Texas Water Development Board
Groundwater Database Reports

groundwater resources division

Water Quality Publication Report
County: Cottle

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
1248501																						
	313BLIN	230	6 / 7 / ####	B	7.6	8	597	183	458		0	159.87	2240	538	0.6	0.7	4103	7704	2242	30	4.21	0
1248802																						
	313BLIN	120	5 / 13/ ####	B	7.17		627	175	157	12	0	289.22	1995	299	0.38	31.7	3448	3830	2294	13	1.43	0
	313BLIN	120	## / 24/ ####	B	7	8.9	598	238	191	7.9	0	259.93	#####	351.4	1.04	35.84	3699		2481	14	1.67	0
	313BLIN	120	## / 26/ ####	B	7.15	16.4	603	190	175	7.94	0	236.74	2100	279	0.44	32.36	3530	3900	2299	14	1.59	0
1248803																						
	313BLIN	165	## / 26/ ####	B	6.73	14.7	594	298	216	9.68	0	255.05	2450	380	0.8	88.1	4187	4660	2723	15	1.8	0
1253201																						
	313WTRS	170	6 / 6 / ####	B	7.6	12	575	135	61		0	64.68	1908	89	0.7	5	2817	5096	1989	6	0.59	0
	313WTRS	170	7 / 21/ ####	B	7.6	7	50	379	63		0	43.93	1635	85	0.5	3.23	2244	4508	1684	7	0.67	0
1253901																						
	313WTRS	221	6 / 6 / ####	B	7.5	18	565	121	50		0	78.1	1856	45	0.7	6	2700	4872	1907	5	0.5	0
1254901																						
	112SYMR	80	6 / 25/ ####	B	6.89	29	76	16	155	2.3	0	411.26	93	53	0.36	#####	755		255	56	4.22	1.63
	112SYMR	80	4 / 8 / ####	B	7.46	26.1	61.3	12.4	158	2.11	0	405.15	72.9	22.5	0.29	95.18	650	920	204	62	4.81	2.56
	112SYMR	80	9 / 13/ ####	B	7.47	33.6	48.8	10.9	144	1.45	0	411.26	62.6	19.7	0.3	38.38	562	1005	166	65	4.85	3.41
1255601																						
	313BLIN	225	4 / 10/ ####	B	6.97	17.2	549	101	53.3	5.03	0	190.37	1624	49.9	0.49	7.3	2506	2860	1792	6	0.55	0
1262101																						
	313WTRS	165	6 / 6 / ####	B	7.6	17	517	125	43		0	56.14	1779	39	0.5	1.9	2550	4346	1804	4	0.44	0
	313WTRS	165	3 / 18/ ####	U	7.34	21	502	103	57	6	0	115.93	1756	37	0.62	56	2600		1682	6	0.61	0
1262102																						
	313WTRS	175	6 / 6 / ####	B	8	26	280	53	44		0	170.85	817	22	0.4	11	1337	2289	916	9	0.63	0
	313WTRS	175	7 / 21/ ####	B	8	26	257	44	45		0	179.39	713	24	0.4	15.82	1213	2205	822	10	0.68	0
1262103																						
	110ALVM	85	3 / 18/ ####	U	7.48	29	69	10	27	2.3	0	240.41	40	15	0.96	56	367		213	21	0.8	0
	110ALVM	85	## / 21/ ####	B	7.25	34	74.7	13.9	33.1	1.42	0	266.04	28.5	28	1.08	54.45	400	593	244	22	0.92	0
1262501																						
	112SYMR	271	## / 8 / ####	B	8	27	57	16	70	2	0	300.21	38	19	0.3	74.96	451	755	207	42	2.11	0.76
1262503																						
	112SYMR	238	6 / 25/ ####	B	7.01	26	85	16	55	2.9	0	274.58	119	15	0.32	37.41	491		278	30	1.44	0
	112SYMR	238	4 / 9 / ####	B	7.28	24.9	102	30	43.2	2.82	0	280.68	183	12	0.3	21.69	558	780	378	19	0.97	0
1262510																						
	112SYMR	265	6 / 25/ ####	B	7.14	25	163	39	39	3.7	0	223.32	389	21	0.42	21.69	812		568	13	0.71	0
1262601																						
	313BLIN	118	7 / 28/ ####	B	7.11	21.6	537	200	250	4.8	0	178.17	1930	423	0.72	58.88	3518	3730	2170	20	2.33	0

* Depth value here reflects the bottom of the SAMPLED INTERVAL which was different from the completed well depth

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
1262602																						
	313BLIN	120	7 / 28/ ####	B	7.09	22.5	164	81	323	2.2	0	312.4	798	236	1.89	69.95	1853	2480	744	49	5.15	0
1262801																						
	112SYMR	180	6 / 25/ ####	B	7	25	155	19	67	2.9	0	286.78	309	21	0.33	29.75	770		465	23	1.35	0
1263406																						
	313BLIN	220	4 / 8 / ####	B	6.85	12.9	586	178	327	9.96	0	205.02	2054	416	0.05	0.66	3695	4610	2206	24	3.04	0
1263702																						
	313BLIN	115	7 / 28/ ####	B	6.83	18.3	573	259	231	3.5	0	289.22	2520	192	0.82	3.19	3952	3600	2508	17	2.01	0
1263901																						
	313BLIN	120	## / 28/ ####	B	6.81	16.7	606	95.3	23	3.16	0	234.3	1760	24.8	0.47	6.46	2657	2690	1913	3	0.22	0
1263902																						
	313BLIN	80	## / 28/ ####	B	6.68	15.4	833	171	1350	8.36	0	211.11	2140	2720	0.7	2.41	7356	10360	2797	51	11.13	0
1264202																						
	313BLIN	163	## / 27/ ####	B	7.03	14.7	604	140	84.9	6.17	0	240.4	1750	110	0.66	13.06	2850	3200	2094	8	0.8	0
1264501																						
	313BLIN	90	## / 27/ ####	B	6.89	15.6	584	140	58	5.34	0	192.81	1960	51.9	0.84	7.39	2926	3010	2045	6	0.55	0
1264801																						
	313BLIN	150	6 / 7 / ####	B	8	19	186	44	36		0	269.7	434	25	0.5	33	910	1600	645	10	0.62	0
1264802																						
	313BLIN	120	## / 24/ ####	B	7.16	8.5	628	98.7	30.4	< 1.4	0	229.43	1755	36.8	1.15	10.07	2688		1979	3	0.3	0
	313BLIN	120	## / 27/ ####	B	7.01	17.1	603	104	35	3.67	0	241.62	1590	34.1	0.66	9.16	2522	2790	1941	4	0.34	0
1264803																						
	313BLIN	100	## / 27/ ####	B	7.05	16.3	585	123	40.3	4.49	0	230.64	1800	27.4	0.66	4.29	2723	2860	1976	4	0.39	0
2205401																						
	110ALVM	11	3 / 19/ ####	B	7.04	21	326	63	80	24	0	352.68	942	62	1.2	0.17	1695		1075	13	1.06	0
	110ALVM	11	## / 21/ ####	B	7.1	30.7	185	41.9	58.2	8.29	0	306.31	427	53.1	1.24	0.71	958	1360	636	16	1.01	0
2205601																						
	313WTRS	75	6 / 6 / ####	B	7.7	21	483	169	46		0	84.2	1756	56	0.5	5.5	2578	4469	1900	5	0.46	0
	313WTRS	75	7 / 21/ ####	B	7.9	18	483	133	49		0	102.51	1680	51	0.5	2.79	2467	4592	1752	5	0.51	0
2206909																						
	313BLIN	295	7 / 28/ ####	B	6.83	16.1	595	169	389	7.1	0	161.08	1970	650	0.77	18.64	3903	4150	2191	28	3.62	0
2207401																						
	313BLIN	120	7 / 29/ ####	B	7.02	11.4	555	378	664	26.2	0	219.66	2830	897	< 0.5	26.38	5507	5880	2956	33	5.32	0
2207701																						
	313BLIN	210	7 / 28/ ####	B	6.82	17.8	420	110	157	4.9	0	224.54	1260	253	0.62	24.7	2364	2710	1509	19	1.76	0
2207801																						
	313BLIN	100	7 / 29/ ####	B	6.84	15.3	569	127	476	7.6	0	213.56	1830	724	0.68	8.68	3872	4310	1954	35	4.69	0
2214105																						
	313BLIN	286	5 / 14/ ####	B	7.44		588	114	245	13	0	209.9	1992	266	0.65	0.08	3333	2720	1948	21	2.42	0
	313BLIN	286	4 / 9 / ####	B	7.13	15.1	582	118	225	7.74	0	229.43	1819	238	0.23	0.92	3127	3260	1947	20	2.22	0

* Depth value here reflects the bottom of the SAMPLED INTERVAL which was different from the completed well depth