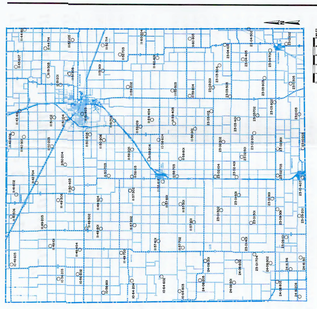


HALE COUNTY

Well Number	Depth to Water Below Land Surface in Feet 1989	1994	1998	1999	Total Change in Water Levels in Feet 1989 to 1999	1994 to 1999	1998 to 1999
10-49-605	N/A	N/A	N/A	212.20	N/A	N/A	- 0.63
10-56-203	N/A	N/A	215.18	218.88	N/A	- 3.70	- 3.70
10-56-601	202.90	214.56	248.39	249.81	- 46.91	- 35.25	- 1.42
10-57-401	N/A	N/A	229.54	230.09	N/A	- 0.55	- 0.55
10-57-604	N/A	N/A	263.83	266.83	N/A	- 3.00	- 3.00
10-58-203	N/A	N/A	201.60	201.60	N/A	- 11.90	N/A
10-58-601	177.05	189.70	201.05	204.55	- 27.50	- 14.85	- 3.50
10-58-604	N/A	N/A	219.62	219.49	N/A	N/A	+ 0.13
10-59-203	186.34	201.80	208.62	212.58	- 26.24	- 10.78	- 3.96
10-59-601	N/A	N/A	237.57	249.12	N/A	- 11.55	- 11.55
10-59-604	N/A	N/A	249.12	249.47	N/A	- 0.35	- 0.35
10-59-605	N/A	N/A	214.56	215.10	N/A	N/A	- 0.54
10-59-901	N/A	N/A	217.20	219.93	N/A	N/A	- 2.73
10-59-903	N/A	N/A	N/A	233.08	N/A	N/A	N/A
10-59-904	N/A	N/A	N/A	233.03	N/A	N/A	N/A
10-59-905	N/A	N/A	N/A	233.08	N/A	N/A	N/A
10-59-906	N/A	N/A	N/A	233.08	N/A	N/A	N/A
10-59-907	N/A	N/A	240.95	251.32	25.28	12.04	- 1.71
10-59-908	N/A	N/A	222.83	223.54	N/A	N/A	- 0.71
10-59-909	N/A	N/A	243.15	253.26	26.30	- 14.15	- 4.04
10-59-910	N/A	N/A	247.35	253.26	N/A	- 14.15	- 4.04
10-59-911	N/A	N/A	N/A	253.28	N/A	N/A	N/A
10-59-912	N/A	N/A	N/A	253.28	N/A	N/A	N/A
10-59-913	N/A	N/A	N/A	253.28	N/A	N/A	N/A
10-59-914	N/A	N/A	189.70	195.95	20.58	8.33	- 6.25
10-59-915	N/A	N/A	212.28	212.28	- 22.58	- 16.53	- 3.30
10-59-916	N/A	N/A	174.94	174.94	N/A	N/A	N/A
10-59-917	N/A	N/A	163.28	172.89	N/A	- 11.66	- 2.05
10-59-918	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10-59-919	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10-59-920	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Texas Supreme Court upholds "rule of capture" ground water law

Area underground water conservation district managers are praising the Texas Supreme Court's unanimous May 6 decision to uphold the state's 95-year-old "rule of capture" law for ground water use. While they are pleased with the decision, they remain cautious about the Court's ruling, which leaves open the possibility of future changes in ground water law if the water law reform contained in Senate Bill 1 does not achieve its desired effect.

"We are pleased that the Supreme Court ruling recognized that the people of Texas have voted to place the responsibility for ground water regulation in the hands of the state legislature," said A. Wayne Wyatt, manager of the High Plains Underground Water Conservation District No. 1 in Lubbock. "The justices chose to allow time for the provisions of Senate Bill 1 to work."

He added that a future ruling by the court will almost certainly have a different outcome if Texas ground water conservation districts fail to provide for the conservation, preservation, protection, recharging, and prevention of waste of ground water.

In the original lawsuit, Henderson County landowners Bart Sipriano, Harold Fain, and Doris Fain (Sipriano) sued Great Spring Waters of America (Ozarka) for negligently draining their water wells. According to Sipriano's allegations, Ozarka began pumping 90,000 gallons of ground water per day, seven days a week, from land near Sipriano's. The suit alleged that Sipriano's wells were severely depleted as soon as pumping began.

Ozarka asserted that drought conditions and local water use–not the company–lowered the ground water levels of the Carrizo Aquifer. Ozarka's defense was the supremacy of the state's "rule of capture" ground water law. The law, first stated in 1904 by the Texas Supreme Court, states that a landowner may pump as much ground water as desired from their tract(s) of land.

The District Court in Henderson County issued a summary judgement in December 1996, saying that the "rule of capture" barred the local landowners' claim. The landowners appealed, but the Court of Appeals for the Twelfth District of Texas affirmed the lower court's decision in 1998.

The plaintiffs asked the Texas Supreme Court to change Texas ground water law from the "rule of capture" to a "reasonable use rule," such as has been adopted in Ohio.

An amici curiae brief filed by six underground water conservation districts in the Texas High Plains contended that such a change in the 95-year-old Texas water law was not necessary. The amici curiae brief by attorney Gary R. McLaren of McWhorter, Cobb, and Johnson LLP describes the Texas Legislature's efforts to incorporate concerns for reasonable ground water use into the "rule of capture" through the creation of underground water conservation districts, which are empowered to reduce well interference, incorporate consideration of reasonable and beneficial water use, conserve aquifers, and protect ground water ownership rights.

Justice Craig Enoch, writing for the court, said the case presents "compelling reasons for ground water use to be regulated," but that a sweeping change from the "rule of capture" law to a "reasonable use rule" would be inappropriate just two years after the passage of Senate Bill 1 by the 75th Texas Legislature in 1997. Senate Bill 1 declares local ground water districts to be the preferred method of managing ground water in Texas.

"It would be improper for courts to intercede at this time by changing the common-law framework within which the Legislature has attempted to craft regulations to meet this state's ground water conservation needs...It is more prudent to wait and see if Senate Bill 1 will have its desired effect, and to save for another day the determination of whether further revising the common law is an appropriate prerequisite to preserve Texas' natural resources and protect property owners' interests," wrote Justice Enoch.

The ground water conservation districts in the Texas High Plains region include the High Plains Underground Water District at Lubbock, the North Plains Underground Water Conservation District at Dumas, the Panhandle Groundwater Conservation District at White Deer, the Sandy Land Underground Water Conservation District at Plains, the Mesa Underground Water Conservation District at Lamesa, and the South Plains Underground Water Conservation District at Brownfield.

Dry conditions may force producers to "retool" their farm strategies

Most cotton producers on the Texas Plains saw their crop management strategies lead to naught last year, due to the withering drought.

If dry conditions persist this year, producers should think about "retooling" their strategies, two agronomists and an irrigation specialist told farmers at a March crops conference in Lubbock.

"I wouldn't be too pessimistic about the chances for a repeat of last year's drought...not yet anyway," said Dr. Dan Krieg, South Plains farmer and a Texas Tech University professor of plant and soil science. "We didn't receive much winter rainfall, but we normally average less than 5 inches of rainfall from November through April in the Lubbock area.

"What we count on is getting up to 13 inches of rain between May and October, right during the cotton growing season. But even in the best rainfall years, keep in mind that our evaporation potential is four times greater than our normal average rainfall."

Krieg said producers should water their crop wisely and do all they can to preserve the moisture stored in the soil.

"Cotton reaches its peak water demand 90 to 100 days into the growing season, when the crop is in peak bloom," he added. "With average rainfall and a well capable of pumping 3 gallons per minute per acre, we can meet that water requirement.

"But there is no benefit in watering beyond peak bloom. In fact, research on the South Plains has shown that watering after peak bloom, when the first bolls begin to open, actually lowers the crop's yield potential."

Retrofitting center pivot sprinklers to maximize irrigation efficiency and increase a crop's water use efficiency also aids crop survival during dry years, said Dr. Leon New, a Texas A&M professor of ag engineering and Extension irrigation specialist based in Amarillo. "If you haven't yet adopted Low Energy Precision Application (LEPA) technology on your pivots, I encourage you to do so.

"A LEPA pivot equipped with drag socks on its drop lines, running in a field with furrow dikes, achieves 95 to 98 percent irrigation efficiency. In other words, it loses only 2 to 3 percent of the water pumped to evaporation. It's the most efficient system we have."

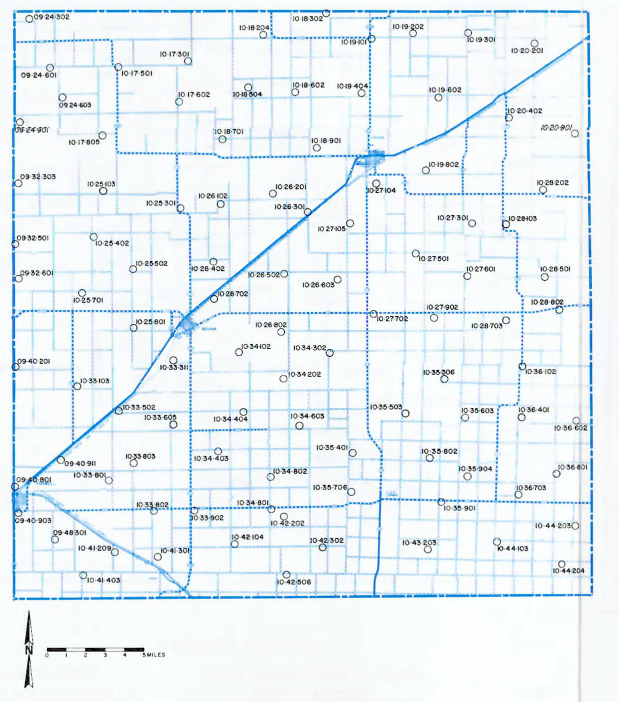
LEPA systems equipped with bubble-mode nozzles are second in irrigation efficiency, followed by LEPA systems equipped with spray-mode nozzles, he said.

LEPA Conversion and Management, a Texas Agricultural Extension Service publication (B-1691) written by Drs. New and Guy Fipps, explains how to convert center pivots for LEPA. It is available on the Internet (http://agpublications.tamu.edu/pubs/eengine/b1691.pdf) or through county Extension offices.

"Skip-row watering (irrigating every other row) is another good water management strategy.

"And if you are concerned about watering the crop uniformly, I recommend installing pressure regulators and pressure gauges on a pivot's drop lines," New said. "Pay close attention to the pivot's nozzles, too. You may get better results simply by re-nozzling one or two drops, or an entire pivot."

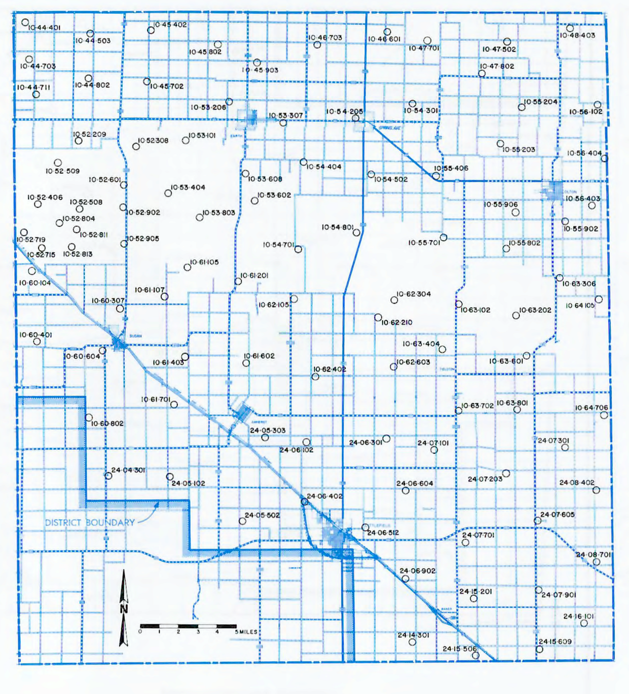
Re-evaluating all crop inputs is another way producers can stay competitive and survive another dry crop year, said Dr. Randy Boman, cotton agronomist with the Texas Agricultural Extension Service in Lubbock.



PARMER COUNTY

Well Number	Depth to Water Below Land Surface In Feet				Total Change In Water Levels In Feet		
	1989	1994	1998	1999	1989 to 1999	1994 to 1999	1998 to 1999
09-24-302	288.05	288.27	290.98	291.39	- 3.34	- 3.12	- 0.41
09-24-601	333.85	332.25	340.90	334.75	- 0.90	- 2.50	+ 6.15
09-24-603	N/A	N/A	316.09	316.18	N/A	N/A	- 0.09
09-24-901	297.36	298.29	301.75	305.27	- 7.91	- 6.98	- 3.52
09-32-303	332.55	330.08	329.27	328.97	+ 3.58	+ 1.11	+ 0.30
09-32-501	357.01	363.28	379.77	391.09	- 34.08	- 27.81	- 11.32
09-32-601	324.57	328.66	339.01	341.09	- 16.52	- 12.43	- 2.08
09-40-201	321.43	328.78	336.64	339.78	- 18.35	- 11.00	- 3.14
09-40-801	272.95	291.15	308.48	N/A	N/A	N/A	N/A
09-40-903	281.50	302.04	324.08	332.78	- 51.28	- 30.74	- 8.70
09-40-911	N/A	N/A	365.58	369.34	N/A	N/A	- 3.76
09-48-301	256.60	273.72	295.05	302.60	- 46.00	- 28.88	- 7.55
10-17-301	194.99	197.08	199.13	199.27	- 4.28	- 2.19	- 0.14
10-17-501	259.45	258.46	259.62	259.58	- 0.13	- 1.12	+ 0.04
10-17-602	191.32	189.22	191.45	193.38	- 2.06	- 4.16	- 1.93
10-17-805	N/A	N/A	225.44	228.04	N/A	N/A	- 2.60
10-18-204	306.30	302.65	301.41	300.91	+ 5.39	+ 1.74	+ 0.50
10-18-302	248.80	248.41	251.76	253.66	- 4.86	- 5.25	- 1.90
10-18-504	280.99	279.33	279.29	279.02	+ 1.97	+ 0.31	+ 0.27
10-18-602	303.55	301.84	300.31	299.61	+ 3.94	+ 2.23	+ 0.70
10-18-701	249.02	248.78	240.33	239.55	+ 9.47	+ 9.23	+ 0.78
10-18-901	265.46	268.22	282.04	286.79	- 21.33	- 18.57	- 4.75
10-19-101	292.12	293.34	296.03	296.12	- 4.00	- 2.78	- 0.09
10-19-202	315.62	319.02	323.95	N/A	N/A	N/A	N/A
10-19-301	278.58	276.98	281.60	282.44	- 3.86	- 5.46	- 0.84
10-19-404	244.10	249.63	255.50	257.99	- 13.89	- 8.36	- 2.49
10-19-602	279.04	291.13	300.69	301.34	- 22.30	- 10.21	- 0.65
10-19-802	234.49	240.19	248.36	249.48	- 14.99	- 9.29	- 1.12
10-20-201	193.10	195.09	196.88	197.05	- 3.95	- 1.96	- 0.17
10-20-402	254.60	258.22	264.80	266.89	- 12.29	- 8.67	- 2.09
10-20-901	202.98	208.52	215.01	215.16	- 12.18	- 6.64	- 0.15
10-25-103	N/A	N/A	248.15	247.65	N/A	N/A	+ 0.50
10-25-301	302.95	301.16	299.65	299.17	+ 3.78	+ 1.99	+ 0.48
10-25-402	264.88	266.74	263.83	263.30	+ 1.58	+ 3.44	+ 0.53
10-25-502	186.21	191.89	196.28	199.09	- 12.88	- 7.20	- 2.81
10-25-701	297.10	308.82	321.72	325.54	- 28.44	- 16.72	- 3.82
10-25-801	256.45	261.06	267.42	268.42	- 11.97	- 7.36	- 1.00
10-26-102	292.67	289.78	287.27	286.94	+ 5.73	+ 2.84	+ 0.33
10-26-201	290.62	292.07	293.83	293.94	- 3.32	- 1.87	- 0.11
10-26-301	374.56	380.18	386.12	387.85	- 13.29	- 7.67	- 1.73
10-26-402	322.74	327.38	330.10	332.24	- 9.50	- 4.86	- 2.14
10-26-502	359.28	369.65	380.95	384.55	- 25.27	- 14.90	- 3.60
10-26-603	343.81	361.45	379.08	383.08	- 39.27	- 21.63	- 4.00
10-26-702	246.92	265.18	264.51	266.50	- 19.58	- 1.32	- 1.99
10-26-802	267.42	281.04	297.92	303.24	- 35.82	- 22.20	- 5.32
10-27-104	N/A	308.39	317.25	316.49	N/A	- 8.10	+ 0.76
10-27-105	N/A	N/A	403.15	399.40	N/A	N/A	+ 3.75
10-27-301	361.06	361.48	367.95	369.77	- 8.71	- 8.29	- 1.82
10-27-501	400.69	414.78	433.14	434.68	- 33.99	- 19.90	- 1.54
10-27-601	369.18	383.05	401.10	405.40	- 36.22	- 22.35	- 4.30
10-27-702	306.42	324.55	343.34	N/A	N/A	N/A	N/A
10-27-902	N/A	N/A	332.17	337.99	N/A	N/A	- 5.82
10-28-103	N/A	362.71	377.80	380.79	N/A	- 18.08	- 2.99
10-28-202	328.60	335.39	344.44	349.61	- 21.01	- 14.22	- 5.17
10-28-501	N/A	373.39	389.24	395.13	N/A	- 21.74	- 5.89
10-28-703	294.44	309.93	321.11	325.66	- 31.22	- 15.73	- 4.55
10-28-802	N/A	344.73	357.26	361.39	N/A	- 16.66	- 4.13
10-33-103	328.77	347.91	366.37	373.43	- 44.66	- 25.52	- 7.06
10-33-311	N/A	295.11	320.72	320.99	N/A	- 25.88	- 0.27
10-33-502	348.35	366.95	391.38	399.64	- 51.29	- 32.69	- 8.26
10-33-605	N/A	354.39	372.57	378.61	N/A	- 24.22	- 6.04
10-33-801	284.25	305.30	328.49	336.05	- 51.80	- 30.75	- 7.56
10-33-802	257.20	278.15	299.89	307.95	- 50.75	- 29.80	- 8.06
10-33-803	317.17	340.45	361.52	361.30	- 44.13	- 20.85	+ 0.22
10-33-902	251.89	271.40	289.08	295.54	- 43.65	- 24.14	- 6.46
10-34-102	261.02	272.60	288.69	293.22	- 32.20	- 20.62	- 4.53
10-34-202	294.88	310.25	328.88	334.02	- 39.14	- 23.77	- 5.14
10-34-302	256.77	268.45	283.07	287.84	- 31.07	- 19.39	- 4.77
10-34-403	315.05	333.74	353.73	358.32	- 43.27	- 24.58	- 4.59
10-34-404	325.20	341.60	363.48	369.26	- 44.06	- 27.66	- 5.78
10-34-603	280.63	294.90	309.59	313.70	- 33.07	- 18.80	- 4.11
10-34-801	258.70	274.22	285.97	286.40	- 27.70	- 12.18	- 0.43
10-34-802	283.52	300.60	312.81	317.29	- 33.77	- 16.69	- 4.48
10-35-306	N/A	257.58	263.88	268.14	N/A	- 10.56	- 4.26
10-35-401	293.81	307.53	317.24	317.32	- 23.51	- 9.79	- 0.08
10-35-503	N/A	281.62	292.08	297.10	N/A	- 15.48	- 5.02
10-35-603	238.45	252.28	269.91	276.55	- 38.10	- 24.27	- 6.64
10-35-706	N/A	N/A	291.99	294.23	N/A	N/A	- 2.24
10-35-802	280.95	296.44	310.51	316.85	- 35.90	- 20.41	- 6.34
10-35-901	292.67	304.90	N/A	N/A	N/A	N/A	N/A
10-35-904	N/A	N/A	323.17	328.40	N/A	N/A	- 5.23
10-36-102	250.12	259.46	266.97	270.86	- 20.74	- 11.40	- 3.89
10-36-401	208.52	226.20	237.89	243.94	- 35.42	- 17.74	- 6.05
10-36-602	246.85	258.87	277.57	282.20	- 35.35	- 23.33	- 4.63
10-36-703	N/A	282.14	298.93	305.16	N/A	- 23.02	- 6.23
10-36-801	239.03	253.29	264.79	269.03	- 30.00	- 15.74	- 4.24
10-41-209	235.05	252.12	281.89	292.04	- 56.99	- 39.92	- 10.15
10-41-301	226.69	247.45	277.44	285.05	- 58.36	- 37.60	- 7.61
10-41-403	207.81	220.70	235.10	238.95	- 31.14	- 18.25	- 3.85
10-42-104	215.79	232.46	252.63	265.35	- 49.56	- 32.89	- 12.72
10-42-202	244.61	256.20	268.38	273.40	- 28.79	- 17.20	- 5.02
10-42-302	212.24	224.20	239.67	255.75	- 43.51	- 31.55	- 16.08
10-42-506	202.30	221.59	238.56	253.70	- 51.40	- 32.11	- 15.14
10-43-203	242.32	259.00	N/A	N/A	N/A	N/A	N/A
10-44-103	N/A	N/A	287.79	296.04	N/A	N/A	- 8.25
10-44-203	249.92	263.12	279.08	286.32	- 36.40	- 23.20	- 7.24
10-44-204	N/A	256.30	270.65	275.46	N/A	- 19.16	- 4.81

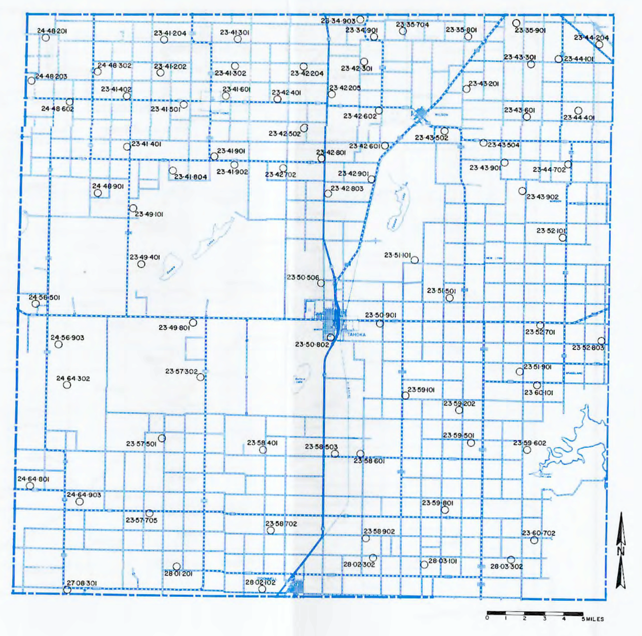
NOTE: N/A Denotes data not available



LAMB COUNTY

Well Number	Depth to Water Below Land Surface In Feet				Total Change In Water Levels In Feet		
	1989	1994	1998	1999	1989 to 1999	1994 to 1999	1998 to 1999
10-44-401	194.64	205.75	229.37	N/A	N/A	N/A	N/A
10-44-503	N/A	N/A	224.36	233.58	N/A	N/A	- 9.22
10-44-703	139.38	149.19	161.04	N/A	N/A	N/A	N/A
10-44-711	113.37	117.25	121.37	123.30	- 9.93	- 6.05	- 1.93
10-44-802	118.59	126.29	139.04	143.12	- 24.53	- 16.83	- 4.08
10-45-402	192.09	200.34	213.18	218.74	- 26.65	- 18.40	- 5.56
10-45-702	130.36	136.67	144.28	146.69	- 16.33	- 10.02	- 2.41
10-45-802	N/A	207.22	N/A	N/A	N/A	N/A	N/A
10-45-903	191.38	203.82	N/A	N/A	N/A	N/A	N/A
10-46-601	223.14	233.48	243.03	245.72	- 22.58	- 12.24	- 2.69
10-46-703	211.52	223.22	236.43	244.72	- 33.20	- 21.50	- 8.29
10-47-502	N/A	197.94	211.69	217.84	N/A	- 19.90	- 6.15
10-47-701	N/A	232.22	253.99	N/A	N/A	N/A	N/A
10-47-802	222.72	238.32	249.13	254.30	- 31.58	- 15.98	- 5.17
10-48.403	211.56	226.98	245.84	251.48	- 39.92	- 24.50	- 5.64
10-52-209	106.26	111.54	119.22	N/A	N/A	N/A	N/A
10-52-308	105.40	110.35	124.74	119.40	- 14.00	- 9.05	+ 5.34
10-52-406	113.66	113.81	118.50	114.39	- 0.73	- 0.58	+ 4.11
10-52-508	78.18	82.38	89.97	89.17	- 10.99	- 6.79	+ 0.80
10-52-509	85.78	86.19	87.59	88.10	- 2.32	- 1.91	- 0.51
10-52-601	54.07	60.59	65.29	66.58	- 12.51	- 5.99	- 1.29
10-52-715	131.96	135.37	139.04	144.82	- 12.86	- 9.45	- 5.78
10-52-719	124.96	126.70	131.33	132.08	- 7.12	- 5.38	- 0.75
10-52-804	118.04	117.23	N/A	119.70	- 1.66	- 2.47	N/A
10-52-811	87.92	87.25	90.10	96.28	- 8.36	- 9.03	- 6.18
10-52-813	85.41	85.53	89.15	85.73	- 0.32	- 0.20	+ 3.42
10-52-902	66.19	71.49	N/A	N/A	N/A	N/A	N/A
10-52-905	97.41	101.11	111.96	121.74	- 24.33	- 20.63	- 9.78
10-53-101	95.28	97.91	100.37	101.32	- 6.04	- 3.41	- 0.95
10-53-206	145.79	152.15	162.18	165.01	- 19.22	- 12.86	- 2.83
10-53-307	139.37	148.55	158.25	162.13	- 22.76	- 13.58	- 3.88
10-53-404	77.16	84.17	88.26	N/A	N/A	N/A	N/A
10-53-602	87.72	97.53	108.00	110.73	- 23.01	- 13.20	- 2.73
10-53-608	103.73	113.09	127.18	127.29	- 23.56	- 14.20	- 0.11
10-53-803	80.02	88.58	94.05	95.29	- 15.27	- 6.71	- 1.24
10-54-205	152.25	167.97	172.24	175.90	- 23.65	- 7.93	- 3.66
10-54-301	211.41	220.71	231.74	236.80	- 25.39	- 16.09	- 5.06
10-54-404	125.64	135.05	147.16	152.84	- 27.20	- 17.79	- 5.68
10-54-502	142.16	154.81	173.16	175.57	- 33.41	- 20.76	- 2.41
10-54-701	116.83	134.67	151.77	159.99	- 43.16	- 25.32	- 8.22
10-54-801	117.32	136.95	157.41	N/A	N/A	N/A	N/A
10-55-203	219.67	233.63	251.67	255.10	- 35.43	- 21.47	- 3.43
10-55-204	239.25	249.72	N/A	N/A	N/A	N/A	N/A
10-55-406	190.06	201.44	213.67	218.54	- 28.48	- 17.10	- 4.87
10-55-701	120.42	134.39	153.63	157.22	- 36.80	- 22.83	- 3.59
10-55-802	135.76	149.89	169.10	N/A	N/A	N/A	N/A
10-55-902	199.87	218.63	235.55	239.04	- 39.17	- 20.41	- 3.49
10-55-906	N/A	N/A	208.46	215.67	N/A	N/A	- 7.21
10-56-102	245.20	258.76	N/A	N/A	N/A	N/A	N/A
10-56-403	239.99	253.97	265.85	268.60	- 28.61	- 14.63	- 2.75
10-56-404	255.08	267.01	278.64	282.98	- 27.90	- 15.97	- 4.34
10-60-104	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10-60-307	N/A	154.27	168.21	171.31	N/A	- 17.04	- 3.10
10-60-401	118.38	116.96	116.96	116.96	+ 1.42	+ 0.00	+ 0.00
10-60-604	91.62	89.57	89.96	90.48	+ 1.14	- 0.91	- 0.52
10-60-802	117.39	116.66	118.52	118.45	- 1.06	- 1.79	+ 0.07
10-61-105	98.57	107.10	116.57	121.28	- 22.71	- 14.18	- 4.71
10-61-107	N/A	134.24	146.22	148.95	N/A	- 14.71	- 2.73
10-61-201	86.59	96.15	105.86	109.00	- 22.41	- 12.85	- 3.14
10-61-403	N/A	N/A	192.18	N/A	N/A	N/A	N/A
10-61-602	139.33	154.02	N/A	N/A	N/A	N/A	N/A
10-61-701	149.34	157.48	167.21	173.77	- 24.43	- 16.29	- 6.56
10-62-105	104.47	118.02	N/A	N/A	N/A	N/A	N/A
10-62-210	127.75	134.57	147.70	152.30	- 24.55	- 17.73	- 4.60
10-62-304	111.09	118.05	N/A	N/A	N/A	N/A	N/A
10-62-402	155.26	160.68	167.22	169.11	- 13.85	- 8.43	- 1.89
10-62-603	117.44	125.71	132.06	135.75	- 18.31	- 10.04	- 3.69
10-63-102	N/A	120.98	134.72	147.07	N/A	- 26.09	- 12.35
10-63-202	129.15	138.18	160.25	175.54	- 46.39	- 37.36	- 15.29
10-63-306	157.90	169.33	181.58	186.65	- 28.75	- 17.32	- 5.07
10-63-404	139.11	144.94	155.86	159.39	- 20.28	- 14.45	- 3.53
10-63-601	148.60	156.98	175.42	179.71	- 31.11	- 22.73	- 4.29
10-63-702	155.70	157.21	162.56	164.71	- 9.01	- 7.50	- 2.15
10-63-801	133.10	136.78	141.11	142.63	- 9.53	- 5.85	- 1.52
10-64-105	N/A	N/A	190.07	193.27	N/A	N/A	- 3.20
10-64-706	147.59	153.04	157.80	159.42	- 11.83	- 6.38	- 1.62
24-04-301	51.74	52.07	54.04	58.05	- 6.31	- 5.98	- 4.01
24-05-102	51.47	52.50	50.91	52.05	- 0.58	+ 0.45	- 1.14
24-05-303	153.10	N/A	166.22	N/A	N/A	N/A	N/A
24-05-502	67.28	65.29	64.82	64.95	+ 2.33	+ 0.34	- 0.13
24-06-102	N/A	133.47	139.48	143.55	N/A	- 10.08	- 4.07
24-06-301	149.32	154.35	160.21	163.06	- 13.74	- 8.71	- 2.85
24-06-402	84.98	85.11	87.50	88.06	- 3.08	- 2.95	- 0.56
24-06-512	N/A	68.10	69.38	69.67	N/A	- 1.57	- 0.29
24-06-604	149.07	154.08	160.09	159.98	- 10.91	- 5.90	+ 0.11
24-06-902	100.99	104.35	106.79	108.55	- 7.56	- 4.20	- 1.76
24-07-101	144.21	146.63	151.48	153.20	- 8.99	- 6.57	- 1.72
24-07-203	162.21	165.15	168.99	172.44	- 10.23	- 7.29	- 3.45
24-07-301	140.31	142.05	146.67	147.35	- 7.04	- 5.30	- 0.68
24-07-605	144.80	152.24	154.48	154.57	- 9.77	- 2.33	- 0.09
24-07-701	147.58	148.38	150.18	150.82	- 3.24	- 2.44	- 0.64
24-07-901	127.21	127.70	131.00	130.95	- 3.74	- 3.25	+ 0.05
24-08-402	157.53	158.54	162.19	163.45	- 5.92	- 4.91	- 1.26
24-08-701	145.76	150.86	154.98	156.45	- 10.69	- 5.59	- 1.47
24-14-301	56.77	56.84	58.38	58.78	- 2.01	- 1.94	- 0.40
24-15-201	122.30	122.99	127.68	125.40	- 3.10	- 2.41	+ 2.28
24-15-506	77.22	79.89	81.72	81.38	- 4.16	- 1.49	+ 0.34
24-15-609	135.03	136.74	138.75	141.04	- 6.01	- 4.30	- 2.29
24-16-101	165.86	165.96	166.54	166.84	- 0.98	- 0.88	- 0.30

NOTE: N/A Denotes data not available



LYNN COUNTY

Well Number	Depth to Water Below Land Surface In Feet				Total Change In Water Levels In Feet		
	1989	1994	1998	1999	1989 to 1999	1994 to 1999	1998 to 1999
23-34-901	138.27	142.66	151.54	N/A	N/A	N/A	N/A
23-34-903	150.93	151.10	160.37	162.57	- 11.64	- 11.47	- 2.20
23-35-704	132.27	131.40	137.03	140.17	- 7.90	- 8.77	- 3.14
23-35-801	83.54	81.79	82.83	83.54	+ 0.00	- 1.75	- 0.71
23-35-901	85.69	83.69	87.26	89.00	- 3.31	- 5.31	- 1.74
23-41-202	104.31	100.99	107.33	110.67	- 6.36	- 9.68	- 3.34
23-41-204	N/A	108.09	115.01	117.03	N/A	- 8.94	- 2.02
23-41-301	127.40	127.02	131.51	N/A	N/A	N/A	N/A
23-41-302	104.90	104.79	107.74	109.30	- 4.40	- 4.51	- 1.56
23-41-401	79.26	81.32	86.07	89.18	- 9.92	- 7.86	- 3.11
23-41-402	91.43	89.54	92 15	95.26	- 3.83	- 5.72	- 3.11
23-41-501	60.17	59.37	60.79	62.53	- 2.36	- 3.16	- 1.74
23-41-601	100.79	97.10	95.69	N/A	N/A	N/A	N/A
23-41-804	N/A	N/A	N/A	80.00	N/A	N/A	N/A
23-41-901	111.16	113.20	117.68	121.22	- 10.06	- 8.02	- 3.54
23-41-902	114.62	114.63	115.60	119.00	- 4.38	- 4.37	- 3.40
23-42-204	114.60	110.71	111.79	N/A	N/A	N/A	N/A
23-42-205	89.78	89.61	91.07	91.53	- 1.75	- 1.92	- 0.46
23-42-301	101.82	100.90	101.90	104.74	- 2.92	- 3.84	- 2.84
23-42-401	102.28	103.23	106.08	108.82	- 6.54	- 5.59	- 2.74
23-42-502	N/A	N/A	84.09	87.66	N/A	N/A	- 3.57
23-42-601	33.63	37.49	43.58	47.18	- 13.55	- 9.69	- 3.60
23-42-602	82.19	79.99	84.22	86.11	- 3.92	- 6.12	- 1.89
23-42-702	84.55	78.37	77.49	77.80	+ 6.75	+ 0.57	- 0.31
23-42-801	46.03	44.14	49.87	54.75	- 8.72	- 10.61	- 4.88
23-42-803	N/A	30.19	32.18	38.66	N/A	- 8.47	- 6.48
23-42-901	48.21	44.79	40.26	41.15	+ 7.06	+ 3.64	- 0.89
23-43-201	N/A	57.38	57.09	57.56	N/A	- 0.18	- 0.47
23-43-301	17.79	21.36	27.61	32.30	- 14.51	- 10.94	- 4.69
23-43-502	69.29	65.88	65.21	65.54	+ 3.75	+ 0.34	- 0.33
23-43-504	65.86	61.13	63.19	64.87	+ 0.99	- 3.74	- 1.68
23-43-601	29.30	31.05	36.19	38.42	- 9.12	- 7.37	- 2.23
23-43-901	47.00	47.41	49.24	52.14	- 5.14	- 4.73	- 2.90
23-43-902	N/A	34.56	33.84	34.89	N/A	- 0.33	- 1.05
23-44-101	31.65	32.17	46.67	52.70	- 21.05	- 20.53	- 6.03
23-44-204	114.68	118.72	N/A	148.43	- 33.75	- 29.71	N/A
23-44-401	31.56	27.37	28.49	32.55	- 0.99	- 5.18	- 4.06
23-44-702	18.12	16.92	19.59	23.53	- 5.41	- 6.61	- 3.94
23-49-101	73.57	76.78	78.22	85.69	- 12.12	- 8.91	- 7.47
23-49-401	57.36	48.67	49.24	49.43	+ 7.93	- 0.76	- 0.19
23-49-801	66.08	65.84	65.31	65.51	+ 0.57	+ 0.33	- 0.20
23-50-506	N/A	33.88	31.53	39.01	N/A	- 5.13	- 7.48
23-50-802	N/A	N/A	40.75	42.64	N/A	N/A	- 1.89
23-50-901	N/A	N/A	39.49	41.06	N/A	N/A	- 1.57
23-51-101	N/A	N/A	6.89	10.99	N/A	N/A	- 4.10
23-51-505	N/A	N/A	N/A	39.05	N/A	N/A	N/A
23-51-901	14.32	14.64	16.43	19.70	- 5.38	- 5.06	- 3.27
23-52-101	17.97	17.43	22.16	26.87	- 8.90	- 9.44	- 4.71
23-52-701	10.81	10.52	18.13	23.92	- 13.11	- 13.40	- 5.79
23-52-803	N/A	17.75	20.80	23.69	N/A	- 5.94	- 2.89
23-57-302	10.12	13.49	13.95	15.53	- 5.41	- 2.04	- 1.58
23-57-501	24.00	22.07	22.27	25.50	- 1.50	- 3.43	- 3.23
23-57-705	N/A	20.28	27.88	33.05	N/A	- 12.77	- 5.17
23-58-401	28.75	29.13	28.12	28.78	- 0.03	+ 0.35	- 0.66
23-58-503	7.08	16.21	13.36	19.58	- 12.50	- 3.37	- 6.22
23-58-601	5.25	6.43	5.30	9.65	- 4.40	- 3.22	- 4.35
23-58-702	N/A	20.78	20.64	22.90	N/A	- 2.12	- 2.26
23-58-902	15.34	15.24	14.47	17.62	- 2.28	- 2.38	- 3.15
23-59-101	11.59	12.01	13.60	N/A	N/A	N/A	N/A
23-59-202	N/A	27.37	27.91	28.73	N/A	- 1.36	- 0.82
23-59-501	43.21	37.08	38.60	39.18	+ 4.03	- 2.10	- 0.58
23-59-602	N/A	N/A	29.84	32.84	N/A	N/A	- 3.00
23-59-801	18.89	17.18	18.95	21.10	- 2.21	- 3.92	- 2.15
23-60-101	N/A	N/A	14.58	18.44	N/A	N/A	- 3.86
23-60-702	N/A	N/A	18.98	23.19	N/A	N/A	- 4.21
24-48-201	87.95	85.54	92.98	95.67	- 7.72	- 10.13	- 2.69
24-48-203	77.34	76.22	87.67	N/A	N/A	N/A	N/A
24-48-302	87.01	89.84	102.47	109.11	- 22.10	- 19.27	- 6.64
24-48-602	N/A	N/A	82.37	86.53	N/A	N/A	- 4.16
24-48-901	102.10	98.10	102.61	106.88	- 4.78	- 8.78	- 4.27
24-56-501	15.06	22.69	25.89	27.80	- 12.74	- 5.11	- 1.91
24-56-903	N/A	17.01	18.79	19.30	N/A	- 2.29	- 0.51
24-64-302	N/A	N/A	22.30	N/A	N/A	N/A	N/A
24-64-801	N/A	N/A	17.99	19.83	N/A	N/A	- 1.84
24-64-903	N/A	N/A	26.71	32.98	N/A	N/A	- 6.27
27-08-301	24.09	25.67	37.86	N/A	N/A	N/A	N/A
28-01-201	6.14	11.16	11.97	13.55	- 7.41	- 2.39	- 1.58
28-02-102	2.66	7.27	5.95	8.27	- 5.61	- 1.00	- 2.32
28-02-302	13.77	14.75	15.04	17.75	- 3.98	- 3.00	- 2.71
28-03-101	N/A	N/A	13.94	16.02	N/A	N/A	- 2.08
28-03-302	N/A	8.48	9.39	N/A	N/A	N/A	N/A

NOTE: N/A Denotes data not available

THE Cross SECTION

THE CROSS SECTION (USPS 564-920)

THE CROSS SECTION (USPS 564-920) is published monthly by the High Plains Underground Water Conservation District No. 1. Periodicals postage paid at Lubbock, TX.

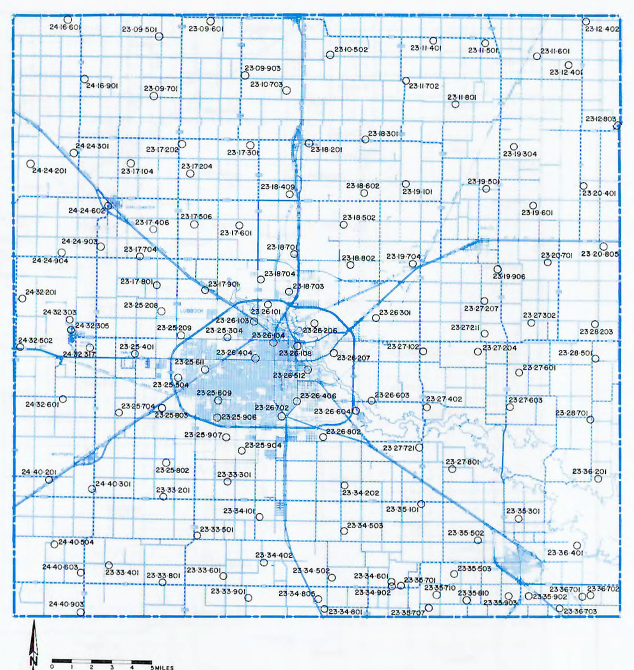
Articles printed in this newsletter are not copyrighted and may be reproduced without permission if proper credit is given to the District as the source of the article.

The Cross Section may be reached by phone at (806) 762-0181; by fax at (806) 762-1834; or by E-mail at HPWD@worldnet.att.net

POSTMASTER: Please send address changes to The Cross Section (USPS 564-920), High Plains Water District, 2930 Avenue Q, Lubbock, TX 79405-1499.

CARMON McCAIN, Editor
INFORMATION/EDUCATION DIRECTOR

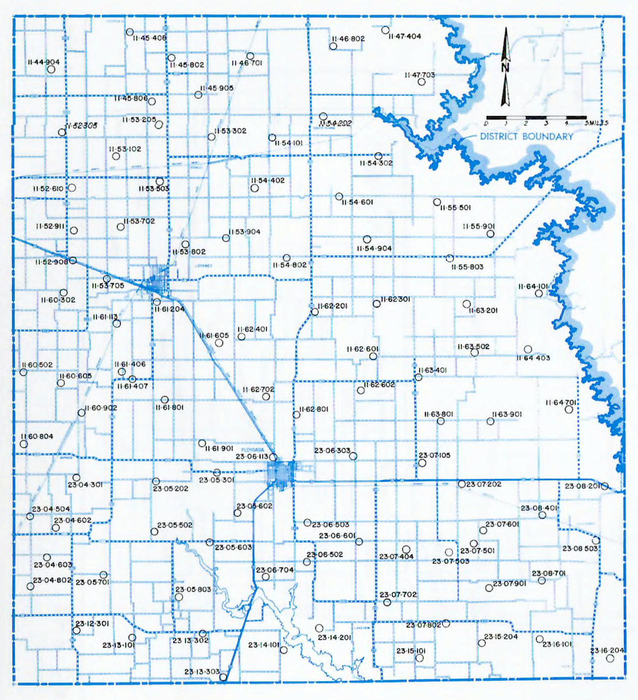
A. Wayne Wyatt ... Manager
Ken Carver ... Assistant Manager
Don McReynolds ... Geologist/Technical Division Director
Becca Williams ... Director of Administration/Permits
Glenn Blackmon ... Engineer Technician
Terry Bridges ... Engineer Technician
Kathryn C. de Baca ... Executive Secretary
Gerald Crenwelge ... USDA-NRCS Soil Scientist
Becky England-Britten ... Agriculturist
Blake Hendricks ... Technician
Arnold Husky ... Engineer Technician
LaTisha Keller ... Engineer Technician
Pat Kunkel ... Bookkeeper
Georgia Moss ... Secretary/Receptionist
Scott Orr ... Agriculturist
Brandy Reed ... Information/Education Assistant
Dan Seale ... Engineer Technician
Keith Whitworth ... Draftsman



LUBBOCK COUNTY

Well Number	Depth to Water Below Land Surface In Feet				Total Change In Water Levels In Feet		
	1989	1994	1998	1999	1989 to 1999	1994 to 1999	1998 to 1999
23-09-501	166.59	169.75	172.14	173.23	- 6.64	- 3.48	- 1.09
23-09-601	145.61	145.64	145.92	146.03	- 0.42	- 0.39	- 0.11
23-09-701	161.55	169.64	171.06	171.16	- 9.61	- 1.52	- 0.10
23-09-903	163.90	169.67	176.14	178.08	- 14.18	- 8.41	- 1.94
23-10-502	203.59	202.17	201.39	201.67	+ 1.92	+ 0.50	- 0.28
23-10-703	165.91	171.42	176.57	N/A	N/A	N/A	N/A
23-11-401	216.14	220.73	224.66	228.72	- 12.58	- 7.99	- 4.06
23-11-501	193.30	197.77	201.94	202.70	- 9.40	- 4.93	- 0.76
23-11-601	174.69	176.12	178.09	178.58	- 3.89	- 2.46	- 0.49
23-11-702	202.54	209.82	215.75	217.72	- 15.18	- 7.90	- 1.97
23-11-801	214.60	220.91	230.54	231.72	- 17.12	- 10.81	- 1.18
23-12-401	187.85	191.55	196.87	198.20	- 10.35	- 6.65	- 1.33
23-12-402	213.84	224.25	247.02	247.18	- 33.34	- 22.93	- 0.16
23-12-803	192.80	198.10	205.79	208.10	- 15.30	- 10.00	- 2.31
23-17-104	136.74	138.24	138.60	139.66	- 2.92	- 1.42	- 1.06
23-17-202	162.26	168.09	173.21	175.67	- 13.41	- 7.58	- 2.46
23-17-204	N/A	N/A	163.65	165.90	N/A	N/A	- 2.25
23-17-301	165.84	170.19	174.06	174.53	- 8.69	- 4.34	- 0.47
23-17-406	79.98	83.36	87.16	88.31	- 8.33	- 4.95	- 1.15
23-17-506	N/A	N/A	113.09	114.24	N/A	N/A	- 1.15
23-17-601	119.88	122.89	126.06	126.58	- 6.70	- 3.69	- 0.52
23-17-704	78.26	80.21	82.13	82.79	- 4.53	- 2.58	- 0.66
23-17-801	85.94	86.78	89.37	89.57	- 3.63	- 2.79	- 0.20
23-17-901	60.68	61.46	65.66	66.92	- 6.24	- 5.46	- 1.26
23-18-201	167.49	171.61	181.09	179.94	- 12.45	- 8.33	+ 1.15
23-18-301	N/A	215.19	221.03	221.29	N/A	- 6.10	- 0.26
23-18-409	149.96	156.05	161.59	161.30	- 11.34	- 5.25	+ 0.29
23-18-502	134.45	139.62	147.57	147.90	- 13.45	- 8.28	- 0.33
23-18-602	150.53	156.65	159.58	162.94	- 12.41	- 6.29	- 3.36
23-18-701	88.54	91.17	98.17	97.44	- 8.90	- 6.27	+ 0.73
23-18-703	78.18	79.85	84.52	83.19	- 5.01	- 3.34	+ 1.33
23-18-704	79.25	81.31	85.13	84.60	- 5.35	- 3.29	+ 0.53
23-18-802	95.39	96.40	102.17	104.50	- 9.11	- 8.10	- 2.33
23-19-101	191.51	195.89	200.97	202.82	- 11.31	- 6.93	- 1.85
23-19-304	214.27	217.94	224.18	225.99	- 11.72	- 8.05	- 1.81
23-19-501	206.74	213.92	221.94	223.13	- 16.39	- 9.21	- 1.19
23-19-601	205.77	209.35	214.86	217.12	- 11.35	- 7.77	- 2.26
23-19-704	99.00	103.17	112.79	119.51	- 20.51	- 16.34	- 6.72
23-19-906	N/A	164.84	174.89	178.62	N/A	- 13.78	- 3.73
23-20-401	199.78	201.04	207.49	209.79	- 10.01	- 8.75	- 2.30
23-20-701	186.36	188.00	196.35	198.84	- 12.48	- 10.84	- 2.49
23-20-805	204.66	203.60	212.47	217.98	- 13.32	- 14.38	- 5.51
23-25-208	N/A	N/A	113.82	115.60	N/A	N/A	- 1.78
23-25-209	N/A	N/A	86.64	87.00	N/A	N/A	- 0.36
23-25-304	29.32	32.42	36.99	39.68	- 10.36	- 7.26	- 2.69
23-25-401	140.75	138.88	140.41	140.20	+ 0.55	- 1.32	+ 0.21
23-25-504	N/A	70.75	69.78	70.89	N/A	- 0.14	- 1.11
23-25-609	N/A	35.73	33.17	35.78	N/A	- 0.05	- 2.61
23-25-611	N/A	N/A	26.93	29.05	N/A	N/A	- 2.12
23-25-704	125.06	124.44	130.67	128.17	- 3.11	- 3.73	+ 2.50
23-25-802	N/A	109.89	109.29	109.98	N/A	- 0.09	- 0.69
23-25-803	N/A	71.63	72.55	73.48	N/A	- 1.85	- 0.93
23-25-904	56.54	41.86	36.55	37.39	+ 19.15	+ 4.47	- 0.84
23-25-906	17.75	12.31	8.78	9.42	+ 8.33	+ 2.89	- 0.64
23-25-907	33.05	17.56	12.68	15.57	+ 17.48	+ 1.99	- 2.89
23-26-101	51.82	53.03	55.26	57.44	- 5.62	- 4.41	- 2.18
23-26-103	40.89	40.94	41.93	42.59	- 1.70	- 1.65	- 0.66
23-26-104	33.40	32.32	33.50	33.86	- 0.46	- 1.54	- 0.36
23-26-108	N/A	42.38	43.11	44.35	N/A	- 1.97	- 1.24
23-26-206	63.52	62.65	62.91	63.38	+ 0.14	- 0.73	- 0.47
23-26-207	52.36	51.39	53.59	54.22	- 1.86	- 2.83	- 0.63
23-26-301	85.81	85.64	88.96	91.18	- 5.37	- 5.54	- 2.22
23-26-404	N/A	30.28	31.65	31.70	N/A	- 1.42	- 0.05
23-26-406	45.53	44.61	42.47	44.70	+ 0.83	- 0.09	- 2.23
23-26-512	N/A	41.47	41.05	41.99	N/A	- 0.52	- 0.94
23-26-603	N/A	N/A	37.53	N/A	N/A	N/A	N/A
23-26-604	48.08	49.37	50.52	50.60	- 2.52	- 1.23	- 0.08
23-26-702	N/A	N/A	65.98	66.35	N/A	N/A	- 0.37
23-26-802	60.59	58.76	59.43	63.15	- 2.56	- 4.39	- 3.72
23-27-102	76.04	75.93	78.04	80.85	- 4.81	- 4.92	- 2.81
23-27-204	86.08	90.32	99.73	N/A	N/A	N/A	N/A
23-27-207	91.06	104.57	120.95	124.27	- 33.21	- 19.70	- 3.32
23-27-211	85.28	91.69	99.61	104.14	- 18.86	- 12.45	- 4.53
23-27-302	66.91	73.38	79.49	81.15	- 14.24	- 7.77	- 1.66
23-27-402	66.54	72.18	70.61	74.10	- 7.56	- 1.92	- 3.49
23-27-601	75.15	78.51	85.58	87.38	- 12.23	- 8.87	- 1.80
23-27-603	78.08	78.87	82.68	84.67	- 6.59	- 5.80	- 1.99
23-27-721	N/A	92.72	95.86	97.49	N/A	- 4.77	- 1.63
23-27-801	119.98	116.05	116.63	117.36	+ 2.62	- 1.31	- 0.73
23-28-203	151.16	158.48	178.75	178.75	- 27.59	- 20.27	+ 0.00
23-28-501	78.56	75.59	79.52	80.73	- 2.17	- 5.14	- 1.21
23-28-701	45.39	51.53	58.68	63.78	- 18.39	- 12.25	- 5.10
23-33-201	126.02	125.22	125.59	N/A	N/A	N/A	N/A
23-33-301	96.35	94.30	97.65	95.77	+ 0.58	- 1.47	+ 1.88
23-33-401	101.89	103.48	106.88	108.36	- 6.47	- 4.88	- 1.48
23-33-501	107.97	106.67	107.88	108.53	- 0.56	- 1.86	- 0.65
23-33-601	100.48	100.11	102.84	103.49	- 3.01	- 3.38	- 0.65
23-33-801	93.33	92.76	96.64	98.18	- 4.85	- 5.42	- 1.54
23-33-901	114.38	113.81	116.88	117.37	- 2.99	- 3.56	- 0.49
23-34-101	107.31	107.13	N/A	114.47	- 7.16	- 7.34	N/A
23-34-202	84.07	87.80	92.97	98.89	- 14.82	- 11.09	- 5.92
23-34-402	112.21	113.15	113.63	114.47	- 2.26	- 1.32	- 0.84
23-34-502	136.39	137.62	142.77	145.48	- 9.09	- 7.86	- 2.71
23-34-503	115.56	115.46	121.88	124.03	- 8.47	- 8.57	- 2.15
23-34-601	125.64	127.75	133.15	134.26	- 8.62	- 6.51	- 1.11
23-34-801	141.18	144.13	150.03	152.79	- 11.61	- 8.66	- 2.76
23-34-805	136.43	138.84	143.09	147.07	- 10.64	- 8.23	- 3.98
23-34-902	134.42	137.48	143.07	144.53	- 10.11	- 7.05	- 1.46
23-35-101	70.83	69.21	72.68	74.98	- 4.15	- 5.77	- 2.30
23-35-301	105.35	100.11	98.98	100.05	+ 5.30	+ 0.06	- 1.07
23-35-502	93.22	91.13	91.97	92.52	+ 0.70	- 1.39	- 0.55
23-35-503	123.31	124.78	130.41	135.74	- 12.43	- 10.96	- 5.33
23-35-701	128.82	131.99	137.45	139.72	- 10.90	- 7.73	- 2.27
23-35-707	129.26	130.71	136.51	140.05	- 10.79	- 9.34	- 3.54
23-35-710	N/A	N/A	134.65	138.57	N/A	N/A	- 3.92
23-35-810	N/A	116.35	119.54	120.74	N/A	- 4.39	- 1.20
23-35-902	138.64	136.60	142.35	138.79	- 0.15	- 2.19	+ 3.56
23-35-903	136.48	134.18	149.49	158.37	- 21.89	- 24.19	- 8.88
23-36-201	71.45	72.40	74.27	75.79	- 4.34	- 3.39	- 1.52
23-36-401	99.24	97.90	103.21	98.08	+ 1.16	- 0.18	+ 5.13
23-36-701	116.49	111.69	113.52	115.18	+ 1.31	- 3.49	- 1.66
23-36-702	203.96	199.55	215.01	216.65	- 12.69	- 17.10	- 1.64
23-36-703	189.34	185.33	192.03	198.55	- 9.21	- 13.22	- 6.52
24-16-601	131.92	130.55	130.27	130.38	+ 1.54	+ 0.17	- 0.11
24-16-901	168.47	168.18	168.58	168.79	- 0.32	- 0.61	- 0.21
24-24-201	61.25	63.68	64.12	65.02	- 3.77	- 1.34	- 0.90
24-24-301	130.75	132.08	135.88	137.44	- 6.69	- 5.36	- 1.56
24-24-602	80.33	81.50	85.12	86.47	- 6.14	- 4.97	- 1.35
24-24-903	131.63	132.16	139.09	132.08	- 0.45	+ 0.08	+ 7.01
24-24-904	N/A	165.04	170.79	172.38	N/A	- 7.34	- 1.59
24-32-201	102.14	102.10	103.47	N/A	N/A	N/A	N/A
24-32-303	117.87	116.65	116.95	117.18	+ 0.69	- 0.53	- 0.23
24-32-305	123.89	123.70	123.66	124.29	- 0.40	- 0.59	- 0.63
24-32-317	N/A	142.79	145.78	146.08	N/A	- 3.29	- 0.30
24-32-502	115.83	114.81	118.18	119.34	- 3.51	- 4.53	- 1.16
24-32-601	131.75	131.28	132.48	133.08	- 1.33	- 1.80	- 0.60
24-40-201	129.62	129.95	135.49	141.49	- 11.87	- 11.54	- 6.00
24-40-301	142.17	143.26	145.53	146.97	- 4.80	- 3.71	- 1.44
24-40-504	124.79	125.20	128.88	133.71	- 8.92	- 8.51	- 4.83
24-40-603	85.91	89.57	88.98	90.39	- 4.48	- 0.82	- 1.41
24-40-903	N/A	N/A	65.02	66.63	N/A	N/A	- 1.61

NOTE: N/A Denotes data not available



FLOYD COUNTY

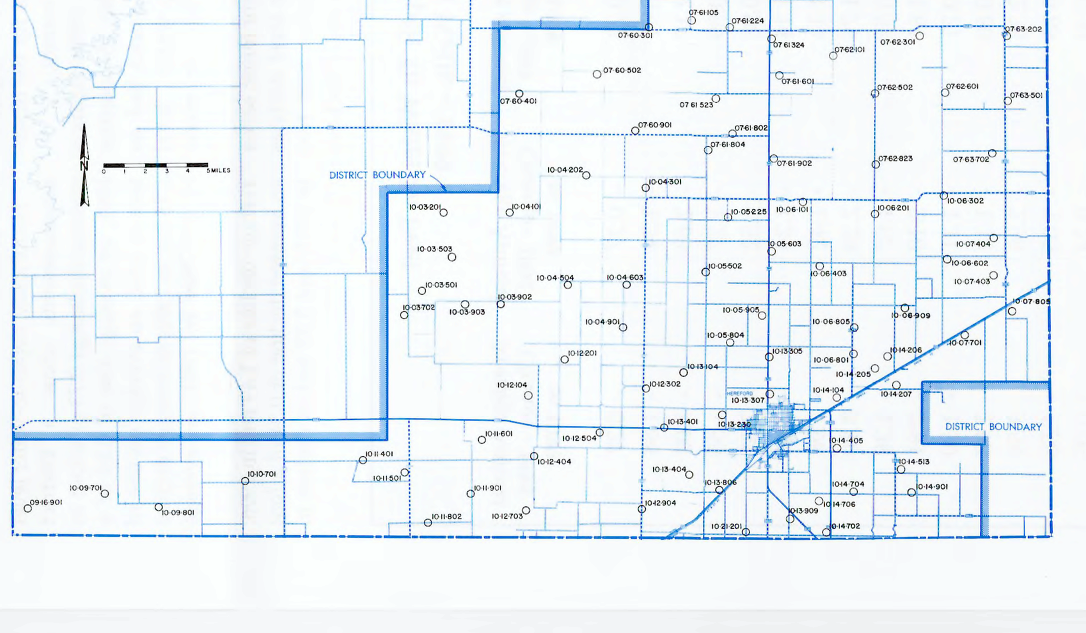
Well Number	Depth to Water Below Land Surface In Feet				Total Change In Water Levels In Feet		
	1989	1994	1998	1999	1989 to 1999	1994 to 1999	1998 to 1999
11-44-904	N/A	199.66	204.92	206.08	N/A	- 6.42	- 1.16
11-45-408	211.16	217.52	222.25	223.44	- 12.28	- 5.92	- 1.19
11-45-802	193.50	198.48	201.68	202.64	- 9.14	- 4.16	- 0.96
11-45-806	177.77	176.65	179.63	180.48	- 2.71	- 3.83	- 0.85
11-45-905	N/A	N/A	189.60	189.79	N/A	N/A	- 0.19
11-46-701	224.94	226.36	227.72	228.19	- 3.25	- 1.83	- 0.47
11-46-802	263.88	265.01	265.30	N/A	N/A	N/A	N/A
11-47-404	232.59	230.82	234.87	234.89	- 2.30	- 4.07	- 0.02
11-47-703	239.11	241.64	244.09	244.28	- 5.17	- 2.64	- 0.19
11-52-305	192.87	195.74	198.83	200.03	- 7.16	- 4.29	- 1.20
11-52-610	N/A	N/A	233.34	235.68	N/A	N/A	- 2.34
11-52-908	231.92	244.78	255.01	259.01	- 27.09	- 14.23	- 4.00
11-52-911	N/A	N/A	244.48	248.90	N/A	N/A	- 4.42
11-53-102	198.59	199.37	202.58	203.13	- 4.54	- 3.76	- 0.55
11-53-205	161.68	162.86	164.45	164.83	- 3.15	- 1.97	- 0.38
11-53-302	201.26	211.55	221.24	222.55	- 21.29	- 11.00	- 1.31
11-53-503	N/A	223.09	228.96	232.18	N/A	- 9.09	- 3.22
11-53-702	201.75	209.65	218.79	221.98	- 20.23	- 12.33	- 3.19
11-53-705	236.60	246.36	253.75	257.26	- 20.66	- 10.90	- 3.51
11-53-802	153.47	152.90	153.22	153.39	+ 0.08	- 0.49	- 0.17
11-53-904	N/A	N/A	158.26	158.93	N/A	N/A	- 0.67
11-54-101	219.15	221.11	224.23	224.39	- 5.24	- 3.28	- 0.16
11-54-202	N/A	234.44	235.02	235.69	N/A	- 1.25	- 0.67
11-54-302	266.62	266.49	268.07	268.85	- 2.23	- 2.36	- 0.78
11-54-402	184.36	184.62	184.87	184.83	- 0.47	- 0.21	+ 0.04
11-54-601	244.44	242.69	242.37	241.91	+ 2.53	+ 0.78	+ 0.46
11-54-802	172.35	170.24	169.43	169.05	+ 3.30	+ 1.19	+ 0.38
11-54-904	N/A	221.98	220.96	N/A	N/A	N/A	N/A
11-55-501	281.06	277.10	278.18	279.29	+ 1.77	- 2.19	- 1.11
11-55-803	N/A	N/A	243.92	242.23	N/A	N/A	+ 1.69
11-55-901	288.75	289.69	291.22	291.80	- 3.05	- 2.11	- 0.58
11-60-302	233.70	244.41	255.96	259.42	- 25.72	- 15.01	- 3.46
11-60-502	226.85	235.65	251.88	258.40	- 31.55	- 22.75	- 6.52
11-60-605	234.51	243.05	255.15	255.92	- 21.41	- 12.87	- 0.77
11-60-804	N/A	241.68	265.23	267.38	N/A	- 25.70	- 2.15
11-60-902	227.00	238.99	248.16	253.80	- 26.80	- 14.81	- 5.64
11-61-113	N/A	N/A	247.41	250.52	N/A	N/A	- 3.11
11-61-204	224.95	233.15	241.29	243.40	- 18.45	- 10.25	- 2.11
11-61-406	246.38	249.72	258.91	262.48	- 16.10	- 12.76	- 3.57
11-61-407	246.75	251.73	259.30	263.23	- 16.48	- 11.50	- 3.93
11-61-605	N/A	N/A	82.12	83.45	N/A	N/A	- 1.33
11-61-801	251.20	254.72	264.48	267.17	- 15.97	- 12.45	- 2.69
11-61-901	248.00	258.33	268.78	271.60	- 23.60	- 13.27	- 2.82
11-62-201	141.40	138.36	138.87	139.16	+ 2.24	- 0.80	- 0.29
11-62-301	154.90	154.53	154.53	154.38	+ 0.52	+ 0.15	+ 0.15
11-62-401	58.27	57.92	57.02	57.16	+ 1.11	+ 0.76	- 0.14
11-62-601	149.24	147.42	148.02	147.89	+ 1.35	- 0.47	+ 0.13
11-62-602	155.92	154.63	155.55	155.18	+ 0.74	- 0.55	+ 0.37
11-62-702	107.70	104.50	109.16	107.47	+ 0.23	- 2.97	+ 1.69
11-62-801	104.41	105.18	116.80	120.20	- 15.79	- 15.02	- 3.40
11-63-201	N/A	N/A	238.02	240.87	N/A	N/A	- 2.85
11-63-401	155.40	155.22	156.39	155.55	- 0.15	- 0.33	+ 0.84
11-63-502	N/A	252.92	253.79	254.76	N/A	- 1.84	- 0.97
11-63-801	213.28	213.72	216.66	215.31	- 2.03	- 1.59	+ 1.35
11-63-901	249.40	254.52	252.49	253.95	- 4.55	+ 0.57	- 1.46
11-64-101	249.90	250.92	250.90	251.12	- 1.22	- 0.20	- 0.22
11-64-403	252.01	251.52	252.60	261.55	- 9.54	- 10.03	- 8.95
11-64-701	N/A	N/A	251.35	252.19	N/A	N/A	- 0.84
23-04-301	214.30	230.64	244.61	257.13	- 42.83	- 26.49	- 12.52
23-04-504	220.56	225.06	233.61	250.29	- 29.73	- 25.23	- 16.68
23-04-602	239.10	232.57	252.66	256.98	- 17.88	- 24.41	- 4.32
23-04-603	228.18	228.63	237.38	N/A	N/A	N/A	N/A
23-04-802	217.35	222.51	231.45	234.77	- 17.42	- 12.26	- 3.32
23-05-202	246.75	255.98	271.04	273.23	- 26.48	- 17.25	- 2.19
23-05-301	251.34	262.85	269.97	273.47	- 22.13	- 10.62	- 3.50
23-05-502	252.43	267.35	274.12	277.51	- 25.08	- 10.16	- 3.39
23-05-602	261.32	270.17	282.69	282.07	- 20.75	- 11.90	+ 0.62
23-05-603	266.64	274.04	278.99	282.02	- 15.38	- 7.98	- 3.03
23-05-701	229.26	241.42	257.51	268.23	- 38.97	- 26.81	- 10.72
23-05-803	244.63	262.51	276.08	N/A	N/A	N/A	N/A
23-06-113	137.50	137.75	140.09	139.02	- 1.52	- 1.27	+ 1.07
23-06-303	N/A	192.52	191.32	191.71	N/A	+ 0.81	- 0.39
23-06-502	263.05	268.65	274.58	278.80	- 15.75	- 10.15	- 4.22
23-06-503	284.34	290.32	292.88	294.07	- 9.73	- 3.75	- 1.19
23-06-601	277.62	284.02	281.47	282.43	- 4.81	+ 1.59	- 0.96
23-06-704	262.37	268.86	274.01	278.98	- 16.61	- 10.12	- 4.97
23-07-105	N/A	261.70	264.30	263.47	N/A	- 1.77	+ 0.83
23-07-202	287.70	292.70	295.02	295.15	- 7.45	- 2.45	- 0.13
23-07-404	N/A	284.90	286.95	287.58	N/A	- 2.68	- 0.63
23-07-501	295.44	297.90	300.85	301.09	- 5.65	- 3.19	- 0.24
23-07-503	293.30	295.08	296.70	299.28	- 5.98	- 4.20	- 2.58
23-07-601	302.07	305.61	308.02	308.18	- 6.11	- 2.57	- 0.16
23-07-702	215.26	218.25	220.30	220.06	- 4.80	- 1.81	+ 0.24
23-07-802	285.55	283.95	282.25	284.03	+ 1.52	- 0.08	- 1.78
23-07-901	287.17	291.40	294.16	298.57	- 11.40	- 7.17	- 4.41
23-08-201	279.60	285.85	280.40	281.12	- 1.52	+ 4.73	- 0.72
23-08-401	N/A	294.95	294.70	295.51	N/A	- 0.56	- 0.81
23-08-503	N/A	289.10	291.50	291.97	N/A	- 2.87	- 0.47
23-08-701	290.74	294.60	297.65	298.94	- 8.20	- 4.34	- 1.29
23-12-301	220.53	226.78	236.01	229.78	- 9.25	- 3.00	+ 6.23
23-13-101	214.76	225.58	232.49	231.88	- 17.12	- 6.30	+ 0.61
23-13-302	260.35	269.48	282.09	286.63	- 26.28	- 17.15	- 4.54
23-13-303	N/A	246.57	255.58	262.25	N/A	- 15.68	- 6.67
23-14-101	263.53	265.40	N/A	270.47	- 6.94	- 5.07	N/A
23-14-201	N/A	N/A	266.69	N/A	N/A	N/A	N/A
23-15-101	291.68	292.05	306.28	313.15	- 21.47	- 21.10	- 6.87
23-15-204	308.62	321.77	327.87	327.36	- 18.74	- 5.59	+ 0.51
23-16-101	320.12	326.08	330.80	335.30	- 15.18	- 9.22	- 4.50
23-16-204	N/A	N/A	315.05	318.55	N/A	N/A	- 3.50

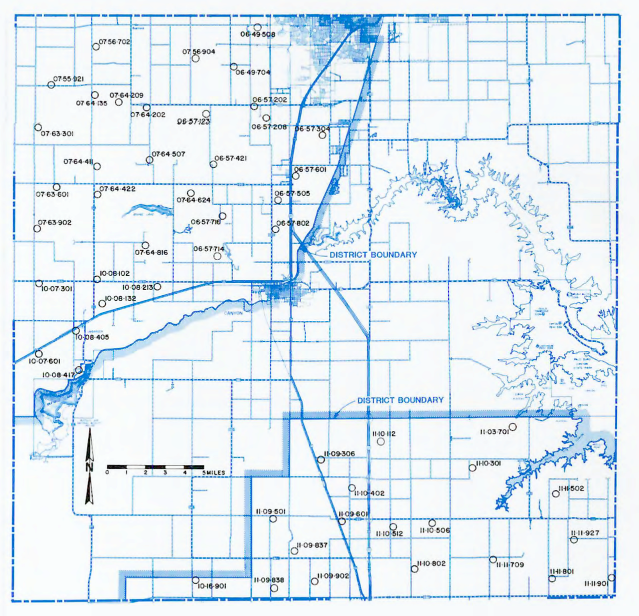
NOTE: N/A Denotes data not available

DEAF SMITH COUNTY

Well Number	Depth to Water Below Land Surface In Feet				Total Change In Water Levels In Feet		
	1989	1994	1998	1999	1989 to 1999	1994 to 1999	1998 to 1999
07-53-701	236.62	240.71	246.29	246.99	- 10.37	- 6.28	- 0.70
07-53-902	238.95	242.99	246.92	248.85	- 9.90	- 5.86	- 1.93
07-54-702	173.40	173.66	175.37	175.68	- 2.28	- 2.02	- 0.31
07-54-901	193.34	196.68	196.99	198.13	- 4.79	- 1.45	- 1.14
07-55-701	240.12	241.50	246.52	247.78	- 7.66	- 6.28	- 1.26
07-60-301	301.69	304.44	308.32	308.45	- 6.76	- 4.01	- 0.13
07-60-401	307.40	309.45	314.52	315.15	- 7.75	- 5.70	- 0.63
07-60-502	309.85	315.05	318.50	319.10	- 9.25	- 4.05	- 0.60
07-60-901	249.97	254.83	263.03	263.81	- 13.84	- 8.98	- 0.78
07-61-105	N/A	N/A	294.11	293.68	N/A	N/A	+ 0.43
07-61-224	266.58	274.08	276.48	277.35	- 10.77	- 3.27	- 0.87
07-61-324	N/A	230.99	233.20	233.74	N/A	- 2.75	- 0.54
07-61-523	N/A	N/A	263.56	265.06	N/A	N/A	- 1.50
07-61-601	228.10	232.89	239.69	238.02	- 9.92	- 5.13	+ 1.67
07-61-802	225.03	238.35	249.10	252.09	- 27.06	- 13.74	- 2.99
07-61-804	262.50	274.90	285.49	287.90	- 25.40	- 13.00	- 2.41
07-61-902	218.84	233.26	N/A	249.65	- 30.81	- 16.39	N/A
07-62-101	232.99	239.63	243.16	243.39	- 10.40	- 3.76	- 0.23
07-62-301	197.18	196.52	193.68	194.55	+ 2.63	+ 1.97	- 0.87
07-62-502	211.69	220.25	234.34	236.95	- 25.26	- 16.70	- 2.61
07-62-601	207.85	211.13	218.24	229.05	- 21.20	- 17.92	- 10.81
07-62-823	N/A	202.40	216.57	221.59	N/A	- 19.19	- 5.02
07-63-202	198.30	213.98	222.26	227.27	- 28.97	- 13.29	- 5.01
07-63-501	157.88	162.28	167.22	170.50	- 12.62	- 8.22	- 3.28
07-63-702	179.80	190.90	198.49	200.01	- 20.21	- 9.11	- 1.52
09-16-901	131.20	135.15	132.73	134.03	- 2.83	+ 1.12	- 1.30
10-03-201	301.25	305.17	307.83	308.60	- 7.35	- 3.43	- 0.77
10-03-501	259.40	N/A	258.98	259.10	+ 0.30	N/A	- 0.12
10-03-503	N/A	N/A	289.12	290.36	N/A	N/A	- 1.24
10-03-702	N/A	N/A	227.94	227.75	N/A	N/A	+ 0.19
10-03-902	266.30	264.47	266.49	266.15	+ 0.15	- 1.68	+ 0.34
10-03-903	258.15	257.58	257.49	257.79	+ 0.36	- 0.21	- 0.30
10-04-101	325.48	334.55	337.74	338.90	- 13.42	- 4.35	- 1.16
10-04-202	308.46	313.37	317.55	319.79	- 11.33	- 6.42	- 2.24
10-04-301	311.52	317.95	324.11	326.10	- 14.58	- 8.15	- 1.99
10-04-504	281.64	284.35	285.54	285.70	- 4.06	- 1.35	- 0.16
10-04-603	268.42	273.49	276.65	277.30	- 8.88	- 3.81	- 0.65
10-04-901	N/A	219.96	220.01	218.62	N/A	+ 1.34	+ 1.39
10-05-225	242.90	265.93	271.18	274.52	- 31.62	- 8.59	- 3.34
10-05-502	N/A	238.18	242.12	245.36	N/A	- 7.18	- 3.24
10-05-603	N/A	N/A	207.74	212.36	N/A	N/A	- 4.62
10-05-804	187.95	196.06	204.21	206.23	- 18.28	- 10.17	- 2.02
10-05-905	209.24	227.49	240.78	247.18	- 37.94	- 19.69	- 6.40
10-06-101	187.17	196.42	219.02	222.91	- 35.74	- 26.49	- 3.89
10-06-201	182.50	189.34	193.35	195.17	- 12.67	- 5.83	- 1.82
10-06-302	191.33	198.62	213.79	215.41	- 24.08	- 16.79	- 1.62
10-06-403	197.31	202.14	212.19	215.05	- 17.74	- 12.91	- 2.86
10-06-602	195.25	203.81	209.73	213.27	- 18.02	- 9.46	- 3.54
10-06-801	81.68	83.72	85.86	86.13	- 4.45	- 2.41	- 0.27
10-06-805	150.45	152.42	162.00	159.98	- 9.53	- 7.56	+ 2.02
10-06-909	161.98	162.33	164.76	165.79	- 3.81	- 3.46	- 1.03
10-07-403	169.90	173.45	181.02	183.43	- 13.53	- 9.98	- 2.41
10-07-404	187.60	187.85	195.02	196.01	- 8.41	- 8.16	- 0.99
10-07-701	108.69	108.92	110.65	110.98	- 2.29	- 2.06	- 0.33
10-07-805	138.60	139.50	141.76	140.96	- 2.36	- 1.46	+ 0.80
10-09-701	137.74	138.25	138.49	139.33	- 1.59	- 1.08	- 0.84
10-09-801	53.58	53.80	54.28	55.00	- 1.42	- 1.20	- 0.72
10-10-701	162.07	162.15	164.17	162.63	- 0.56	- 0.48	+ 1.54
10-11-401	193.43	200.35	N/A	N/A	N/A	N/A	N/A
10-11-501	201.11	202.38	204.27	204.70	- 3.59	- 2.32	- 0.43
10-11-601	161.36	161.41	162.92	163.18	- 1.82	- 1.77	- 0.26
10-11-802	236.45	238.51	236.08	240.23	- 3.78	- 1.72	- 4.15
10-11-901	202.30	205.95	204.29	204.25	- 1.95	+ 1.70	+ 0.04
10-12-104	N/A	N/A	182.80	184.40	N/A	N/A	- 1.60
10-12-201	70.95	74.60	76.37	76.75	- 5.80	- 2.15	- 0.38
10-12-302	208.55	217.60	224.42	225.82	- 17.27	- 8.22	- 1.40
10-12-404	223.19	225.15	224.42	225.35	- 2.16	- 0.20	- 0.93
10-12-504	228.99	237.65	236.12	237.08	- 8.09	+ 0.57	- 0.96
10-12-703	197.10	201.15	201.17	204.03	- 6.93	- 2.88	- 2.86
10-12-904	197.08	206.60	211.15	214.60	- 17.52	- 8.00	- 3.45
10-13-104	236.58	248.82	258.91	260.81	- 24.23	- 11.99	- 1.90
10-13-230	247.44	255.20	258.59	261.80	- 14.36	- 6.60	- 3.21
10-13-305	192.41	202.55	214.02	217.28	- 24.87	- 14.73	- 3.26
10-13-307	182.65	191.82	196.07	198.84	- 16.19	- 7.02	- 2.77
10-13-401	212.44	229.15	234.09	234.64	- 22.20	- 5.49	- 0.55
10-13-404	189.57	204.95	212.57	216.48	- 26.91	- 11.53	- 3.91
10-13-806	191.06	204.80	213.77	220.52	- 29.46	- 15.72	- 6.75
10-13-909	N/A	224.05	230.93	232.63	N/A	- 8.58	- 1.70
10-14-104	77.49	76.62	77.29	76.95	+ 0.54	- 0.33	+ 0.34
10-14-205	101.82	99.25	101.57	100.77	+ 1.05	- 1.52	+ 0.80
10-14-206	121.05	117.55	119.72	119.67	+ 1.38	- 2.12	+ 0.05
10-14-207	N/A	65.42	66.90	67.80	N/A	- 2.38	- 0.90
10-14-405	N/A	N/A	135.18	135.50	N/A	N/A	- 0.32
10-14-513	101.14	100.63	100.86	100.91	+ 0.23	- 0.28	- 0.05
10-14-702	200.40	204.75	203.75	204.27	- 3.87	+ 0.48	- 0.52
10-14-704	162.37	164.60	166.12	166.47	- 4.10	- 1.87	- 0.35
10-14-706	N/A	N/A	209.30	210.59	N/A	N/A	- 1.29
10-14-901	111.46	111.50	112.12	111.47	- 0.01	+ 0.03	+ 0.65
10-21-201	234.80	240.47	250.57	247.15	- 12.35	- 6.68	+ 3.42

NOTE: N/A Denotes data not available





RANDALL COUNTY

Well Number	Depth to Water Below Land Surface In Feet				Total Change In Water Levels In Feet		
	1989	1994	1998	1999	1989 to 1999	1994 to 1999	1998 to 1999
06-49-508	N/A	215.73	215.94	216.69	N/A	- 0.96	- 0.75
06-49-704	215.39	219.05	221.66	222.38	- 6.99	- 3.33	- 0.72
06-57-123	N/A	242.52	246.33	244.28	N/A	- 1.76	+ 2.05
06-57-202	204.03	208.23	210.71	208.08	- 4.05	+ 0.15	+ 2.63
06-57-208	197.98	204.90	211.23	205.19	- 7.21	- 0.29	+ 6.04
06-57-304	161.56	164.53	170.77	169.27	- 7.71	- 4.74	+ 1.50
06-57-421	189.29	188.15	190.71	191.93	- 2.64	- 3.78	- 1.22
06-57-505	182.74	185.98	189.55	191.88	- 9.14	- 5.90	- 2.33
06-57-601	185.26	185.73	187.44	188.55	- 3.29	- 2.82	- 1.11
06-57-714	N/A	118.75	119.22	119.87	N/A	- 1.12	- 0.65
06-57-716	170.61	172.22	173.76	174.43	- 3.82	- 2.21	- 0.67
06-57-802	155.44	158.65	162.94	164.01	- 8.57	- 5.36	- 1.07
07-55-921	231.62	234.70	242.07	242.35	- 10.73	- 7.65	- 0.28
07-56-702	254.95	260.50	267.13	256.37	- 1.42	+ 4.13	+ 10.76
07-56-904	N/A	209.60	211.25	211.77	N/A	- 2.17	- 0.52
07-63-301	232.18	N/A	240.28	241.38	- 9.20	N/A	- 1.10
07-63-601	191.21	198.56	205.03	205.68	- 14.47	- 7.12	- 0.65
07-63-902	169.36	171.30	175.87	176.08	- 6.72	- 4.78	- 0.21
07-64-135	222.72	221.79	221.77	223.08	- 0.36	- 1.29	- 1.31
07-64-202	187.51	191.46	189.66	188.86	- 1.35	+ 2.60	+ 0.80
07-64-209	181.58	183.11	182.51	182.87	- 1.29	+ 0.24	- 0.36
07-64-411	120.84	124.60	126.41	126.93	- 6.09	- 2.33	- 0.52
07-64-422	N/A	111.92	114.59	115.44	N/A	- 3.52	- 0.85
07-64-507	159.18	160.84	159.65	159.79	- 0.61	+ 1.05	- 0.14
07-64-624	173.39	177.02	N/A	N/A	N/A	N/A	N/A
07-64-816	139.30	140.55	141.38	141.69	- 2.39	- 1.14	- 0.31
10-07-301	139.72	141.40	142.18	142.97	- 3.25	- 1.57	- 0.79
10-07-601	103.84	105.63	109.82	109.05	- 5.21	- 3.42	+ 0.77
10-08-102	149.05	153.01	150.88	150.89	- 1.84	+ 2.12	- 0.01
10-08-132	175.57	179.10	179.66	181.53	- 5.96	- 2.43	- 1.87
10-08-213	131.96	132.30	133.24	133.52	N/A	- 1.22	- 0.28
10-08-405	N/A	114.05	115.96	116.03	N/A	- 1.98	- 0.07
10-08-417	97.78	98.20	98.68	98.72	- 0.94	- 0.52	- 0.04
10-16-901	184.51	183.86	184.14	184.38	+ 0.13	- 0.52	- 0.24
11-03-701	N/A	N/A	129.21	N/A	N/A	N/A	N/A
11-09-306	163.55	166.65	163.62	163.46	+ 0.09	+ 3.19	+ 0.16
11-09-501	185.40	184.08	184.17	184.04	+ 1.36	+ 0.04	+ 0.13
11-09-601	195.08	193.15	192.15	191.29	+ 3.79	+ 1.86	+ 0.86
11-09-837	177.31	176.75	175.68	175.27	+ 2.04	+ 1.48	+ 0.41
11-09-838	N/A	189.17	187.61	188.06	N/A	+ 1.11	- 0.45
11-09-902	197.28	199.90	191.71	192.07	+ 5.21	+ 7.83	- 0.36
11-10-112	N/A	N/A	131.85	131.07	N/A	N/A	+ 0.78
11-10-301	127.63	128.80	127.82	127.58	+ 0.05	+ 1.22	+ 0.24
11-10-402	174.16	174.18	172.22	172.24	+ 1.92	+ 1.94	- 0.02
11-10-506	142.90	144.60	145.91	145.97	- 3.07	- 1.37	- 0.06
11-10-512	177.35	175.44	174.08	173.51	+ 3.84	+ 1.93	+ 0.57
11-10-802	176.07	177.71	171.18	173.96	+ 2.11	+ 3.75	- 2.78
11-11-502	167.41	167.36	168.54	168.98	- 1.57	- 1.62	- 0.44
11-11-709	182.30	179.34	177.63	182.28	+ 0.02	- 2.94	- 4.65
11-11-801	135.86	137.32	140.10	140.08	- 4.22	- 2.76	+ 0.02
11-11-901	134.91	135.62	138.80	141.49	- 6.58	- 5.87	- 2.69
11-11-927	147.85	149.20	151.52	151.98	- 4.13	- 2.78	- 0.46

NOTE: N/A Denotes data not available