PANHANDLE GROUNDWATER DISTRICT
"Conserving Water for Future Generations"

Panhandle Water News

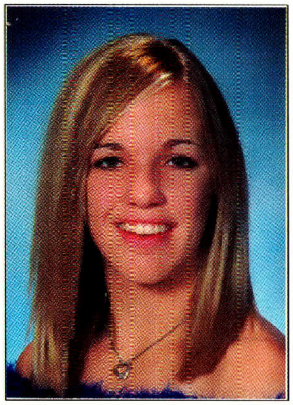
JULY 2007

Points of Interest

County Contour Map Index

FIFTH ANNUAL PGCD SCHOLARSHIP WINNERS ANNOUNCED

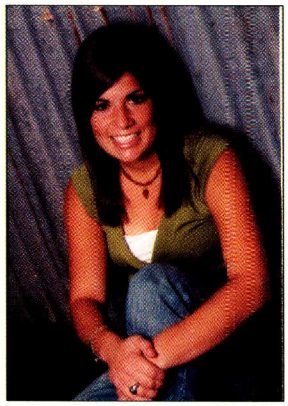
1st Place
Rebecca E. Rapstine



$4,000 Scholarship

Becca Rapstine attends White Deer High School, where she is ranked 3rd of 33 students, with a 3.69 GPA. Her parents are Chris and Linda Kay Rapstine.

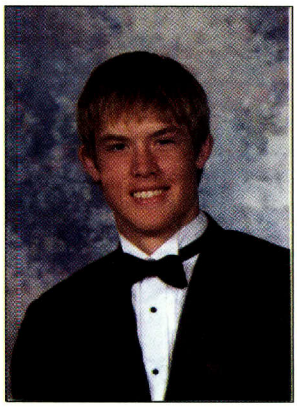
2nd Place
Jessica Cornell



$3,000 Scholarship

Jessie Cornell attends Claude High School and is valedictorian of her class of 25 students, with a 3.9 GPA. Her parents are Clint and Shannon Cornell.

3rd Place
Thane Barkley



$2,000 Scholarship

Thane is salutatorian of his class of eleven students at Groom High School. He has a 3.81 GPA. His parents are Keith and Kathleen Barkley.

80th Legislative Session Ends Memorial Day Weekend

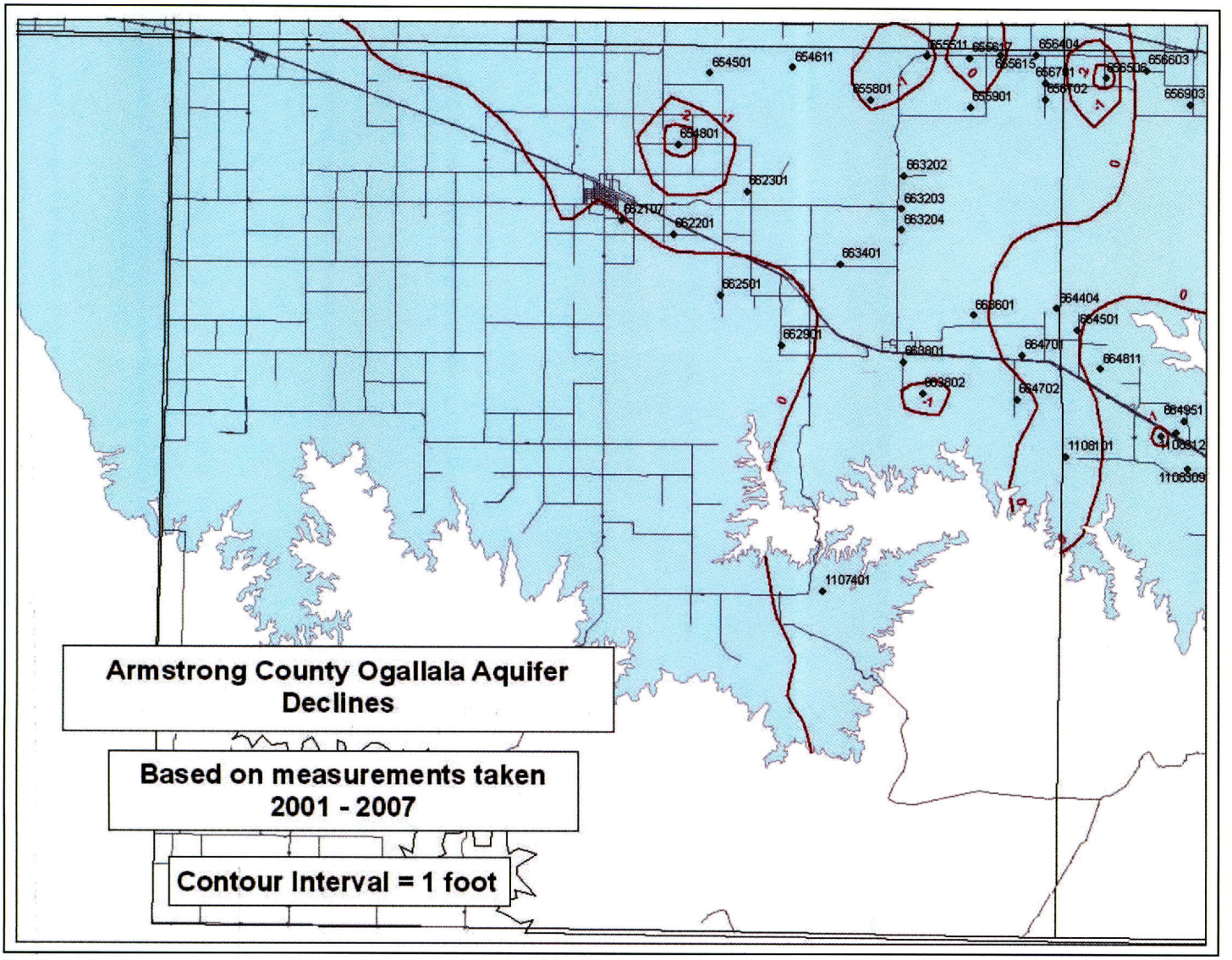
Mr. John Howard, of Vinson & Elkins LLP in Austin, provided a concise explanation of the bills that were passed in the 80th Legislative Session. With his permission, we are printing some of his comments, and the explanation of bills that pertain to groundwater districts.

Some are calling Memorial weekend as the Memorial Day Mutiny, as 50 legislators left the House in the early morning hours of May 28, preventing a quorum and halting further consideration of a host of bills. The activity capped a weekend of several challenges to the Speaker, the resignation and replacement of the House parliamentarians, and several personal privilege speeches about the House leadership. The healing seemed to begin on Monday, when the House went back to work and passed bills, hugged and took photos, and adjourned.

Two bills passed that directly affect groundwater districts:

SB 714 requires oil/gas water well drillers in groundwater conservation districts to report monthly on their water withdrawal; allows districts to require oil/gas drillers that don't meet the district's spacing requirements to comply with the district's well plugging requirements (even if otherwise exempt from district rules.)

***Session** continues on page 3*



Armstrong County Ogallala Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
654501	-263.2	-254.2	-253.1	-254.8	8.4	-0.6	-1.7
654611	-309	-311.5	-314.4	-314.7	-5.75	-3.2	-0.3
654801	-295.8	-294.1	-293.5	-306	-10.2	-11.9	-12.5
655511		-348.4	-353.1	-353.7		-5.3	-0.6
655615	-346.7	-352.4	-351.3	-352.4	-5.7	0	-1.1
655617		-350.4	-349.3	-343.4		7	5.9
655801	-128.4	-130.7	-134.7	-135.9	-7.55	-5.2	-1.2
655901	-238.9	-246.2	-248.8	-247.6	-8.68	-1.4	1.2
656404	-339.6	-341.9	-344.9	-345.7	-6.07	-3.8	-0.8
656701			-344.9	-345.3			-0.4
656702	-333.2	-332.6	-334.9	-335.7	-2.55	-3.1	-0.8
662107			-172.5	-173.2			-0.7
662201	-186.4	-186.6	-187.3	-187.5	-1.15	-0.9	-0.2
662301		-284	-279.8	-284.5		-0.5	-4.7
662501	-191.2	-189.3	-185.7	-186.2	5	3.1	-0.5
662901			-222.1	-222.3			-0.2
663202	-156.2	-159.1	-174.1	-161.8	-5.6	-2.7	12.3
663203		-167.2	-173.1	-169.9		-2.7	3.2

Armstrong County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
663204	-162.3	-165.3		-169.3	-6.97	-4	
663401	-193.8	-194.5	-194.4	-195.3	-1.5	-0.8	-0.9
663601	-93	-94.4	-95.5	-95.3	-2.3	-0.9	0.2
663801	-192.4	-193.6	-194.6	-194.7	-2.3	-1.1	-0.1
663802	-196.1	-197.5	-204.9	-204.6	-8.48	-7.1	0.3
664404	-108.9	-114.1	-117.7	-117.9	-9.05	-3.8	-0.2
664701	-118.5	-130.8	-129	-129	-10.5	1.8	0
664702	-137.7	-139.2	-142.2	-141.8	-4.15	-2.6	0.4
1107401	-119.2	-115.1	-116.1	-116.7	2.5	-1.6	-0.6

Agricultural Loan Funds

Available for Low Pressure Sprinkler Systems
Interest Rate: 5.9%
Call: 806-883-2501
Or
Come by District office to pick up an application
201 W. Third St., White Deer

Sessions Continued from Page 1

SB 1383 provides additional procedural steps for a citizen filing a private cause of action against a neighboring landowner who illegally drills or operates a water well in a groundwater conservation district, including filing a complaint with the district first.

The other bills pertaining to groundwater follow.

SB 3 (Averitt/Puente), this session's water supply bill addresses environmental flows (see HB 3), water conservation and planning (see HB 4). designation of streams with unique ecological value and reservoirs (including the House's several landowner protections), the Edwards Aquifer Authority pumping limits compromise, and creates and amends some water districts and MUDs. This was one of the most hotly contested bills of the session and barely survived on the last day.

HB 3 (Puente/Averitt) establishes processes and advisory groups to ensure instream flows and freshwater inflows to bays and estuaries (environmental flows) for any new or increased water rights. Senate amendments and the final bill added the Edwards Aquifer Authority pumping limits compromise. This bill is part of SB 3, which also passed.

HB 4 (Puente/Averitt) tackles water conservation. It encourages water conservation through voluntary land stewardship; creates a 23-person water advisory council to monitor and report on the state's water conservation; requires certain retail public utilities to adopt water conservation plans and submit annual reports to the Texas Water Development Board (TWDB); authorizes TWDB to issue loans for water conservation; requires TWDB to create a statewide water conservation education program if the Legislature appropriates the funds; requires new state buildings to use rainwater harvesting for non-potable and landscape watering; allows home-rule municipalities to adopt and enforce water conservation ordinances; and exempts from sales tax tangible personal property used to process, reuse, or recycle wastewater used in fracturing work performed at an oil or gas well (from Averitt's SB 1816.)

HB 1090 (Swinford/Jackson) authorizes $30 million annually for Department of Agriculture grants to farmers, loggers, and diverters who provide qualified agricultural biomass, forest wood waste, urban wood waste, or storm-generated biomass debris to facilities that use biomass to generate electrical energy.

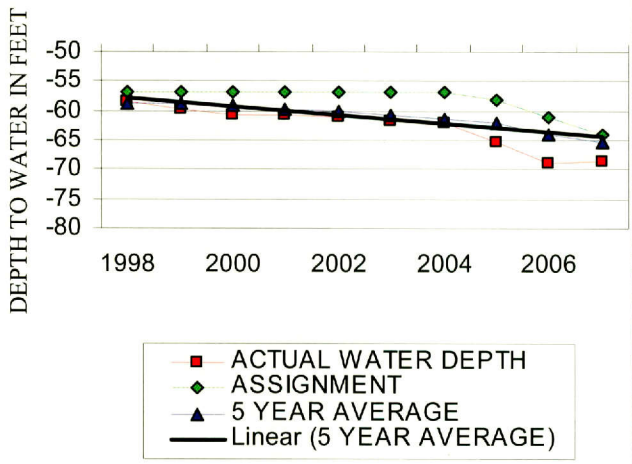
HB 1495 (Callegari/Nichols) requires the Attorney General to write, and governments to give, landowners potentially subject to eminent domain a notice with their "landowner's bill of rights."

HB 3554 (Isett/Duncan) amends TCEQ's petroleum storage tank remediation program to require TCEQ to use risk-based corrective action (and set implementing rules) extends the program by 4 years (from 2007 to 2011 expiration), lowers the fees on withdrawing petroleum from bulk storage, and allows (rather than requires) TCEQ to impose annual fees on PST facility operators if the bulk storage withdrawal fee is discontinued.

HB 3769 (Bonnen/Averitt) allows employees of political subdivisions to be eligible to be a TCEQ or TWDB board member (but does not change the federal Clean Water Act eligibility restrictions.)

For bills passed in the session's closing days, the Governor has until June 17 to use his veto pen.

What do the maps show?



Well Trend Analysis

All maps in this newsletter show the contoured decline, in feet, of the water aquifers in this District. Most maps were drawn using the difference of the 5 year average, where available. The map of the Seymour Aquifer declines was drawn using the actual difference in annual measurements. The charts show the actual difference, in feet, for a particular well on annual, 5 year, and 10 year measurements.

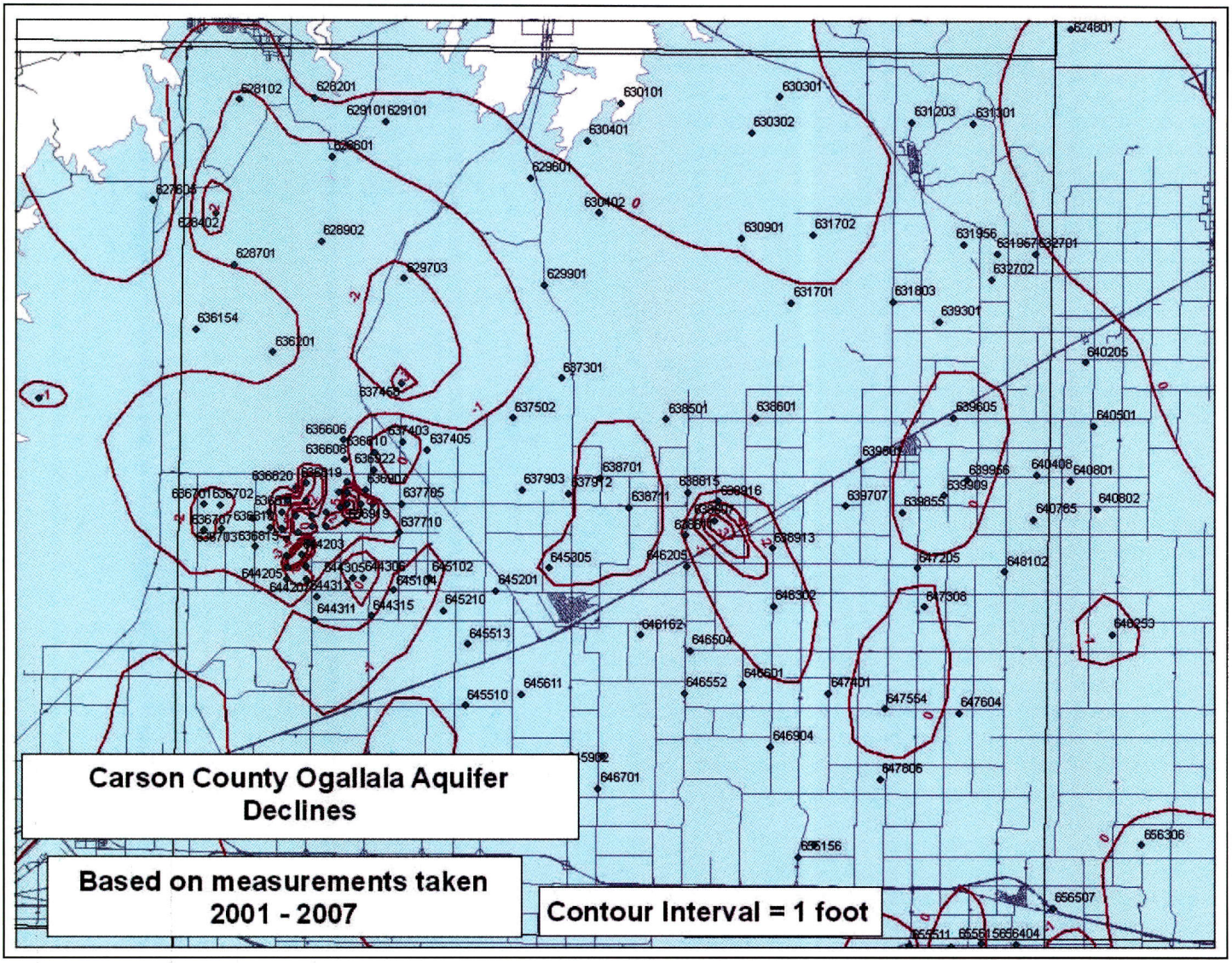
If you would like to see a trend analysis for your area, or on an individual well in your area, (as shown above) please contact Amy Crowell at the District office at 806-883-2501.

Water Conservation Education 2006-2007 Wrap-Up

During the 2006-2007 school year the education director position was shared by Patrick Warminski and Jennifer Wright. Warminski was director from September until February when he left the district; and Wright took over the position along with the help of Anita Haiduk and Chad Gerard. Over 4,000 miles were traveled and a total of 2040 students, in 44 different schools were given the presentation, a waterwheel and a water saving kit. This could not have been possible without the cooperation and dedication of outstanding school's faculties. Everyone worked hard to get the presentation in before the end of the school year as indicated with the last presentation being given in the last week of school on May 23, 2007.

For the fourth year, the PGCD gave fifth grade students across the District the opportunity to take home a water saver kit. The kit contains a high efficiency shower head, kitchen and bathroom sink

***Education** continues on page 19*



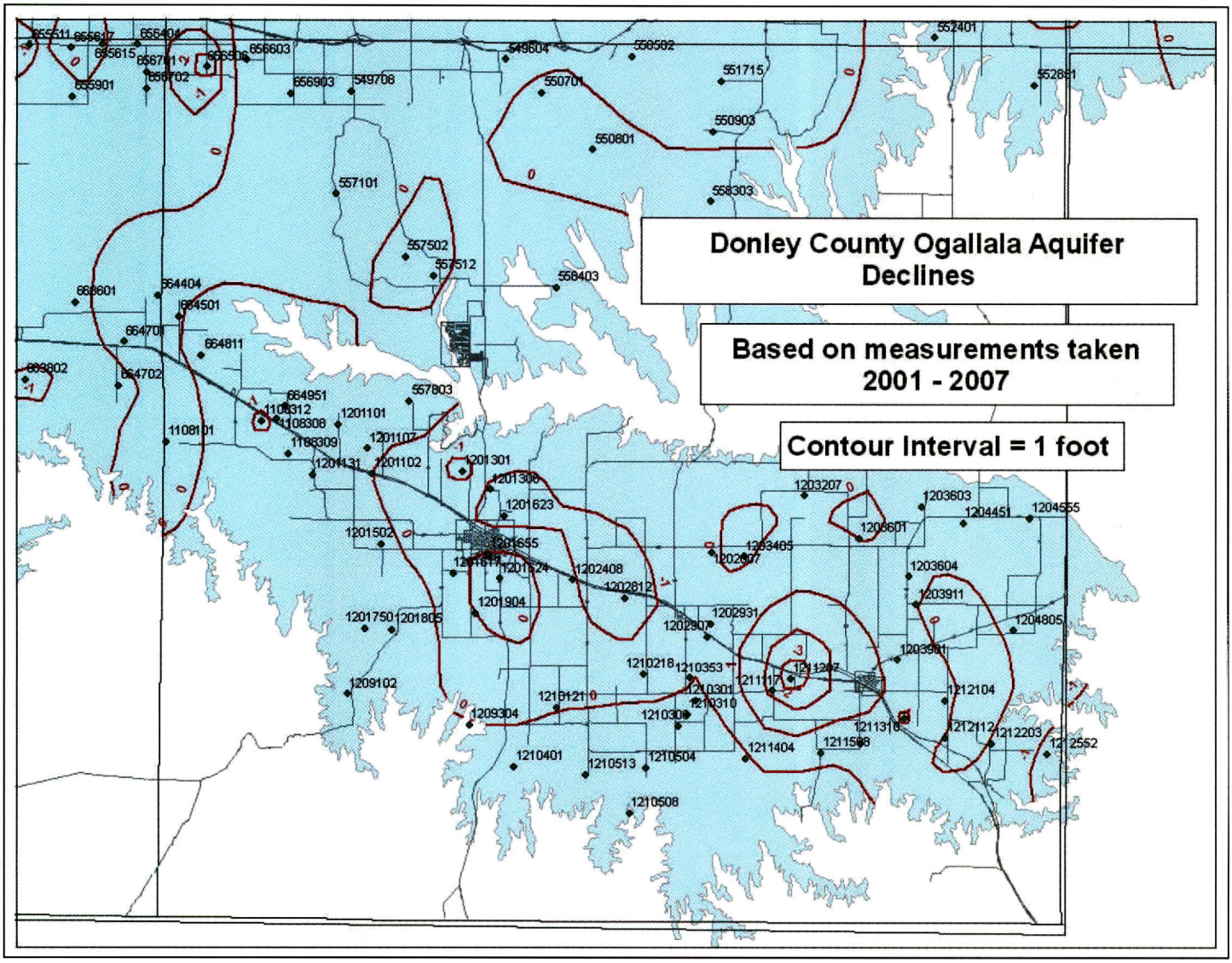
Carson County Ogallala Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
628102	-203.4	-203.5	-205.2	-208.5	-5.1	-5	-3.3
628201	-92.4		-97.3	-97.3	-4.9		0
628402	-192.7	-193.2	-207	-207.4	-14.7	-14.2	-0.4
628601	-58.6	-61.2	-69	-68.7	-10.1	-7.5	0.3
628701	-265.6	-250.7	-255.8	-255.3	10.3	-4.6	0.5
629101	-55	-140.8	-54.9	-55.1	-0.1	85.7	-0.2
629601	-51.15	-53.2	-52.8	-53.7	-2.55	-0.5	-0.9
629703			-280.9	-280.6			0.3
629901	-80.2	-79.8	-81.6	-82.7	-2.5	-2.9	-1.1
630101			-29.4	-29.4			0
630301	-150.2	-150.4	-150.1	-149.9	0.25	0.5	0.2
630302			-229.2	-230.2			-1
630401			-190.3	-190.8			-0.5
630402			-119.3	-120.9			-1.6
630901			-327.7	-328.6			-0.9
631203	-297.6	-298.4	-299.1	-298.6	-1	-0.2	0.5
631301	-121.4	-122.3	-122.9	-122.9	-1.5	-0.6	0
631701	-386.2	-389.7	-389.9	-390.2	-4	-0.5	-0.3
631702	-277.8	-278	-276.4	-276.5	1.3	1.5	-0.1

Carson County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
631803		-394.9	-395.2	-395.9		-1	-0.7
631956		-224.7	-225.1	-226.7		-2	-1.6
631957		-328.1	-328.1	-329.9		-1.8	-1.8
632701		-392.2	-391.8	-392.3		-0.1	-0.5
632702	-402.2	-401.3	-403.6	-403.7	-1.5	-2.4	-0.1
636154		-314.9	-318.2	-318.1		-3.2	0.1
636201	-361.5		-357.8	-357.1	4.4		0.7
636606		-477.8	-485.4	-484.3		-6.5	1.1
636608		-495.1	-501.2	-500.4		-5.3	0.8
636610		-424	-424	-422		2	2
636701		-468	-470	-482		-14	-12
636702		-450	-451	-463		-13	-12
636703		-484	-478	-487		-3	-9
636707		-463	-475	-476		-13	-1
636801	-495.7		-518.3	-518.8	-23.1		-0.5
636807		-508	-538	-539		-31	-1
636808		-526	-526	-526		0	0
636809		-522	-515	-518		4	-3
636810		-540	-537	-538		2	-1

Carson County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
636811		-525	-539	-531		-6	8
636812		-513	-537	-544		-31	-7
636813		-521	-530	-534		-13	-4
636815	-500.1	-511.8	-517.4	-517.2	-17.1	-5.4	0.2
636816		-536	-542.9	-542.6		-6.6	0.3
636817		-532	-534	-545		-13	-11
636818		-499	-501	-511		-12	-10
636819		-484	-504	-505		-21	-1
636820		-528	-521	-528		0	-7
636901	-467.5	-481.1	-490.2	-490	-22.5	-8.9	0.2
636905		-533	-538	-536		-3	2
636907		-499	-497	-501		-2	-4
636909		-485	-524	-524		-39	0
636910		-478	-489.9	-490		-12	-0.1
636912		-519	-521	-515		4	6
636913		-514	-525	-523		-9	2
636914		-535	-511	-510		25	1
636915		-518	-529	-529		-11	0
636916		-544	-522	-531		13	-9
636919		-502.3	-510.1	-508.7		-6.4	1.4
636920		-498	-523	-516		-18	7
636921		-517	-512	-517		0	-5
636922		-455	-460	-460		-5	0
637301	-268.4	-271.5	-272.9	-272.6	-4.2	-1.1	0.3
637403	-470.1	-451.5	-458.9	-459.5	10.6	-8	-0.6
637405	-435.1	-439.6	-441	-440.8	-5.7	-1.2	0.2
637458		-416.7	-433.5	-434.5		-17.8	-1
637502			-305.5	-305.7			-0.2
637705	-467.3	-456.2	-459.6	-459.4	7.9	-3.2	0.2
637710			-433.8	-433.9			-0.1
637903	-421.3	-426.8	-424.1	-424.5	-3.2	2.3	-0.4
637912		-401.5	-403.6	-404.2		-2.7	-0.6
638501	-377	-382.4	-384.1	-384.6	-7.6	-2.2	-0.5
638601	-369.1	-371	-371.8	-371.5	-2.4	-0.5	0.3
638701	-412.1	-422.1	-416.3	-416.8	-4.7	5.3	-0.5
638711		-423.5	-426.8	-426.2		-2.7	0.6
638807	-405.4	-403.5	-405.7	-405.3	0.1	-1.8	0.4
638811	-423.7	-425.4	-428.7	-428.2	-4.5	-2.8	0.5
638815		-416.3	-418.5	-418.9		-2.6	-0.4
638913		-398.9	-402.2	-402.7		-3.8	-0.5
638916		-405	-410.3	-410.1		-5.1	0.2
639301	-419.9	-397.8	-397.9	-398.3	21.6	-0.5	-0.4
639501	-366.1	-368.4	-371	-371.1	-5.05	-2.7	-0.1
639605			-286.8	-287.4			-0.6
639707		-380.6	-384.9	-383.5		-2.9	1.4
639855		-393.3	-392.4	-391.8		1.5	0.6
639909		-352	-352.1	-349.3		2.7	2.8
639956		-365.7	-363.4	-364.1		1.6	-0.7
640408	-363.7	-369.9	-369.8	-370.8	-7.14	-0.9	-1
640765	-325	-326.2	-343.2	-342.9	-17.9	-16.7	0.3
644202		-531	-538.4	-537.8		-6.8	0.6

Carson County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
644203		-528	-535	-538		-10	-3
644204		-485	-485	-490		-5	-5
644205		-509	-534	-530		-21	4
644206		-532	-534	-540		-8	-6
644207		-513	-514	-524		-11	-10
644305		-472	-452	-454		18	-2
644306		-471	-456	-460		11	-4
644311	-470	-483	-487.8	-488.5	-18.5	-5.5	-0.7
644312	-491.2	-500.4	-503.4	-503.1	-11.9	-2.7	0.3
644315		-442.9	-450.1	-450.7		-7.8	-0.6
645102	-428.8	-432.5	-437.5	-438.9	-10.1	-6.4	-1.4
645104		-417.1	-423.6	-425.8		-8.7	-2.2
645201	-418	-421.8	-428.2	-425	-7	-3.2	3.2
645210		-432.4	-437	-438.2		-5.8	-1.2
645305		-433.8	-432.1	-433.7		0.1	-1.6
645510		-423	-423.4	-423.9		-0.9	-0.5
645513		-435.3	-436.9	-438.9		-3.6	-2
645611	-414.5	-415.8	-419	-419.3	-4.8	-3.5	-0.3
645902	-386.3	-391.7	-391.7	-393.2	-6.88	-1.5	-1.5
646162		-374.9	-378.5	-378.6		-3.7	-0.1
646205		-419.2	-425.7	-421.3		-2.1	4.4
646302	-381.6	-369	-374.4	-377.4	4.2	-8.4	-3
646302			-375	-378.3			-3.3
646504		-381.4	-382.3	-381.5		-0.1	0.8
646552		-354	-354.3	-355.9		-1.9	-1.6
646601	-371.6		-372.2	-372	-0.4		0.2
646701	-393.5	-376.5	-380.2	-380	13.5	-3.5	0.2
646757			-375.3	-375.3			0
646904		-361.2	-362.6	-362.7		-1.5	-0.1
647205	-376.6	-377	-377.7	-377.3	-0.7	-0.3	0.4
647308	-299	-298	-299.1	-297.9	1.1	0.1	1.2
647401	-346.3	-346.9	-351.9	-350.8	-4.5	-3.9	1.1
647554		-318.4	-307.4	-308.6		9.8	-1.2
647604	-341	-315.3	-318.3	-317.8	23.2	-2.5	0.5
647806		-352.1	-352.3	-354.7		-2.6	-2.4
647806			-355.8	-356.7			-0.9
648102		-351.2	-352.8	-352.8		-1.6	0
654606	-366.8	-369.5	-374.2	-372.5	-5.7	-3	1.7
655113		-371.2	-371.9	-374.3		-3.1	-2.4
655156		-371.2	-373.3	-373.5		-2.3	-0.2

Donley County Ogallala Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
549604	-237.3	-239.8	-236.8	-244.4	-7.1	-4.6	-7.6
549708		-319.8	-318.6	-318.9		0.9	-0.3
550502	-129.8	-129	-124.9	-124	5.8	5	0.9
550701	-117.5	-112.9	-119.7	-114.2	3.3	-1.3	5.5



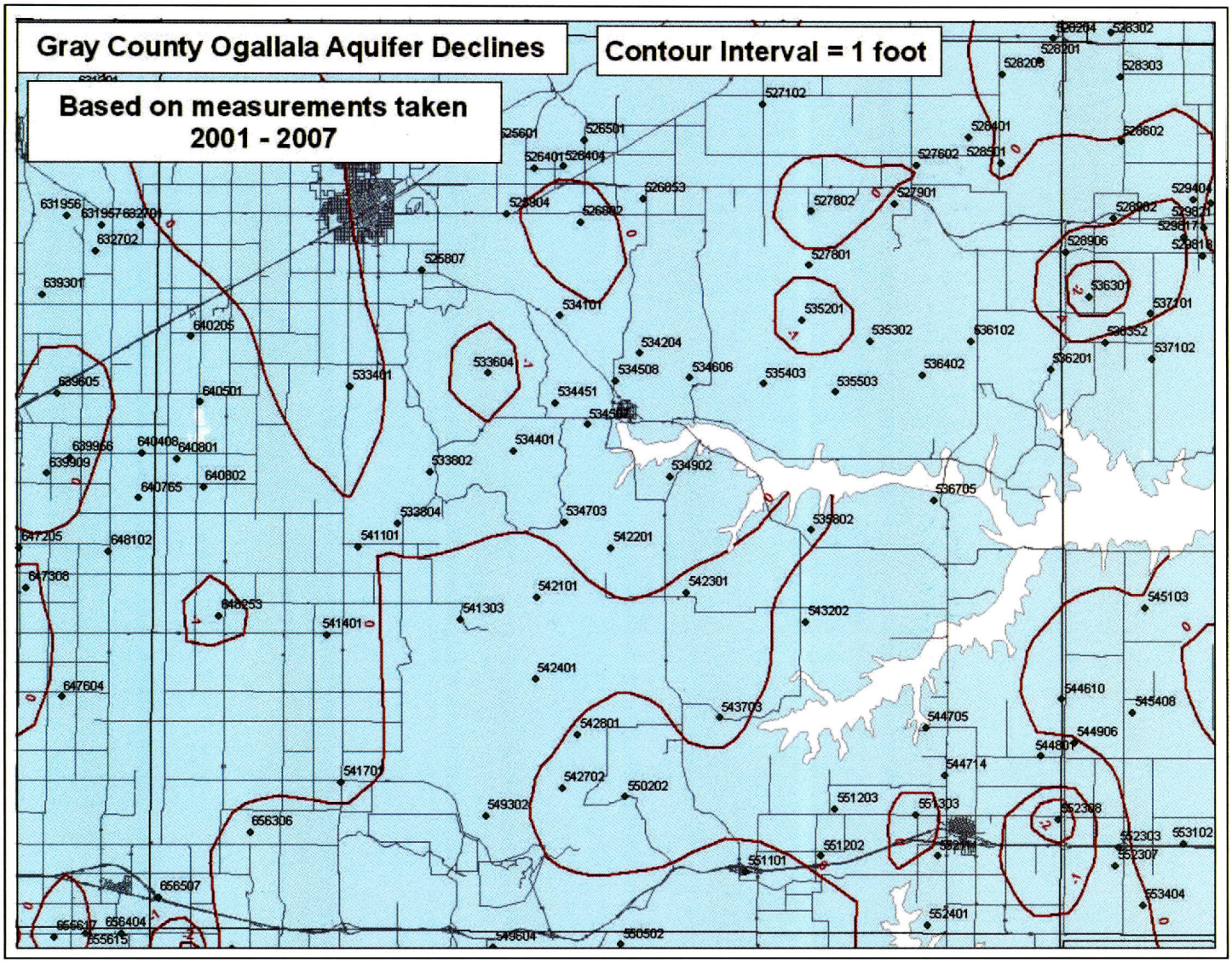
Donley County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
550801		-101.2	-108.2	-105.1		-3.9	3.1
550903	-117.3	-116	-106.9	-114.9	2.4	1.1	-8
551715	-116	-112.7	-112.6	-110.5	5.45	2.2	2.1
552851		-120.6	-124	-123.4		-2.8	0.6
557101	-113.5	-112.3	-112.2	-111.2	2.3	1.1	1
557502	-96.6	-95.6	-96.2	-103	-6.4	-7.4	-6.8
557512		-40.4	-40.2	-42		-1.6	-1.8
557803	-93	-88	-88	-84.4	8.6	3.6	3.6
558303	-44.5	-38.9	-36.4	-41.9	2.6	-3	-5.5
558403		-154.2	-146.7	-144.8		9.4	1.9
656506		-335.5	-353.1	-347.9		-12.4	5.2
656603	-300.3	-313.2	-305.8	-314.1	-13.8	-0.9	-8.3
656903	-325.7	-321.1		-347.1	-21.4	-26	
664501	-110.1	-115.5	-116	-116.5	-6.4	-1	-0.5
664811	-93.4	-97.7	-96.4	-98.1	-4.7	-0.4	-1.7
664951		-63	-64.3	-63		0	1.3
1108101		-105.2	-96.2	-99.3		5.9	-3.1
1108308	-60.5	-67.6	-66.2	-68.9	-8.4	-1.3	-2.7

Donley County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
1108309		-71.3	-72.6	-74.1		-2.8	-1.5
1108312		-70.1	-73.5	-76.6		-6.5	-3.1
1201101	-93.1	-93.4	-99.6	-96.5	-3.4	-3.1	3.1
1201102	-34.6	-33.6	-34.8	-34.8	-0.2	-1.2	0
1201107			-46.5	-51.5			-5
1201131	-50.1	-59.7	-53.9	-52	-1.9	7.7	1.9
1201301	-47.5	-44.4	-42.9	-49.8	-2.3	-5.4	-6.9
1201306	-42.4	-49.5	-48.7	-54.4	-12	-4.9	-5.7
1201502	-131.6	-131.7	-130	-130.7	0.9	1	-0.7
1201617	-120.1	-119	-116.4	-115.2	4.85	3.8	1.2
1201623	-64.8	-55.4	-63.1	-65.1	-0.3	-9.7	-2
1201624	-102.4	-104.2	-93.6	-93.6	8.8	10.6	0
1201655		-56.3	-55.6	-56.1		0.2	-0.5
1201750		-111.2	-113.1	-115.7		-4.5	-2.6
1201805	-194.1	-203.3	-197.1	-199	-4.95	4.3	-1.9
1201904	-148	-143.2	-141.7	-146.9	1.1	-3.7	-5.2
1202408	-18.9	-17.3	-20.6	-23	-4.1	-5.7	-2.4
1202607	-70.5	-78.1	-76.5	-78.3	-7.8	-0.2	-1.8

Donley County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
1202812		-16.5	-21.3	-24.7		-8.2	-3.4
1202907		-11.2	-11.2	-11.6		-0.4	-0.4
1202931	-38.75	-38.9	-39.2	-40.4	-1.65	-1.5	-1.2
1203207	-80.3	-79.9	-81.4	-80.3	0	-0.4	1.1
1203405		-81	-71	-79.4		1.6	-8.4
1203601		-103.3	-97.5	-102.2		1.1	-4.7
1203603		-86.5	-87.2	-87.9		-1.4	-0.7
1203604			-95	-94.8			0.2
1203901	-66.2	-62.6	-91.1	-100.4	-34.2	-37.8	-9.3
1203911			-44.7	-46.8			-2.1
1204451				-122.6			
1204555		-2.8	-4.6	-6.2		-3.4	-1.6
1204805	-35.5	-28.2	-26	-29.7	5.8	-1.5	-3.7
1209102		-98.1	-100.1	-100.5		-2.4	-0.4
1209304	-20.8	-24.8	-24.2	-24.6	-3.8	0.2	-0.4
1210121			-129.3	-130.2			-0.9
1210218	-61.55	-66.7	-62.8	-66.8	-5.25	-0.1	-4
1210301		-14.7	-13.4	-10.5		4.2	2.9
1210306		-33.4	-35	-31.3		2.1	3.7
1210310		-30.7	-28.9	-25.8		4.9	3.1
1210353		-19.8	-20.2	-22.8		-3	-2.6
1210401	-117.9	-112.8	-116.1	-112.7	5.2	0.1	3.4
1210504	-88.1	-107.7	-92.5	-99.8	-11.7	7.9	-7.3
1210508		-29.2	-25.3	-24.8		4.4	0.5
1210513			-116.3	-115.7			0.6
1211117			-137.2	135.5			273
1211207	-89.3	-96.7	-117.1	-115.3	-26	-18.6	1.8
1211310	-81.6	-74.4	-78.7	-81.8	-0.2	-7.4	-3.1
1211353	-104.1	-103.5	-104.5	-104.9	-0.8	-1.4	-0.4
1211404	-205.2	-198.2	-196.6	-198	7.2	0.2	-1.4
1211508	-167.3	-169.6	-177.8	-169.2	-1.9	0.4	8.6
1212104		-135.1	-133.7	-121.6		13.5	12.1
1212112			-85.3	-85.2			0.1
1212203		-98.2	-99.9	-99.5		-1.3	0.4
1212552		-61.3	-61.4	-61.6		-0.3	-0.2

Gray County Ogallala Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
525502		-349	-352.8	-349.8		-0.8	3
525601		-369	-368.9	-369.8		-0.8	-0.9
525807		-368.6	-371.4	-370.8		-2.2	0.6
525904	-378.5	-364	-363.4	-364.2	14.3	-0.2	-0.8
526401	-379.9	-370.7	-370.2	-371	8.9	-0.3	-0.8
526404	-379.1	-367.5	-367.1	-368.4	10.7	-0.9	-1.3
526501		-366.8		-366.8		0	
526802		-356.6	-356.6	-357		-0.4	-0.4
526853		-363.7	-364.5	-366.5		-2.8	-2
527102	-357.9	-359.8	-360.2	-361.6	-3.75	-1.8	-1.4
527602	-352.3	-331.5	-330.7	-330.8	21.5	0.7	-0.1

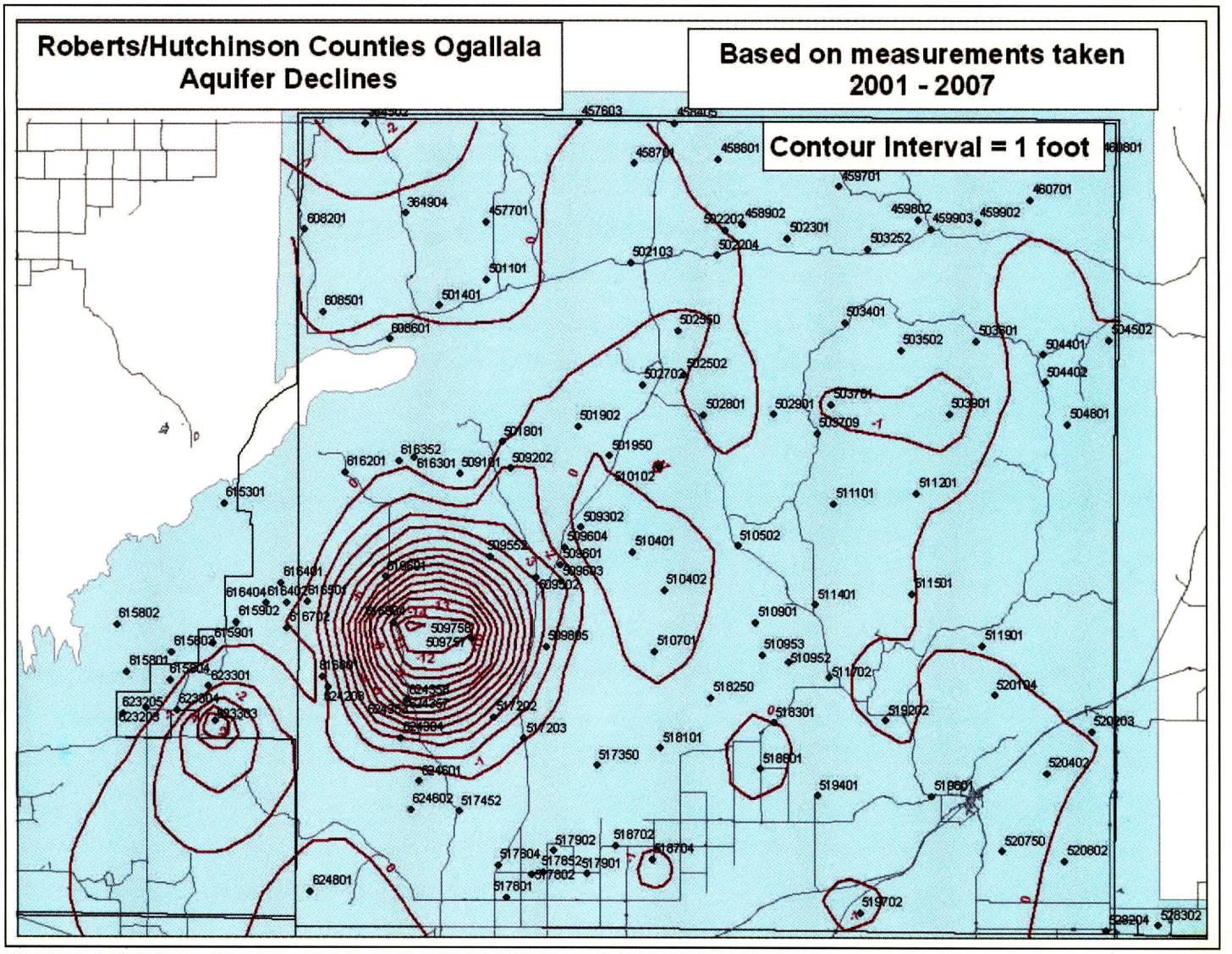
Gray County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
527801	-130.3	-135.6	-135.8	-136.2	-5.9	-0.6	-0.4
527802	-340.4		-337.9	-338			-0.1
527901	-361.4	-339.6	-339.9	-340.2	21.2	-0.6	-0.3
528201	-348.3	-346.9	-348.3	-347.2	1.1	-0.3	1.1
528203	-342	-339.8	-339.3	-340.2	1.8	-0.4	-0.9
528401	-329.2	-333.6	-329.1	-329.9	-0.7	3.7	-0.8
528501	-280	-283.3	-283.5	-282.8	-2.8	0.5	0.7
533401	-345.9	-346.9	-349.5	-348.4	-2.5	-1.5	1.1
533604		-79.6	-85.4	-85.6		-6	-0.2
533802	-207.3	-208	-209.1	-209.8	-2.5	-1.8	-0.7
533804			-352.2	-354.7			-2.5
534101	-139.4	-140.2	-141.2	-141.3	-1.9	-1.1	-0.1
534204	-194.3	-194.4	-194.6	-194.8	-0.5	-0.4	-0.2
534401	-114.8	-117.9	-118.4	-120	-5.2	-2.1	-1.6
534451		-108.8	-110	-110.3		-1.5	-0.3
534507	-36.5	-33.3	-40.5	-33.4	3.1	-0.1	7.1
534508	-59.2	-57.9	-59.1	-59.3	-0.1	-1.4	-0.2
534606	-74.1	-72.4	-73.5	-73.8	0.3	-1.4	-0.3
534703	-75.45	-74.7	-75.1	-75.7	-0.25	-1	-0.6
534902	-74.1	-69.4	-71.8	-71.3	2.8	-1.9	0.5
535201	-126.5	-124.7	-133	-133.7	-7.25	-9	-0.7
535302	-16	-15.1	-16	-16.2	-0.2	-1.1	-0.2
535403	-127.2	-123.4	-124.6	-124.9	2.25	-1.5	-0.3
535503	-77.7	-73.8	-76.2	-76.1	1.6	-2.3	0.1
535802	-125.9	-117.9	-118.1	-118.1	7.8	-0.2	0
536102	-171.5	-165.7	-164.6	-165.2	6.3	0.5	-0.6
536201	-150.1	-147.4	-148.4	-149.6	0.45	-2.2	-1.2
536402	-9	-8.7	-8.8	-9.2	-0.2	-0.5	-0.4
536705	-5.55	-5.7	-6	-8.5	-2.95	-2.8	-2.5
541101	-366.2	-369.9	-369.9	-369.9	-3.69	0	0
541303	-343.7	-342.7	-340.4	-340.9	2.75	1.8	-0.5
541401		-322.7	-324.1	-323.8		-1.1	0.3
541701	-262.6	-263.8	-263.7	-264.2	-1.64	-0.4	-0.5
542101	-261.4	-262	-262.7	-262.6	-1.25	-0.6	0.1
542201	-140	-131.3	-133	-135.7	4.3	-4.4	-2.7
542301	-142.5	-140.9	-139.5	-138.7	3.8	2.2	0.8
542401	-205.5	-202	-199.8	-199.4	6.1	2.6	0.4
542702	-146.1	-144.2	-146.8	-146.5	-0.45	-2.3	0.3
542801	-85.5	-81	-82.4	-82	3.5	-1	0.4
543202	-117	-112.1	-112.4	-113	4	-0.9	-0.6
543703	-19.1	-17.1	-16.5	-13.4	5.7	3.7	3.1
544610	-188	-182.7	-182.6	-182.6	5.4	0.1	0
544705	-67.45	-62.7	-63.4	-63.9	3.55	-1.2	-0.5
544801		-109.9	-110.4	-110.5		-0.6	-0.1
549302			-215.8	-216.1			-0.3
550202	-23.9	-23.1	-27.3	-28.7	-4.8	-5.6	-1.4
551101	-218.4	-214.3	-213.3	-212.8	5.58	1.5	0.5
551202	-193	-189.2	-192	-189.8	3.2	-0.6	2.2
551203	-161.8	-150.4	-152.5	-153	8.8	-2.6	-0.5
551303	-111.8	-106.7	-106.4	-107.1	4.7	-0.4	-0.7
552111	-108.9	-104.8	-104.2	-105.2	3.65	-0.4	-1



Gray County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
552308	-106.7	-100.5	-105.3	-110.1	-3.4	-9.6	-4.8
552401	-74.1	-71.3	-73.4	-74.6	-0.5	-3.3	-1.2
640205	-386.2	-387	-387.4	-388	-1.76	-1	-0.6
640501	-369.3	-370.8	-372.9	-372.9	-3.62	-2.1	0
640801		-369.7	-370.5	-371.5		-1.8	-1
640802	-357	-359.2	-360.7	-361.5	-4.52	-2.3	-0.8
648253		-355.8	-360.1	-360.9		-5.1	-0.8
656306	-280.9	-281.7	-280.5	-280.9	-0.05	0.8	-0.4
656507		-296.5	-298.7	-298.6		-2.1	0.1

Roberts/Hutchinson County Ogallala Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
364502	-435.3		-442.7	-445.2	-9.9		-2.5
364904		-109.6	-111.2	-111.9		-2.3	-0.7
457603			-401.6	-403.2			-1.6
457701			-23.6	-24.2			-0.6
458405		-338.9	-342.2	-341.7		-2.8	0.5

Roberts/Hutchinson County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
458701	-88.2	-94.1	-90.2	-88.5	-0.3	5.6	1.7
458801	-393.6	-391	-392.1	-394.3	-0.7	-3.3	-2.2
458902			-117.2	-117.6			-0.4
459650		-273.6	-310.7	-306.1		-32.5	4.6
459701	-52.5	-52.7	-54.4	-54.6	-2.1	-1.9	-0.2
459802	-74.75	-75.2	-76.5	-76.5	-1.75	-1.3	0
459902		-47.3	-47.7	-47.7		-0.4	0
459903		-40.1	-40.8	-41.8		-1.7	-1
460701	-100	-97.1	-97.2	-97.4	2.6	-0.3	-0.2
460801	-186.4	-194.4	-187.2	-187.3	-0.9	7.1	-0.1
501101	-57.8	-53.9	-55	-55.7	2.1	-1.8	-0.7
501401	-54.87	-50.5	-51.5	-51.9	2.97	-1.4	-0.4
501801	-212.1	-210.7	-209.4	-209.7	2.4	1	-0.3
501902		-198.5	-198.1	-198.8		-0.3	-0.7
501950			-128.2	-128.2			0
502103			-30	-19.8			10.2
502202	-68.1	-69.2	-69.4	-68.8	-0.7	0.4	0.6
502204			-28	-18.4			9.6
502301		-58.8	-62	-60		-1.2	2



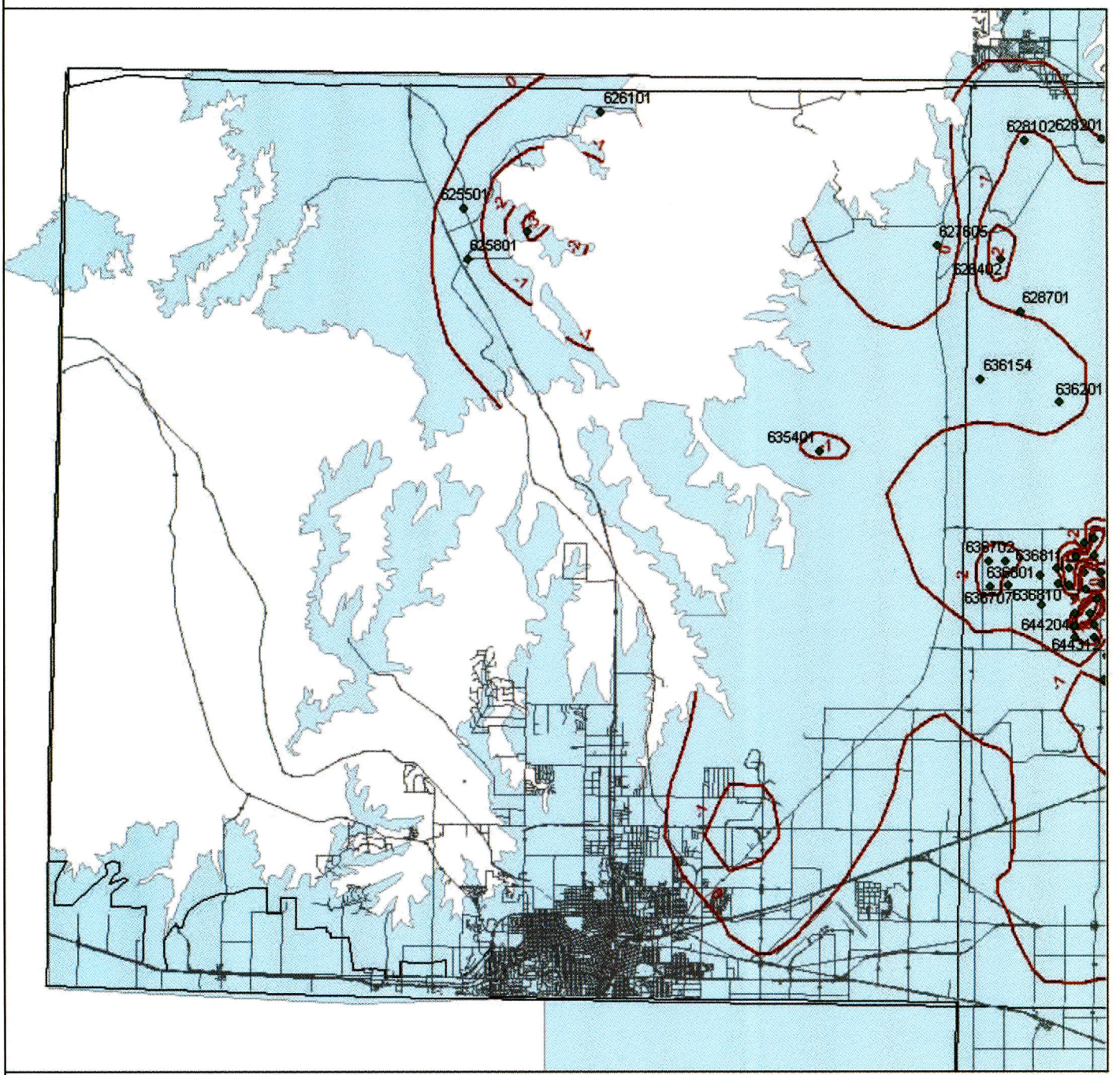
Roberts/Hutchinson County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
502502	-112	-107.7	-107.6	-107.9	4.1	-0.2	-0.3
502550		-99.8	-100.5	-100.5		-0.7	0
502702	-54.2		-54.6	-57.3	-3.1		-2.7
502801		-9.2	-8	-7.1		2.1	0.9
502901	-130.2	-132.5		-132.9	-2.7	-0.4	
503252			-39.1	-40.6			-1.5
503401	-99.1	-99.3	-99.7	-99.8	-0.7	-0.5	-0.1
503502		-30.3	-30.9	-30.95		-0.65	-0.05
503601	-85.3	-84.7	-85.5	-86.1	-0.8	-1.4	-0.6
503701	-86.5	-86	-92.6	-92.8	-6.3	-6.8	-0.2
503709				-277.2			
503901	-64.49	-55.6	-68.5	-65.5	-1.01	-9.9	3
504401	-99.2	-99	-103.9	-99.9	-0.7	-0.9	4
504402	-167.3	-166.5	-166.6	-167.2	0.1	-0.7	-0.6
504502	-115.2	-115.3	-115.3	-115.9	-0.7	-0.6	-0.6
504801	-209.7	-202.6	-184.6	-186.8	22.9	15.8	-2.2
509101	-47.2	-53.3	-43.4	-43.5	3.7	9.8	-0.1
509202	-239.6	-241.5	-248.7	-242.2	-2.6	-0.7	6.5
509302	-183.2	-181.9	-189.7	-193.2	-10	-11.3	-3.5

Roberts/Hutchinson County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
509502		-279	-290.5	-293		-14	-2.5
509552		-78.9	-95.2	-97.38		-18.5	-2.18
509601		-230.4	-234.4	-236		-5.6	-1.6
509603	-185.7	-186.8		-199.4	-13.7	-12.6	
509604			-183.2	-184.4			-1.2
509750		-361.9	-419.5	-427.7		-65.8	-8.2
509757		-346.6	-432	-427.7		-81.1	4.3
509758		-309.1	-337.3	-340		-30.9	-2.7
509805		-304.1	-310	-312.7		-8.6	-2.7
510102		-128.7	-135.6	-134.9		-6.2	0.7
510401	-157.2	-160.1	-149.7	-149.5	7.7	10.6	0.2
510402			-250.6	-252.1			-1.5
510502		-241.7	-240.7	-246.6		-4.9	-5.9
510701			-288	-290.8			-2.8
510901	-155.9	-154.2	-160.6	-157.7	-1.8	-3.5	2.9
510952		-344.6	-344.9	-345.1		-0.5	-0.2
510953		-184.3	-184.8	-184.9		-0.6	-0.1
511101	-285.4	-285.1	-287.5	-287.7	-2.3	-2.6	-0.2
511201	-292.9	-292.6	-292.4	-292.9	0	-0.3	-0.5

Potter County Ogallala Aquifer Declines

Based on measurements taken 2001 - 2007

Contour Interval = 1 foot

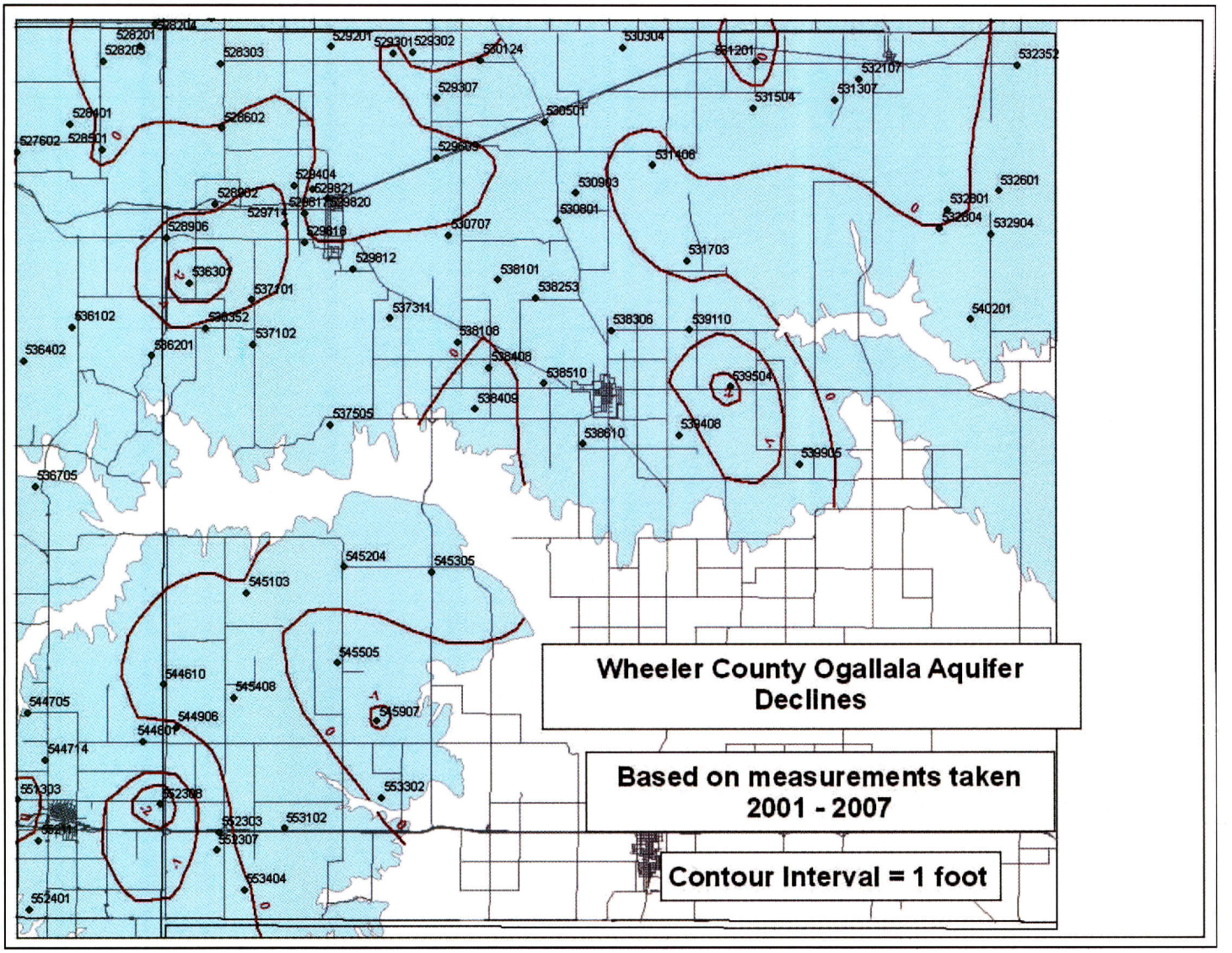


Roberts/Hutchinson County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
511401		-334.1	-343.2	-344.5		-10.4	-1.3
511501	-306.8	-306.2	-306.8	-307.3	-0.5	-1.1	-0.5
511702	-416.3	-402.5	-400.7	-402.7	13.6	-0.2	-2
511901	-273.8	-270.5	-273.1	-274.7	-0.9	-4.2	-1.6
517202		-167	-171.1	-177.8		-10.8	-6.7
517203		-320.5		-323.7		-3.15	
517350		-340	-341	-341.2		-1.2	-0.2
517452		-355.5	-357.9	-358.2		-2.7	-0.3
517801	-384.3	-388.1	-386.6	-389.7	-5.45	-1.6	-3.1
517802	-395.8	-400.7	-399.9	-401.5	-5.7	-0.8	-1.6
517804		-400.8		-398		2.8	
517852		-405.5	-404.3	-407.4		-1.9	-3.1
517901	-392.3	-393.5	-393.6	-397.9	-5.6	-4.4	-4.3
517902	-405.2	-409.1	-406.3	-407.6	-2.4	1.5	-1.3
518101	-325.7	-324.9	-323.8	-326.7	-1	-1.8	-2.9
518250		-333.4	-334.6	-334.3		-0.9	0.3
518301	-358.9	-357.7	-357.9	-358	0.9	-0.3	-0.1
518601	-364.2	-363.5	-368.4	-361.7	2.5	1.8	6.7
518702	-387	-388	-388.2	-388.8	-1.8	-0.8	-0.6
518704	-379.7	-381.3		-385.8	-6.1	-4.5	
519202	-376.2	-362.5	-368	-362	14.2	0.5	6
519401	-326.7	-328.4	-333	-330	-3.3	-1.6	3
519601	-116.2	-116.6	-122.1	-116.6	-0.4	0	5.5
519702	-262.1	-261.9	-263.8	-259	3.1	2.9	4.8
520104		-141.2	-146.7	-142.7		-1.5	4
520203	-112.8	-111.7	-112.4	-112	0.8	-0.3	0.4
520402	-287.1	-286.7	-286.3	-287	0.08	-0.3	-0.7
520750		-292.1	-293	-292.9		-0.8	0.1
520802	-243.7	-244	-242.9	-243.6	0.13	0.4	-0.7
528204	-354.3	-351.2		-349	5.3	2.2	
608201	-172.4	-174.6	-175.5	-174.5	-2.06	0.1	1
608501	-62.2	-61.7	-63.4	-63.8	-1.6	-2.1	-0.4
608601	-8.51	-10.5	-9.3	-9.3	-0.79	1.2	0
615301	-175.6	-129.1	-114.7	-115.2	60.4	13.9	-0.5
615801	-213.8			-180.8	33		
615802			-152.7	-147.2			5.5
615803		-78.3	-77.7	-77.2		1.1	0.5
615804		-111.4	-110.1	-110.3		1.1	-0.2
615901	-223.7	-75.2	-74.6	-77.2	147	-2	-2.6
615902			-25.3	-17.1			8.2
616201			-144.6	-143.8			0.8
616301		-177	-177.1	-178.3		-1.3	-1.2
616352			-182	-181.1			0.9
616401		-295	-293.6	-287.8		7.2	5.8
616402			-276.1	-267.1			9
616404		-102.6	-100.5	-98.6	-98.6	4	1.9
616501			-218.1	-218.2			-0.1
616601		-216.6	-235.7	-242.4		-25.8	-6.7
616702				-237.6			
616801		-219.9	-218.9	-215.3		4.6	3.6
616904		-226.9	-282	-303.5		-76.6	-21.5

Roberts/Hutchinson County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
623203		-193.2	-194.2	-189.9		3.3	4.3
623205			-154.8	-153.8			1
623301		-118.1	-115.1	-115.6		2.5	-0.5
623303			-116.5	-122.4			-5.9
623304			-190.1	-190			0.1
624203		-240.3	-242.2	-240.5		-0.16	1.74
624304		-280.6	-291.8	-294.8		-14.2	-3
624353		-326.4	-363.8	-344.4		-18	19.4
624357		-326.7	-364.4	-343.9		-17.2	20.5
624358		-293.8	-312.3	-318		-24.2	-5.7
624601	-201.3	-211.8	-205.5	-207.8	-6.5	4	-2.3
624602		-332.3	-324.1	-336.9		-4.6	-12.8
624801		-111	-111.2	-115.2		-4.2	-4

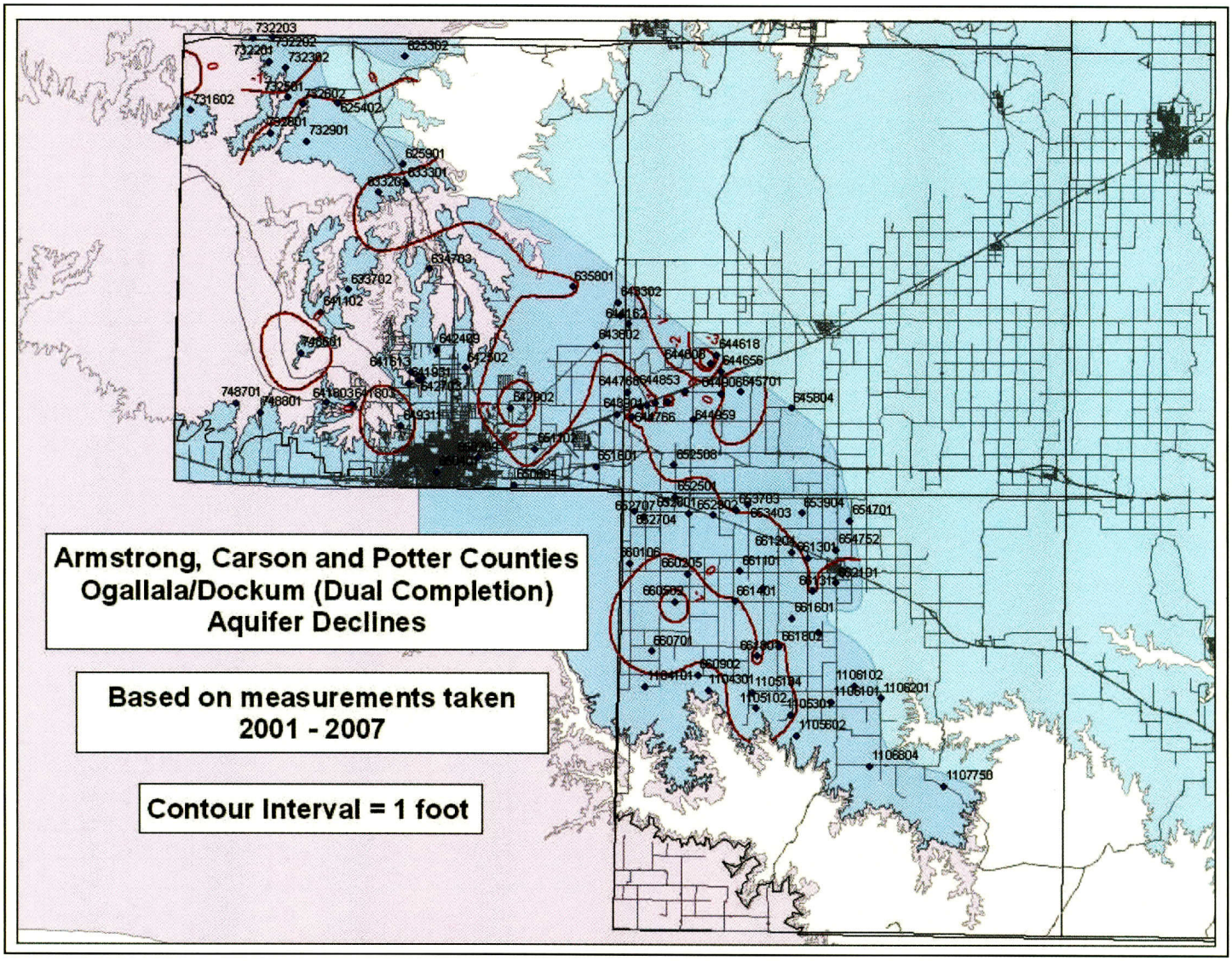
Potter County Ogallala Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
528302			-298.5	-299			-0.5
625501	-77.45	-78.9	-79.5	-79.1	-1.65	-0.2	0.4
625601		-236.5	-251.1	-251.7		-15.2	-0.6
625801		-86.6	-88.5	-88.2		-1.6	0.3
626101		-30.4	-30.4	-31.2		-0.8	-0.8
627605		-120.4	-112.6	-113.1		7.3	-0.5
635401		-281.5	-286.8	-287.3		-5.8	-0.5

Wheeler County Ogallala Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
528303		-297.9	-297.1	-296.8		1.1	0.3
528602	-107.6	-108.9	-109.5	-108.5	-0.95	0.4	1
528902		-27.1	-30.4	-31.1		-4	-0.7
528906			-168.9	-168.8			0.1
529201	-143.6	-142.2	-145.1	-141.3	2.3	0.9	3.8
529301	-126.5	-126	-126.7	-126.9	-0.4	-0.9	-0.2
529302		-116.2	-119.6	-112.8		3.4	6.8
529307		-120.8	-120.9	-122.9		-2.1	-2
529404		-68.8	-68.4	-68.3		0.5	0.1
529609		-60.4	-60.9	-58.6		1.8	2.3
529714		-5.1		-8.5		-3.4	
529812		-20.4	-22.2	-22.7		-2.3	-0.5
529817		-74.5	-73.2	-71.2		3.3	2
529818	-50.8	-53.9	-59.7	-54.8	-4	-0.9	4.9
529820			-78.7	-76.4			2.3
529821		-72.8	-70.1	-71.1		1.7	-1
530124			-26.3	-26.9			-0.6
530304	-93.6	-88.4	-92.3	-90.8	2.8	-2.4	1.5
530501			-106.7	-107.4			-0.7
530707		-12.9	-13.2	-13.8		-0.9	-0.6
530801	-69.4	-65.8	-66.9	-66.1	3.3	-0.3	0.8
530903		-76.5	-77.2	-78		-1.5	-0.8



Wheeler County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
531201	-115.5	-110.9	-110.8	-109.3	6.2	1.6	1.5
531307	-56.3	-49.3	-51.2	-52	4.3	-2.7	-0.8
531406		-78.6	-75.8	-76.4		2.2	-0.6
531504		-32.9	-33.6	-34.3		-1.4	-0.7
531703		-94.2	-93	-92.1		2.1	0.9
532107		-48.8	-51.7	-52.6		-3.8	-0.9
532352			-99.5	-96.6			2.9
532601		-70.6	-66.6	-66.9		3.7	-0.3
532801		0	-1	-2.2		-2.2	-1.2
532804		-14.9	-16.9	-16.7		-1.8	0.2
532904			-61.8	-62			-0.2
536301		-121.7	-135.1	-133.9		-12.2	1.2
536352		-48.8	-52.6	-51.2		-2.4	1.4
537101		-80.5	-84.8	-86.4		-5.9	-1.6
537102		-53.1	-56.8	-54.5		-1.4	2.3
537311	-25.4	-21.8	-24.5	-24	1.4	-2.2	0.5
537505			-63.2	-62.3			0.9
538101		-5.1	-5.8	-6.4		-1.3	-0.6

Wheeler County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
538108	-122	-125.1	-122.5	-122	0	3.1	0.5
538253		-92.5	-95.1	-97.4		-4.9	-2.3
538306			-53.8	-54			-0.2
538408	-97.7	-95.8	-90.8	-90.8	6.9	5	0
538409		-74.1	-85.1	-84.8		-10.7	0.3
538510		-30.9	-34.3	-35.1		-4.2	-0.8
538610	-69.2	-61.4	-65.1	-66.1	3.1	-4.7	-1
539110			-75.1	-75.5			-0.4
539408	-4.35	-6.1	-7.9	-8.2	-3.85	-2.1	-0.3
539504		-36.7	-48.6	-49.4		-12.7	-0.8
539905	-37	-30.8	-35.9	-38.2	-1.2	-7.4	-2.3
540201		-19.3	-1.4	-2.4		16.9	-1
544906		-106.5	-106.5	-106.6		-0.1	-0.1
545103		-6.8	-6.7	-6.8		0	-0.1
545204	-123.1	-114.8	-114.3	-111.6	11.5	3.2	2.7
545305	-76	-77.6	-81.7	-73.6	2.4	4	8.1
545408	-129.8	-109.6	-88	-106	23.8	3.6	-18
545505	-103.1	-102.4	-106.7	-106.8	-3.7	-4.4	-0.1



Wheeler County Ogallala Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
545907	-49.2	-45	-52	-50.7	-1.5	-5.7	1.3
552303	-45.7	-39.6	-42.4	-42	3.7	-2.4	0.4
552307	-79.7	-71.7	-73.5	-73.7	6	-2	-0.2
553102	-71.8	-56.4	-60.9	-61.2	10.6	-4.8	-0.3
553302		-21.6	-22.6	-22.7		-1.1	-0.1
553404		-7.7	-7.5	-8.4		-0.7	-0.9

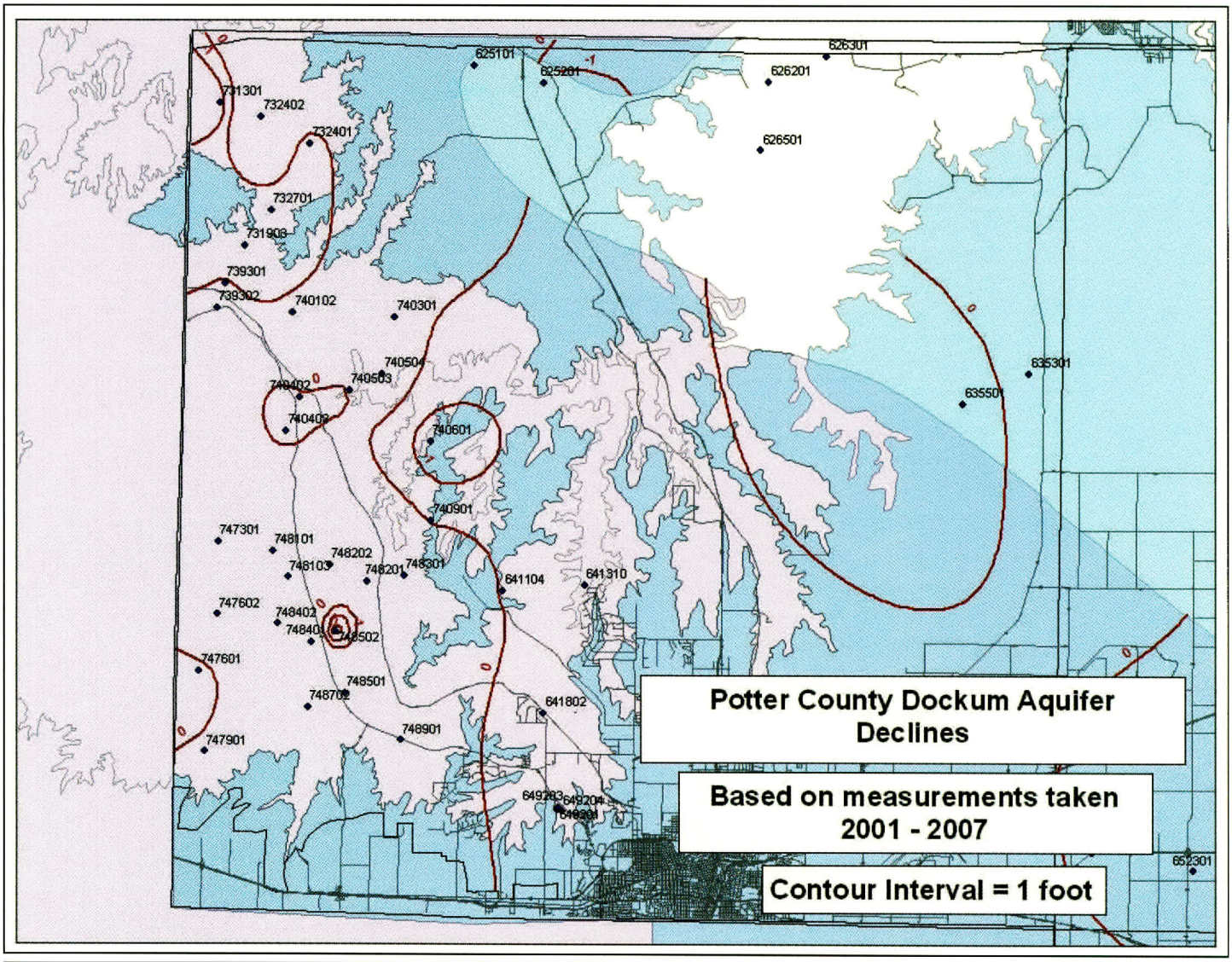
Armstrong, Carson and Potter Counties Ogallala/ Dockum Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
625302		-90	-90.8	-90.5		-0.5	0.3
625402		-96.1	-96.2	-96		0.1	0.2
625901		-166.5	-164.2	-164.7		1.8	-0.5
633201		-84.5	-84.9	-85.2		-0.7	-0.3
633301		-62.8	-65.3	-64.9		-2.1	0.4
633702		-55.6	-99	-98.7		-43.1	0.3
634703		-99	-86	-85.8		13.2	0.2

Armstrong, Carson and Potter Counties Ogallala/ Dockum Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
635801	-141.8	-136.6	-135.9	-136.8	5	-0.2	-0.9
641102		-102.9	-100.7	-102		0.9	-1.3
641613	-81.35	-90.5	-98.2	-104.5	-23.2	-14	-6.3
641703		-307	-306.5	-305.9		1.1	0.6
641803		-46.4	-128.9	-136.5		-90.1	-7.6
641931			-64.5	-67.6		-67.6	-3.1
642409			-65.8	-67.1		-67.1	-1.3
642502		-84.3	-80.6	-80.4		3.9	0.2
642703			-95.5	-103.5			-8
642719			-128.7	-137.1			-8.4
642902		-223.3	-223.7	-223.4		-0.1	0.3
643301		-491.3	-490.3	-490.9		0.4	-0.6
643302	-462.9	-467.4	-470.6	-471.5	-8.6	-4.1	-0.9
643602		-321	-320.7	-321.2		-0.2	-0.5
643901		-210.7	-210.2	-210.7		0	-0.5
644162		-475.6	-478.1	-478.4		-2.8	-0.3
644608	-454	-415.3	-430.1	-430.6	23.4	-15.3	-0.5
644618			-439.7	-444.3			-4.6

Armstrong, Carson and Potter Counties Ogallala/ Dockum Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
644656		-434.8	-434.2	-434.7		0.1	-0.5
644701	-252.3	-252	-250.9	-250.5	1.8	1.5	0.4
644763		-235.8	-236.1	-236.4		-0.6	-0.3
644766		-226.9	-227.4	-227.1		-0.2	0.3
644767		-266.6	-265.2	-265.5		1.1	-0.3
644768		-272.9	-270.4	-270.9		2	-0.5
644851		-268.4	-274.9	-274.4		-6	0.5
644853		-303.1	-302.6	-302.1		1	0.5
644906		-348.9	-349.1	-349.7		-0.8	-0.6
644959		-220.4	-221	-221		-0.6	0
645701	-386.2	-392	-387.8	-387.9	-1.75	4.1	-0.1
645804	-323.5	-324.2	-325.1	-325.1	-1.59	-0.9	0
649311		-54	-57.5	-55.7		-1.7	1.8
650209		-216.4		-208.9		7.5	
650401		-162.1	-158.7	-158.4		3.7	0.3
650604		-202.3	-201.2	-201.7		0.6	-0.5
651102		-176	-176	-176.9		-0.9	-0.9
651601		-196.8	-194.7	-191.2		5.6	3.5
652501	-205.8	-202.3	-201.6	-201.2	4.61	1.1	0.4
652508	-209	-201.2	-201.4	-202.6	6.35	-1.4	-1.2
652704			-170.9	-172.3			-1.4
652707		-220	-229.5	-221.4		-1.4	8.1
652801	-170.3	-176.6	-172.6	-172.4	-2.09	4.2	0.2
652902	-165.8	-167.4	-166.4	-166.6	-0.78	0.8	-0.2
653403	-181.4	-180.6	-181.2	-181.7	-0.29	-1.1	-0.5
653703	-183.2	-182.5	-184	-183	0.15	-0.5	1
653904		-186.6	-190.6	-190.4		-3.8	0.2
654701	-253	-249.6	-252.9	-252.1	0.88	-2.5	0.8
654752			-185.1	-185.1			0
660106	-215.5	-212	-211.3	-210.9	4.6	1.1	0.4
660205			-161.7	-161.4			0.3
660502		-151.9	-156.8	-153.3		-1.4	3.5
660701	-187.1	-186.2	-186.1	-187.3	-0.24	-1.1	-1.2
660902	-218.5	-213.8	-212.1	-212.7	5.8	1.1	-0.6
661101	-152.9	-166.5	-160.9	-153.5	-0.6	13	7.4
661201	-191.6	-200	-192.1	-194.6	-3.05	5.4	-2.5
661204		-167	-166.7	-165.8		1.2	0.9
661301	-159.6	-158.6	-159.3	-159.1	0.51	-0.5	0.2
661311	-173	-174.5	-175.5	-175.1	-2.1	-0.6	0.4
661401	-162.3	-162.7	-164.3	-164.7	-2.45	-2	-0.4
661601	-171.1	-174.8	-171.7	-172	-0.9	2.8	-0.3
661608	-166.7	-166.5	-162	-162.3	4.4	4.2	-0.3
661801	-161.3	-163.4	-163.3	-163.1	-1.8	0.3	0.2
661802	-159.5	-157.7	-157.9	-158.3	1.2	-0.6	-0.4
662101	-210.8	-209.6	-207.7	-207.4	3.35	2.2	0.3
731602		-191.7	-192.3	-192.9		-1.2	-0.6
732201		-160.1	-160.8	-160.3		-0.2	0.5
732202		-65.5	-62.4	-64.9		0.6	-2.5
732203		-139.7		-139.6		0.1	
732302		-52.2		-61.7		-9.5	
732501		-60	-71.4	-63.5		-3.5	7.9

Armstrong, Carson and Potter Counties Ogallala/ Dockum Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
732602		-41.6	-40.6	-39.8		1.8	0.8
732801		-132.5	-131.8	-131.1		1.4	0.7
732901		-171.1	-170.6	-170.8		0.3	-0.2
748601		-142.5	-143.6	-143.7		-1.2	-0.1
748701		-82.8	-81.5	-81.1		1.7	0.4
748801		-40.1	-40.8	-39.4		0.7	1.4
1104101	-201.8	-201.2	-200.9	-200.7	1.09	0.5	0.2
1104301	-311.5	-303.2	-302.8	-302.6	8.85	0.6	0.2
1105102	-162	-160.3	-160.9	-161.3	0.65	-1	-0.4
1105104			-174.5	-174.3			0.2
1105301	-159.5	-157.2	-157.5	-157.3	2.2	-0.1	0.2
1105602	-174.3	-173.6	-173.8	-173.2	1.1	0.4	0.6
1106101	-176.7	-175.4	-175.5	-175.2	1.51	0.2	0.3
1106102	-170.4	-162.4	-162.4	-162.2	8.2	0.2	0.2
1106201	-161.8	-160.3	-159.7	-159.5	2.3	0.8	0.2
1106804		-224.5	-221.1	-221.5		3	-0.4
1107750			-124.5	-124.2			0.3

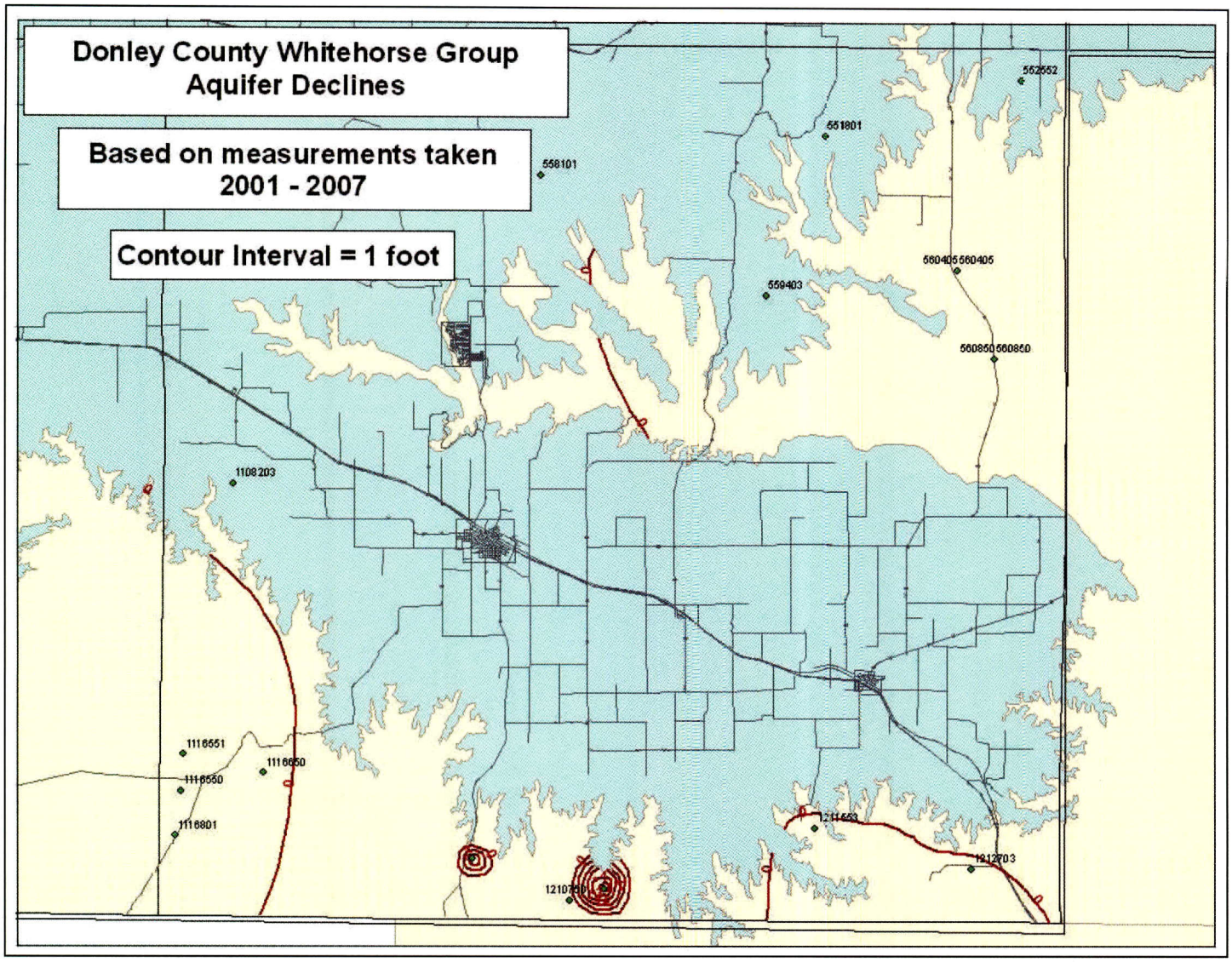
Potter County Dockum Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
625101		-284.8	-262.3	-261.8		23	0.5
625201		-211	-217.4	-217.6		-6.6	-0.2
626201		-107	-113.3	-113.7		-6.7	-0.4
626301		-50	-39.6	-37.4		12.6	2.2
626501		-22.4	-17.8	-18.2		4.2	-0.4
635301	-292	-297.2	-299.7	-299.4	-7.4	-2.2	0.3
635501	-308.5	-309.9	-306.7	-307.2	1.27	2.7	-0.5
641104		-138.7	-139.4	-139.3		-0.6	0.1
641310		-39.9	-41.9	-40.3		-0.4	1.6
641802		-99	-117.3	-104		-5	13.3
642714			-86.9	-86.7			0.2
649201		-111.3	-113.2	-113.7		-2.4	-0.5
649203			-105.1	-118.7			-13.6
649204			-123.5	-123.7			-0.2
652101		-190	-190.2	-189.8		0.2	0.4
652301	-201.8	-200.1	-198.5	-199.3	2.45	0.8	-0.8
731301		-20.7	-25.4	-24.9		-4.2	0.5
731903		-20.8	-24.5	-23.1		-2.3	1.4
732401		-28.4	-35.7	-31		-2.6	4.7
732402		-17.5	-6.3	-5.9		11.6	0.4
732701		-28	-27.4	-28		0	-0.6
739301		-4.6	-4.7	-4.2		0.4	0.5
739302		-131.7	-130.5	-131.2		0.5	-0.7
740102		-25.6	-25.7	-25.1		0.5	0.6
740301		-164.8	-164.3	-164.1		0.7	0.2
740402		-84.2	-85.6	-84.2		0	1.4
740403		-59.7	-63.5	-60.7		-1	2.8
740503		-31.1	-31.5	-31.3		-0.2	0.2
740504		-26	-25.3	-24.1		1.9	1.2



Potter County Dockum Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
740601		-70.6	-78	-78.9		-8.3	-0.9
740702		-74.1	-133	-133.4		-59.3	-0.4
740901		-132	-123.4	-127.7		4.3	-4.3
747301		-39.8	-38.7	-38.4		1.4	0.3
747601		-40.1	-38.2	-41.6		-1.5	-3.4
747602		-96.2	-94.7	-86.7		9.5	8
747901		-115.1	-114.8	-114.6		0.5	0.2
748101		-113.1	-109.9	-109.2		3.9	0.7
748103		-42.4	-41.9	-40.3		2.1	1.6
748201		-134.9	-137.6	-137.9		-3	-0.3
748202		-11.9	-6.4	-5.4		6.5	1
748301		-78	-57	-56.9		21.1	0.1
748401		-42.2	-42.4	-41.9		0.3	0.5
748402		-25	-26.3	-25.7		-0.7	0.6
748501		-44.1	-26.1	-26		18.1	0.1
748502			-81.9	-82			-0.1
748702		-42.2	-36.8	-36.2		6	0.6
748901		-79	-75.2	-75		4	0.2

Potter County Dockum Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
1105101	-185.2	-185.3	-188.8	-188.7	-3.5	-3.4	0.1

Donley County Whitehorse Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
551801	-95.5	-92.7	-93	-92.6	2.9	0.1	0.4
552552		-95.6	-95.2	-97.5		-1.9	-2.3
558101		-107	-106.2	-108.2		-1.2	-2
559403	-74.9	-83.2	-74.9	-73.1	1.8	10.1	1.8
560405	-46.6	-59.5	-45.2	-35.6	11	23.9	9.6
560850		-121	-100.1	-109.9		11.1	-9.8
1108203	-34.3	-39.7	-40.8	-43.5	-9.2	-3.8	-2.7
1116550		-133.4	-119.2	-119.3		14.1	-0.1
1116551		-141.4	-127.5	-128.8		12.6	-1.3
1116650		-7.6	-6.1	-5.4		2.2	0.7
1116801		-50.3	-51.5	-48.6		1.7	2.9
1209901	-55.7	-54.6	-67.4	-65.5	-9.8	-10.9	1.9



5th Annual PGCD Scholarship Winners Announced

The Panhandle Groundwater Conservation District has announced the winners of the fifth annual PGCD Scholarship Awards. Twenty-one applicants vied for the scholarship monies. To be eligible, the applicant must be a high school senior graduating from a school within the District. Applicants must write an essay on a water-related topic chosen by the District. Scholarship recipients must then enroll as a full-time student and attend college the fall semester immediately following selection.

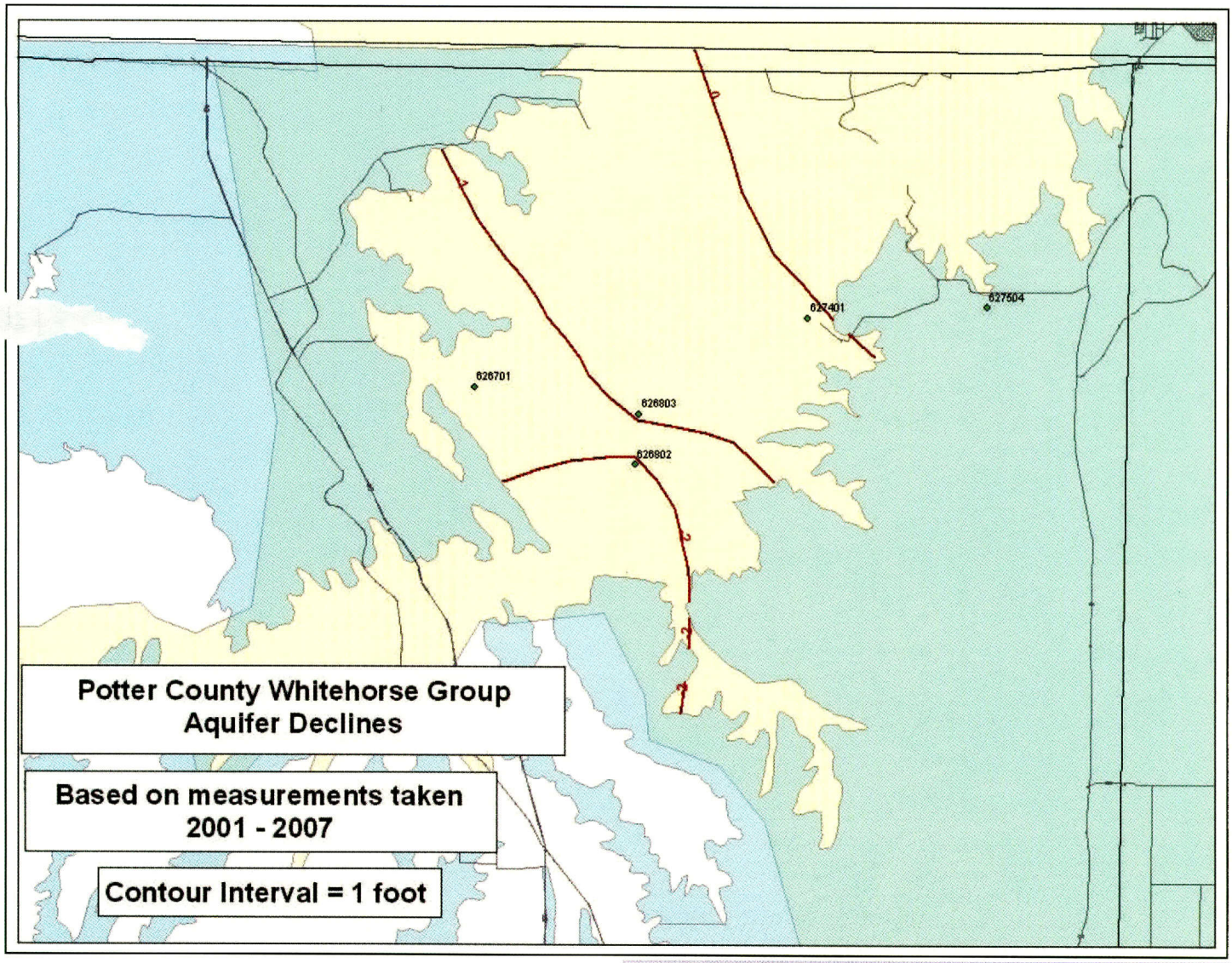
The District is pleased to announce the following selections. Receiving first place, a $4,000 scholarship, is Miss Rebecca Rapstine, White Deer High School. Miss Jessica Cornell, Claude High School, was awarded second place, a $3,000 scholarship. The third place award, a $2,000 scholarship, was awarded to Mr. Thane Barkley, Groom High School.

Selections were extremely tough, due to the fact that each scholarship applicant was very worthy and each essay well written,. We feel sure that all of these applicants will become assets to the university or college

Winners continues on page 19

Donley County Whitehorse Aquifer Cont'd							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
1210750		-72.9	-50.9	-50.9		22	0
1210802		-93.9	-141.3	-131.4		-37.5	9.9
1211553		-23.6	-26.8	-24.3		-0.7	2.5
1212703		-38.2	-37.2	-39.9		-1.7	-2.7

Potter County Whitehorse Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
626701		-36.9	-45.7	-45.3	-45.3	-8.4	0.4
626802		-44.2	-56.3	-56.7	-56.7	-12.5	-0.4
626803		-32.7	-34.9	-35.7	-35.7	-3	-0.8
627401		-116.2	-117	-116.5	-117	-0.3	0.5
627504		-34	-29.7	-31.3	-31.3	2.7	-1.6



CITY OF AMARILLO WATER SYSTEM OVERVIEW

Jarrett Atkinson, City of Amarillo Assistant Manager

Jarrett Atkinson, Amarillo's Assistant City Manager, presented a very informative Power Point presentation, at the Board of Directors meeting on May 9, 2007. The presentation showed the annual water use (gallons) vs. population and the daily water use (gallons). It also gave a comparative water use for electrical power generation, manufacturing, livestock, the City of Amarillo, and irrigated agriculture.

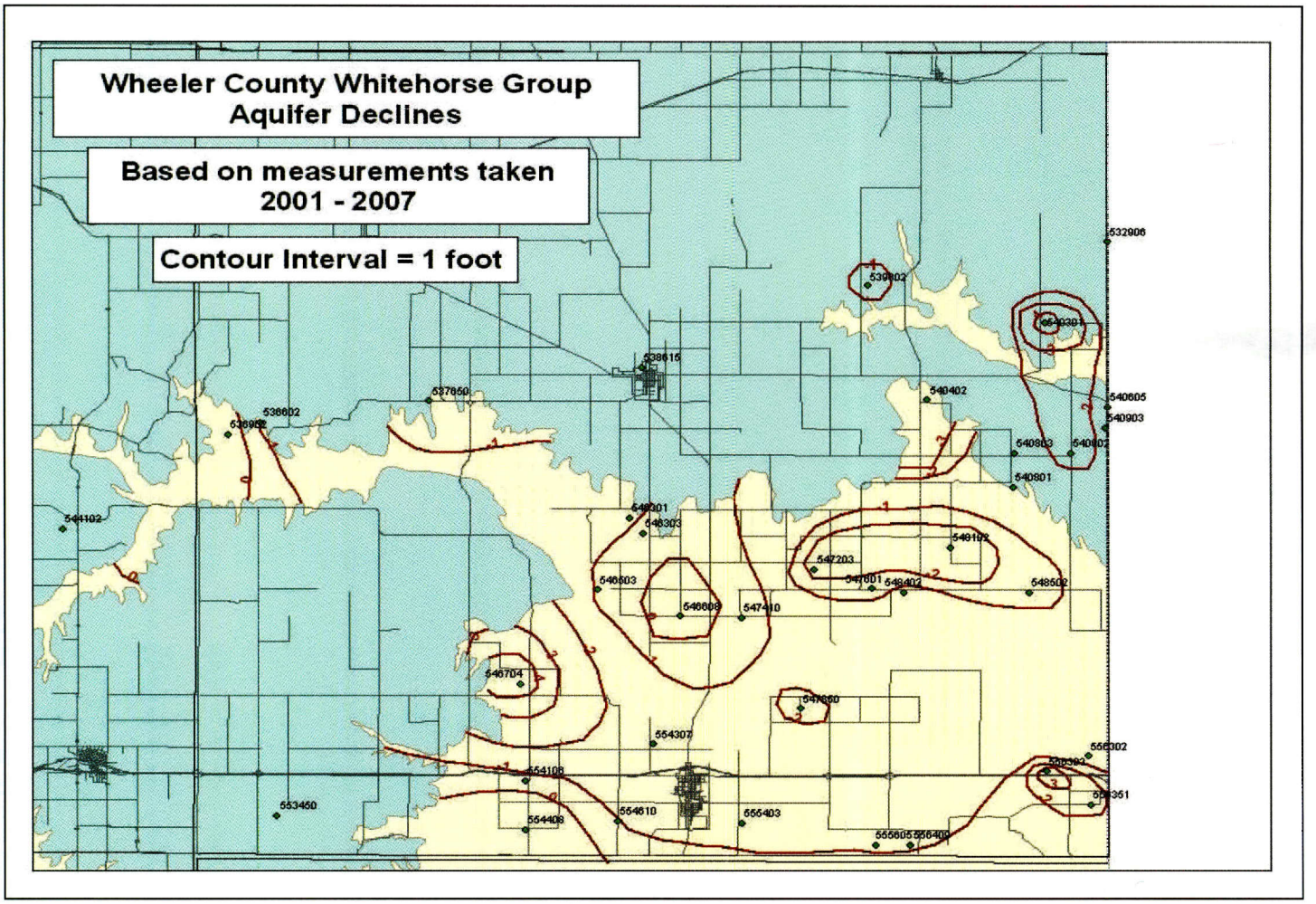
Graphs showed that both the annual and daily water use declined each year, from 2002 until 2005, although the population has continued to grow. Water use was up, in 2006, due to the drought conditions.

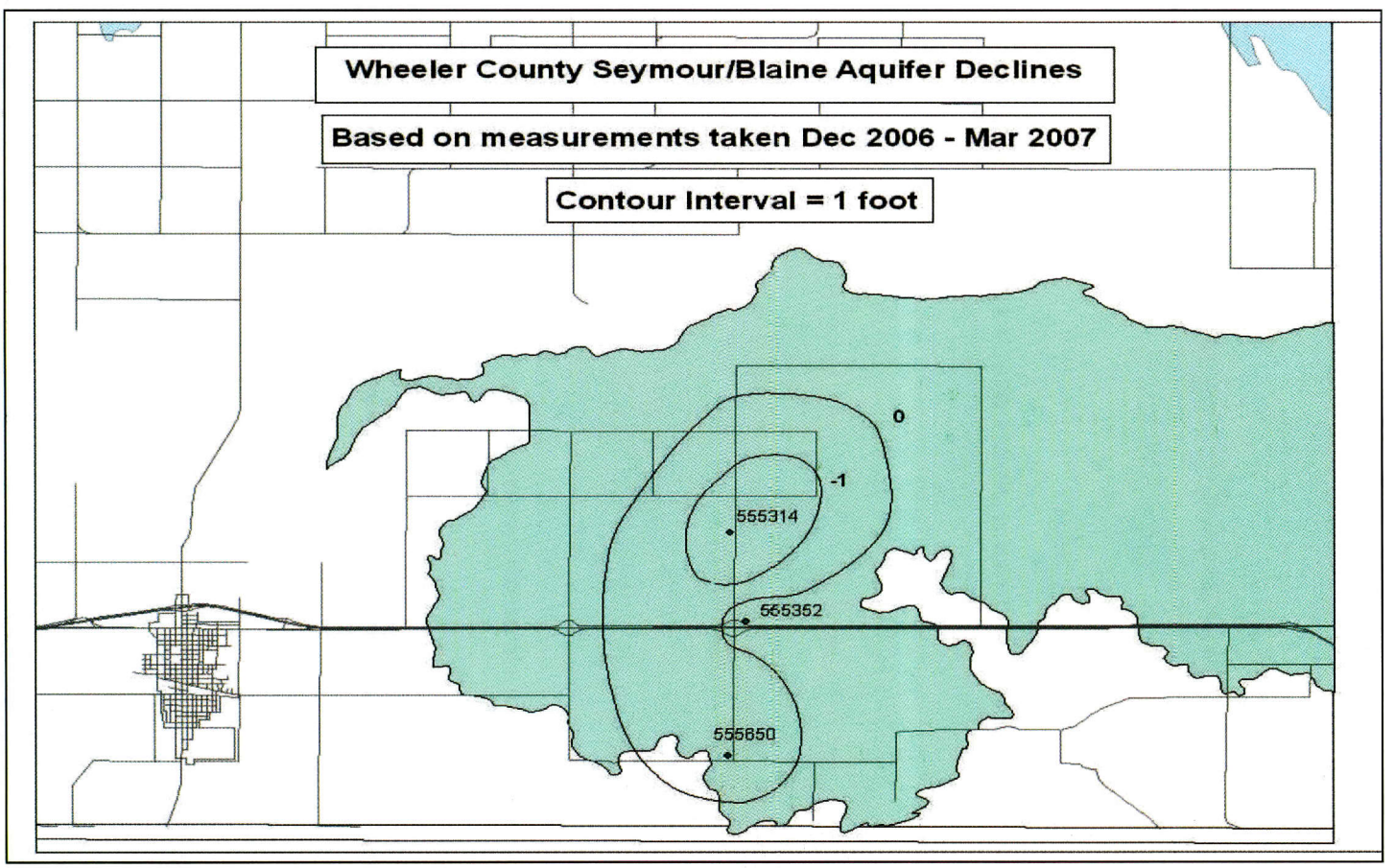
Amarillo receives its water from the Canadian River Municipal Water Authority's wells and lake, and from City wells.

DO YOU HAVE ADEQUATE INSURANCE ON YOUR SPRINKLER SYSTEM?

During the past two years, through high winds and tornados Mother Nature has damaged or destroyed a vast amount of farm equipment across the Texas Panhandle. Also, there has been a sharp increase in the price of steel replacement pieces.

With this in mind, the Panhandle Groundwater Conservation District's Board of Directors strongly urges all irrigators to examine your insurance policy, and make sure that your sprinkler unit is adequately covered. Replacement costs are extremely high and, for your protection, the Board of Directors suggests that you consider increasing the amount of insurance you carry on your equipment.


Wheeler County Whitehorse Group
Aquifer Declines
Based on measurements taken
2001 - 2007
Contour Interval = 1 foot


Wheeler County Seymour/Blaine Aquifer Declines
Based on measurements taken Dec 2006 - Mar 2007
Contour Interval = 1 foot
0
-1
555314
555352
555650

Wheeler County Whitehorse Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5 yr	1 yr
532906			-18.8	-19.6			-0.8
536602		-22.4	-36.4	-36.4		-14	0
536902		-31.8	-24.2	-22.1		9.7	2.1
537650		-9.7	-10.3	-11.6		-1.9	-1.3
538615			-39	-39.5			-0.5
539302		-58.6	-50.1	-50.2		8.4	-0.1
540301		-31.4		-50.9		-19.5	
540402		-29.5	-43	-41.7		-12.2	1.3
540605		-43.4	-45.4	-44.3		-0.9	1.1
540801		-18.7	-21.4	-21.9		-3.2	-0.5
540803		-14.8	-12.6	-13.1		1.7	-0.5
540902		-33.5	-45.3	-44.7		-11.2	0.6
540903		-60.2	-59.2	-61.6		-1.4	-2.4
546301		-7.2	-13.4	-14.9		-7.7	-1.5
546303			-10.3	-11.4			-1.1
546503		-35	-36.7	-37.8		-2.8	-1.1
546608			-29	-32.3			-3.3
546704	-98.1	-82.4	-103	-104.2	-6.1	-21.8	-1.2
547203	-17.4	-16.5	-29.6	-29.4	-12	-12.9	0.2
547410		-26	-26.9	-27.1		-1.1	-0.2
547601		-47.9	-52.8	-53.3		-5.4	-0.5
547850		-88	-95.2	-95.8		-7.8	-0.6
548102		-38.1	-52.25	-51.8		-13.7	0.45
548402		0	0	0		0	0
548502		-29.8	-40.8	-39.5		-9.7	1.3
553450		-38.2	-39	-39.4		-1.2	-0.4
554106		-52.6	-55.5	-56.3		-3.7	-0.8
554307		-40.8	-48.8	-49.3		-8.5	-0.5
554408		-99.8	-89	-87.2		12.6	1.8
554610		-37.5	-64	-43.6		-6.1	20.4
555403		-76.6	-81.3	-82.4		-5.8	-1.1
555605		-83.2	-86.8	-87.3		-4.1	-0.5
556302		-7.4	-6.7	-8.4		-1	-1.7
556303		-21.1	-37.6	-38.2		-17.1	-0.6
556351		-54.1	-60.1	-62.1		-8	-2
556409		-40.4	-48.2	-49.8		-9.4	-1.6

Wheeler County Seymour/Blaine Aquifer							
Well Number	Depth to Water, in feet				Water Level Variation		
	1997	2002	2006	2007	10 yr	5yr	1 yr
555314	-84.3	-71.9	-76.3	-78.2	6.1	-6.3	-1.9
555352		-52.1	-59.2	-59		-6.9	0.2
555650		-21	-34.3	-35.1		-14.1	-0.8

Winners Continued from Page 16

they choose.

Congratulations to the winners and good luck and best wishes, to all who applied, on all of your future endeavors!

NOTE: The theme for this year's applicants was, "It's a given that the Ogallala is a depleting aquifer. How much water use is reasonable for today, and how much water should be conserved for future generations, and why?" Miss Rapstine's essay, explaining her view, will be published in the October edition of *Panhandle Water News*.

SUMMER 2007 GROUNDWATER MEETINGS

The **Groundwater Management Districts Association (GMDA)** held their Annual Summer Conference at Estes Park, Colorado, On June 3-5, 2007.

The conference opened with a business meeting and was followed by presentations by groundwater district managers from several of the western states. The meeting concluded with a panel discussion.

The **Texas Water Conservation Association (TWCA)** met for the Mid-Year Conference, on June 13-15, at Galveston, Texas.

Speakers for the meeting were Robert Johnson, Commissioner of the Bureau of Reclamation; Jerry Patterson, Texas Land Commissioner; State Senator Kel Seliger; and Larry Soward, Commissioner, Texas Commission on Environmental Quality (TCEQ).

The program included a legislative update, a presentation on eminent domain, and various other topics on surface and groundwater management.

The District's general manager, C. E. Williams, attended both meetings.

Education Continued from Page 3

aerators, leak gauge and an assortment of other conservation tools to use around the house. This opens the door for the students to share at home with their parents about water conservation. They actually have the tools in hand for their families to support water conservation and begin to become a part of the solution to preserve this precious resource.

The "Major Rivers" water education program, that PGCD sponsors, for fourth graders ended its third year with the end of this school year. The kits include both a teacher's guide and student packets giving the District a one-two punch in its effort to promote the importance of water and its conservation.

In addition to the education of our 4th and 5th grade students, District personnel were very busy manning informational booths at events throughout the District. We participated in the Tri-State Fair, Amarillo Farm and Ranch Show, agriculture days, health fairs and science fairs; providing information and answering questions. Throughout the year, C. E. Williams, Patrick Warminski and Amy Crowell gave numerous presentations to various groups, civic clubs and organizations, not only within the District but around the state. These presentation topics included district information, regional planning, water conservation, Ogalalla Aquifer, creating a district or annexation, and economics of groundwater. Williams was also interviewed by local radio, television and newspaper reporters.

Water is talked about on the news, radio, in the newspaper and in magazine articles. This year, candidates for City Councils had "water" as platforms or concerns for the future for their election campaign. Water is the most important natural resource we have, and water conservation education is a fundamental way to help preserve this precious resource.

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Panhandle Water News is published quarterly. Subscriptions are free, upon request.

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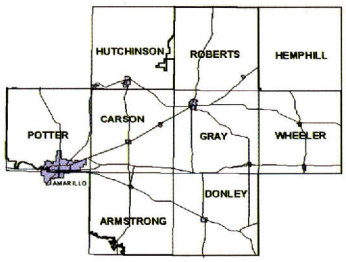


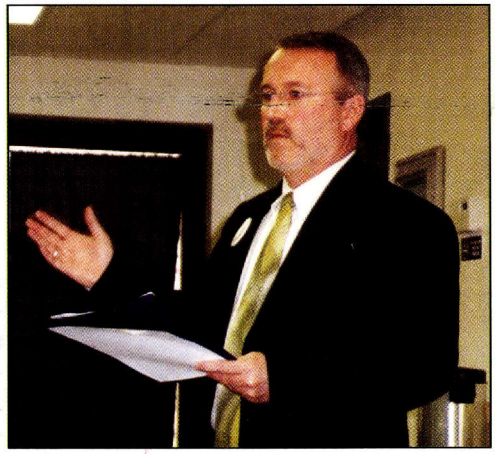
PANHANDLE GROUNDWATER DISTRICT
"Conserving Water for Future Generations"

Carole Baker, Harris - Galveston Subsidence District.

WATER IQ
Know your water.

EDUCATION IS THE KEY

Ms. Carole Bake, Education Director for Harris Galveston Subsidence District and a member of the Governor's Water Conservation Implementation Task Force, and Mr. John Sutton, of the Texas Water Development Board, were in White Deer on May 9th, to attend the Board of Directors meeting.



John T. Sutton, Texas Water Development Board

Ms. Baker and Mr. Sutton are working with the "WATER IQ: Know your water" campaign. This is a public education campaign strategically based on the findings of the consumer awareness study. The hypothesis behind the campaign is that the more you tell Texans about where their water comes from, the more they'll conserve.

Three pilot campaigns, in three distinct regions of the state – North Texas, Central Texas and the Lubbock/High Plains region, are currently underway.

One hundred water stakeholders from across the state, who were interviewed on behalf of the task force, agree that education is the top strategy for taking conservation to the next level in Texas. Ms. Baker said, "When consumers understand the issues, they will step up and do their part, but they need the education and the facts."

The "WATER IQ: Know your water" campaign is sponsoring magazine, newspaper and billboard ads urging Texans to conserve water. For more information, go to WaterIQ.org.