36.6	80.3	11.7	88.2	5.39	0	285.56	73.6	105	0.26	13.77	555	994	249	43	2.43	0
7608704																						
	124CRRZ	148	8 / 21/ ####	B	7.4	30	92	12	96	5	0	295.32	60	128	0.5	10	578	1096	278	42	2.5	0
	124CRRZ	148	2 / 7 / ####	B	7.8	26	306	100	482	8	0	275.8	517	1073	0.5	< 0.04	2648	5544	1174	47	6.12	0
7612301																						
	100ALVM	30	7 / 19/ ####	B	7.5	52	90	11	c 94		0	323.09	72	80	0.9	23	581	919	269	43	2.49	0
	100ALVM	30	5 / 16/ ####	B	6.74	53	144	15	105	5.4	0	335.6	107	174	0.88	40.24	810		422	35	2.23	0
7612302																						
	100ALVM	115	5 / 17/ ####	B	6.85	51	218	39	197	6.2	0	281.9	138	574	0.8	24.65	1391	1843	709	37	3.23	0
7612601																						
	100ALVM	150	7 / 18/ ####	B	7	56	188	46	c 310		0	212.06	202	650	1.1	34	1591	2790	658	50	5.26	0

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7612602																						
	100ALVM	12	5 / 19/ ####	B	6.9	38	103	17	196	15	0	411.26	88	202	1.44	34.35	899	1327	329	56	4.72	0.2
7612901																						
	211NVTY	250	7 / 20/ ####	B	6.7	19	345	160	c 1380		0	399.11	2010	1480	1.2	4.8	5596	7620	1519	66	15.4	0
7612902																						
	111RGRD	85	5 / 17/ ####	B	6.95	43	178	53	220	5.5	0	367.32	541	221	1.6	24.49	1470	1745	665	41	3.72	0
	111RGRD	85	## / 8 / ####	B	6.89	57.5	244	67.9	251	2.26	0	320.95	723	291	0.93	44.71	1843	2730	892	38	3.66	0
7613401																						
	100ALVM	25	7 / 19/ ####	U	6.9						0	362.1	299	218				1740				
7613402																						
	111RGRD	150	## / 7 / ####	B	7.18	56.7	277	42.1	746	5.48	0	296.54	690	1159	< 0.3	21.83	3151	5130	872	65	11.04	0
7615101																						
	211NVTY	130	5 / 24/ ####	B	6.69	29	122	7.7	81	5.5	0	392.95	122	75	0.2	1.63	638		337	34	1.92	0
7615302																						
	124CRRZ	180	4 / 9 / ####	B	7.7	22	97	18	118	4	0	288	136	147	0.6	< 0.4	684	1272	316	44	2.89	0
	124CRRZ	180	8 / 2 / ####	B	8	19	66	14	160		0	298.98	173	110	0.8	< 0.4	690	1248	222	61	4.67	0.45
7615303																						
	124CRRZ	140	5 / 24/ ####	B	6.31	35	33	6.1	39	8.5	0	135.46	36	44	0.29	1.54	270		107	44	1.64	0.07
7616701																						
	124CRRZ		8 / 2 / ####	B	8	18	91	23	308		0	439.32	386	176	1	< 0.4	1219	2240	321	67	7.47	0.77
7621401																						
	111RGRD	8	5 / 19/ ####	B	7.21	14	123	19	143	2.9	0	237.97	283	147	1.72	0.13	853		388	44	3.17	0
7621701																						
	111RGRD	34	5 / 19/ ####	B	6.86	34	299	62	296	8.8	0	372.21	787	398	0.4	5.31	2077		1005	39	4.07	0
7623301																						
	124CRRZ	140	4 / 8 / ####	B	7.8	17	178	46	317	7	0	412.48	416	410	0.9	< 0.4	1595	3066	633	52	5.48	0
7638701																						
	111RGRD	10	## / 8 / ####	B	6.84	40.6	270	43.2	291	4.36	0	358.78	765	318	1.55	2.13	1915	2990	855	42	4.34	0
7639601																						
	124WLCX	75	7 / 26/ ####	U	7						0	431.12	33	124				1130				
7647101																						
	124WLCX	300	5 / 24/ ####	B	6.94	21	313	57	1570	12	0	452.75	1699	1971	0.95	1.32	5879		1028	77	21.43	0
7647401																						
	124WLCX	329	7 / 20/ ####	U	8.6						45	476	1230	710				5130				
7647404																						
	100ALVM	200	5 / 25/ ####	B	8.67	11	3.3	1	378	4.4	10.8	368.54	253	169	1.88	0.04	1013		12	98	46.79	6.15
7655301																						
	124WLCX	196	5 / 25/ ####	B	7.95	17	13	5.1	564	6.8	0	392.95	268	471	0.93	1.72	1541	2300	54	95	33.57	5.37
	124WLCX	196	9 / 16/ ####	B	8.06	21.6	8.56	3.5	258	4.69	0	329.49	53	156	0.73	< 0.44	669	1188	36	94	18.77	4.69

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