PANHANDLE WATER NEWS

JULY 2022

PGCD & PARTNERS UNVEIL COLLABORATIVE MURAL

Left to Right: Texas Runs on Water Campaign Manager, Brianna Fuller; PGCD General Manager, Britney Britten; PGCD PR & Education Director, Aspen Edgar

PGCD along with Texas Water Foundation (The Panhandle Runs on Water) and The City of Amarillo collaborated on a mural in Downtown Amarillo promoting water conservation.

The mural, painted by Blank Spaces, depicts the story of the Panhandle's relationship with water.

“PGCD is proud to be a partner of the Panhandle Runs on Water campaign, and is excited to see what new conversations and connections are made because of this beautiful piece of public art,” said PGCD General Manager, Britney Britten. “Water conservation is not only about turning off the faucet when brushing your teeth, it also taps into our Panhandle pride and how we can all work together to sustain our area for generations to come.”

The mural is on the Amarillo Facilities building located at 8th and Johnson.

PANHANDLE GROUNDWATER CONSERVATION DISTRICT

POINTS OF INTEREST

"*Conserving Water for Future Generations*"

OGALLALA AQUIFER WATER LEVEL MEASUREMENTS

Panhandle Groundwater Conservation District (PGCD) conducts water level measurements of over 800 wells throughout the District annually to determine changes in aquifer water levels.

The measurements taken are used to determine the current water level in the aquifer, quantify the volume of groundwater remaining, monitor long-term trends in water levels, and provide information needed to determine IRS depletion allowances in addition to evaluate the status of the District's adopted desired future conditions.

The maps in this newsletter reflect the changes in water levels from 2021 to 2022 (in feet). The District generated the 2022 maps using differences in water level measurements taken from designated monitoring wells. These water level changes are shown with graduated symbols and colors to give a clearer representation of the data collected.

PGCD Field Technicians conducted water level measurements from November 2021 to March 2022 during the timeframe where irrigation demands are lowest, allowing the District to obtain a more representative static water level. Every effort is made to capture this measurement when levels have recovered or stabilized. Despite our best efforts, sometimes a credible water level cannot be obtained. This may occur because the well is pumping, the casing is inaccessible, the well has collapsed, or the well site is no longer accessible. If a well poses repeated challenges for several years, we may remove or replace it in the monitoring network with a more suitable site.

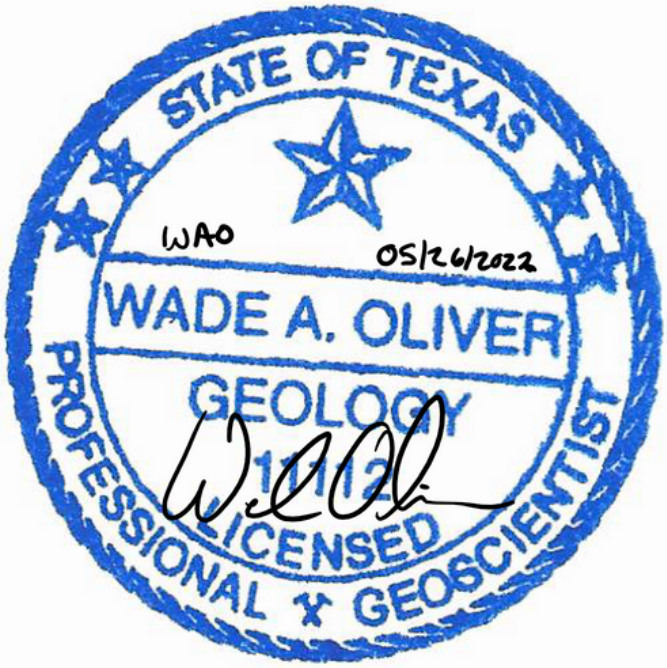
2022 DATA EXPLANATION

PGCD collects water level data on many wells throughout the District dating back as far as the 1950s. In this edition of the water level decline issue, the District mapped the 1-year difference at individual wells within our Annual Observation Well Network. During the 2022 data collection period, field staff noted a higher number of producers pumping during the winter months which resulted in a higher number of wells where a credible static water level could not be obtained. A comparison of state drought conditions from early November 2021 to late March 2022 shows parts of the District experiencing severe to extreme drought which potentially explains increased water production during these winter months.

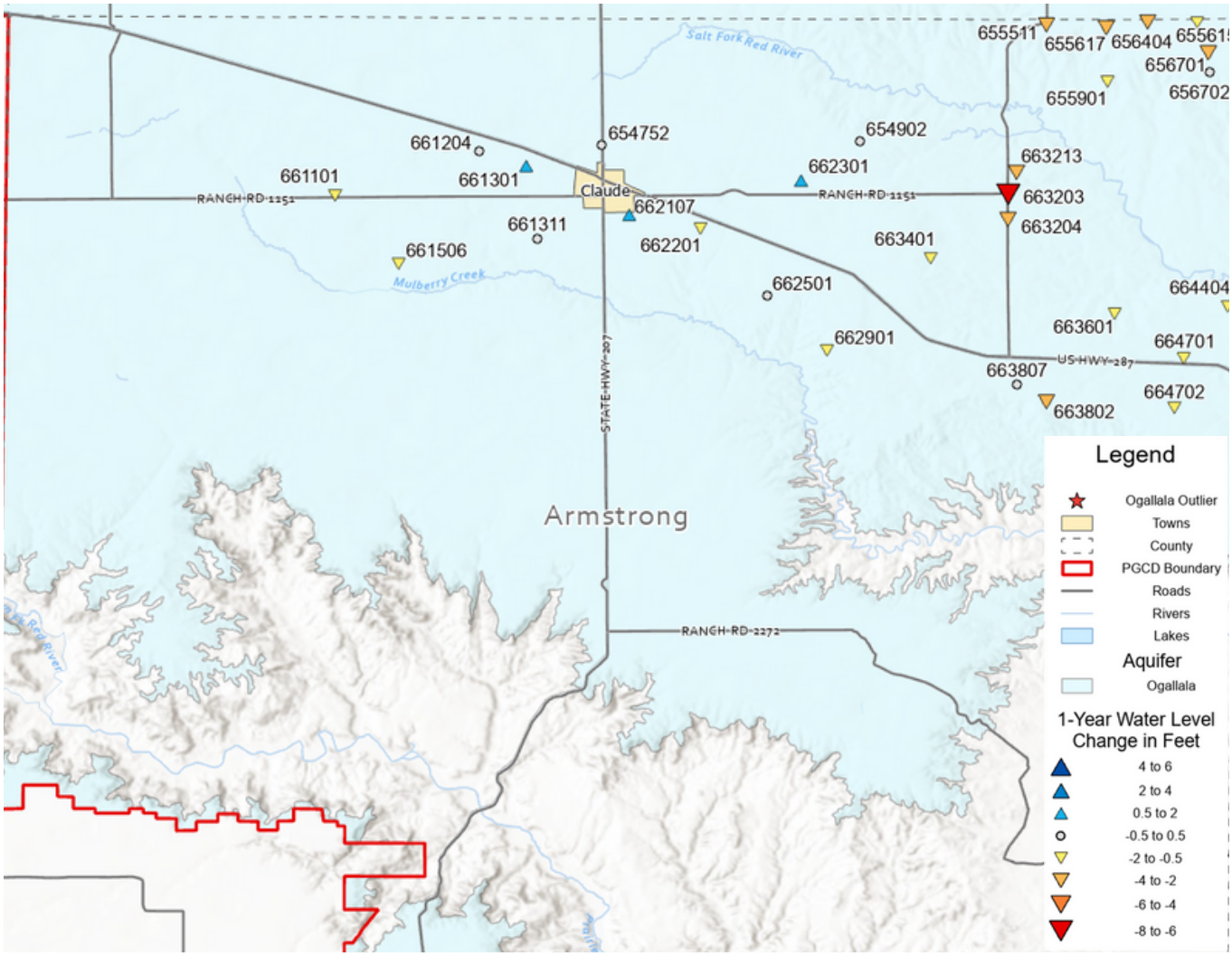
The column headings in the charts throughout this newsletter show (from left to right) (1) well number, (2) the initial year measured, (3) the initial depth measurement, (4) the 2021 water level depth, (5) the 2022 water level depth, (6) the initial depth measurement minus the current level depth during the period of record, (7) change in water level from 2021 to 2022 or the 1-year difference. The 1-year difference is the data used to create the maps in this newsletter.

Statistical analysis was conducted on water level measurements to determine any outliers. Through this process the District determined measurements of 12 Ogallala wells to be removed as outliers or because a credible water level could not be obtained. An additional 4 Dockum wells and 3 Blaine wells were removed after statistical analysis. These wells are noted with a red star and red label text on the maps and tables shown in this publication.

For further explanation or more information, please contact the District at 806-883-2501. These maps were made by District Hydrogeologist Ashley Ausbrooks, GIT and were developed under the supervision and with the final approval of Wade Oliver, Professional Geologist.



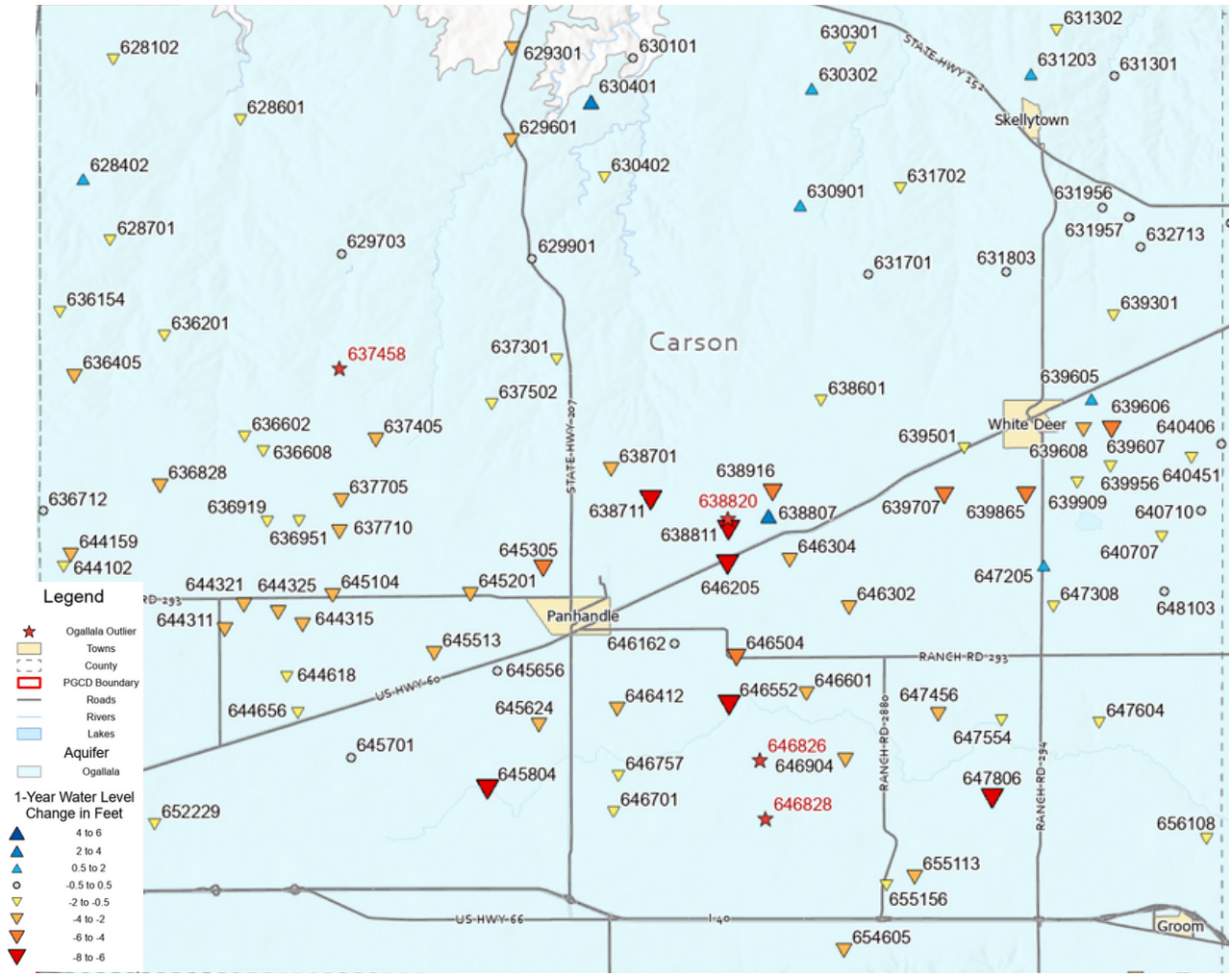
NORTHEAST ARMSTRONG COUNTY OGALLALA AQUIFER 1-YEAR CHANGE



Armstrong County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Yea	2021	2022	Initial to Current	1 YR Difference
654752	2003	-184.6	-183.5	-183.2	1.4	0.3
654902	1971	-295.0	-321.9	-321.6	-26.6	0.3
655511	2000	-340.7	-353.6	-356.2	-15.5	-2.6
655615	1975	-320.5	-364.4	-366.4	-45.9	-2.0
655617	2001	-310.8	-363.2	-365.6	-54.8	-2.4
655901	1975	-220.2	-251.8	-253.4	-33.2	-1.6
656404	1982	-327.2	-363.7	-364.6	-37.4	-0.9
656701	2005	-334.7	-363.8	-365.8	-31.1	-2.0
656702	1975	-311.4	-348.6	-348.3	-36.9	0.3
661101	1958	-154.2	-153.7	-154.2	0.0	-0.5
661204	2000	-167.0	-164.6	-164.2	2.8	0.4
661301	1954	-154.9	-157.1	-156.1	-1.2	1.0
661311	1975	-195.8	-197.6	-197.4	-1.6	0.2
661506	2011	-156.7	-161.9	-163.7	-7.0	-1.8

Armstrong County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
662107	2004	-175.0	-185.3	-184.2	-9.2	1.1
662201	1975	-185.0	-186.1	-186.7	-1.7	-0.6
662301	1975	-230.0	-285.2	-284.2	-54.2	1.0
662501	1958	-174.9	-182.2	-181.7	-6.8	0.5
662901	2005	-218.5	-217.8	-218.4	0.1	-0.6
663203	2000	-169.4	-177.7	-185.0	-15.6	-7.3
663204	1966	-135.0	-177.1	-180.8	-45.8	-3.7
663213	2014	-161.8	-165.9	-168.1	-6.3	-2.2
663401	1967	-190.0	-198.2	-198.9	-8.9	-0.7
663601	1980	-92.1	-102.9	-104.2	-12.1	-1.3
663802	1972	-190.0	-207.8	-210.3	-20.3	-2.5
663807	2014	-191.2	-191.4	-191.4	-0.2	0.0
664404	1975	-112.0	-123.7	-124.8	-12.8	-1.1
664701	1955	-114.0	-153.9	-155.6	-41.6	-1.7
664702	1956	-132.4	-160.4	-161.1	-28.7	-0.7

CARSON COUNTY OGALLALA AQUIFER 1-YEAR CHANGE



Carson County – Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
628102	1966	-169.0	-214.7	-215.5	-46.5	-0.8
628402	1977	-187.4	-204.4	-203.8	-16.4	0.6
628601	1958	-48.4	-70.2	-71.6	-23.2	-1.4
628701	1977	-238.1	-259.3	-259.8	-21.7	-0.5
629301	1977	-180.1	-185.4	-188.2	-8.1	-2.8
629601	1982	-53.7	-51.1	-53.4	0.3	-2.3
629703	2003	-286.6	-296.6	-296.7	-10.1	-0.1
629901	1982	-76.8	-84.6	-84.7	-7.9	-0.1
630101	2003	-53.4	-31.0	-30.8	22.6	0.2
630301	1977	-147.6	-152.0	-152.5	-4.9	-0.5
630302	2003	-236.3	-227.1	-225.2	11.1	1.9
630401	1977	-233.9	-157.7	-155.1	78.8	2.6
630402	2003	-121.1	-119.9	-120.4	0.7	-0.5
630901	2003	-333.3	-330.0	-329.1	4.2	0.9

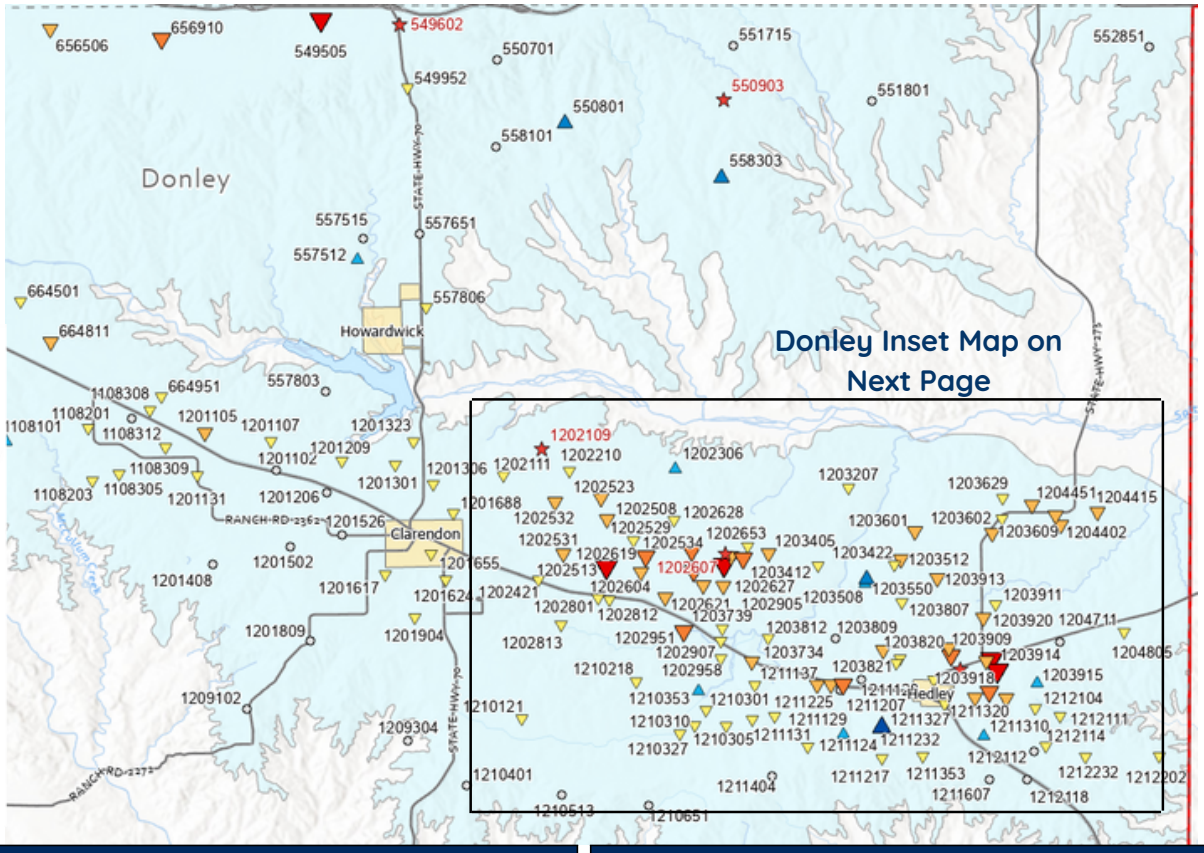
Carson County – Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
631203	1977	-295.2	-307.2	-305.4	-10.2	1.8
631301	1977	-118.2	-123.5	-123.8	-5.6	-0.3
631302	1981	-242.0	-249.0	-249.8	-7.8	-0.8
631701	1970	-380.0	-391.3	-391.5	-11.5	-0.2
631702	1981	-269.2	-281.1	-281.8	-12.6	-0.7
631803	1999	-426.0	-395.3	-395.5	30.5	-0.2
631956	2001	-224.9	-226.7	-226.8	-1.9	-0.1
631957	2001	-327.9	-329.5	-329.9	-2.0	-0.4
632713	2017	-408.1	-407.7	-407.9	0.2	-0.2
636154	2001	-303.5	-330.9	-332.0	-28.5	-1.1
636201	1977	-333.0	-371.9	-372.8	-39.8	-0.9
636405	2011	-413.3	-432.0	-434.2	-20.9	-2.2
636602	1969	-421.1	-513.6	-514.3	-93.2	-0.7
636608	1999	-488.4	-530.1	-530.9	-42.5	-0.8
636712	2011	-415.7	-434.2	-434.4	-18.7	-0.2

CARSON COUNTY CONTINUED

Carson County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
636828	2014	-545.6	-548.1	-550.6	-5.0	-2.5
636919	1978	-442.0	-528.3	-529.9	-87.9	-1.6
636951	2012	-484.8	-494.5	-495.0	-10.2	-0.5
637301	1981	-250.8	-286.5	-287.9	-37.1	-1.4
637405	1977	-386.8	-465.2	-467.2	-80.4	-2.0
★ **637458**	2002	-416.7	-447.9	-456.4	-39.7	-8.5
637502	2005	-305.4	-326.5	-327.9	-22.5	-1.4
637705	1992	-467.6	-484.0	-487.1	-19.5	-3.1
637710	2004	-431.6	-459.1	-461.4	-29.8	-2.3
638601	1956	-306.5	-381.0	-381.5	-75.0	-0.5
638701	1956	-328.3	-439.2	-441.6	-113.3	-2.4
638711	2001	-431.5	-457.3	-463.6	-32.1	-6.3
638807	1956	-310.0	-438.6	-436.1	-126.1	2.5
638811	1974	-360.3	-466.0	-473.0	-112.7	-7.0
★ **638820**	2015	-446.4	-460.3	-470.7	-24.3	-10.4
638916	1999	-404.6	-447.9	-453.8	-49.2	-5.9
639301	1958	-383.4	-398.4	-399.1	-15.7	-0.7
639501	1958	-284.4	-385.3	-386.3	-101.9	-1.0
639605	2005	-395.0	-290.3	-288.6	106.4	1.7
639606	2005	-377.7	-356.9	-357.1	20.6	-0.2
639607	2006	-363.9	-377.4	-382.1	-18.2	-4.7
639608	2005	-353.9	-363.2	-365.6	-11.7	-2.4
639707	2000	-380.4	-405.2	-409.7	-29.3	-4.5
639865	2001	-396.9	-414.2	-419.4	-22.5	-5.2
639909	2000	-352.4	-361.4	-362.9	-10.5	-1.5
639956	2001	-371.7	-390.1	-391.4	-19.7	-1.3
640406	2016	-399.3	-405.1	-404.8	-5.5	0.3
640451	2014	-393.8	-398.5	-399.6	-5.8	-1.1
640707	2016	-396.0	-401.3	-402.6	-6.6	-1.3
640710	2020	-354.1	-355.2	-354.8	-0.7	0.4
644102	2015	-496.8	-504.8	-506.6	-9.8	-1.8
644159	2017	-493.8	-498.2	-501.0	-7.2	-2.8
644311	1956	-387.0	-523.1	-525.9	-138.9	-2.8
644315	1992	-487.1	-480.0	-482.8	4.3	-2.8

Carson County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
644321	2014	-519.0	-534.0	-536.0	-17.0	-2.0
644325	2015	-494.4	-509.5	-512.2	-17.8	-2.7
644618	2006	-439.7	-469.2	-469.7	-30.0	-0.5
644656	2000	-433.0	-448.0	-449.5	-16.5	-1.5
645104	2001	-417.7	-457.0	-460.5	-42.8	-3.5
645201	1958	-331.9	-455.6	-458.3	-126.4	-2.7
645513	2001	-435.1	-466.5	-469.2	-34.1	-2.7
645624	2015	-425.9	-435.2	-438.5	-12.6	-3.3
645701	1956	-337.8	-392.4	-392.5	-54.7	-0.1
645804	1994	-323.1	-332.9	-339.8	-16.7	-6.9
646162	2002	-374.9	-389.8	-389.5	-14.6	0.3
646205	2000	-427.0	-457.6	-463.8	-36.8	-6.2
646302	1961	-294.5	-388.3	-391.8	-97.3	-3.5
646304	2011	-415.9	-445.5	-448.2	-32.3	-2.7
646412	2010	-405.7	-436.8	-439.7	-34.0	-2.9
646504	2000	-387.2	-401.9	-407.1	-19.9	-5.2
646552	2000	-354.7	-369.8	-376.6	-21.9	-6.8
646601	1956	-295.2	-380.8	-384.5	-89.3	-3.7
646701	1956	-325.9	-374.0	-374.8	-48.9	-0.8
646757	2003	-375.4	-405.1	-406.6	-31.2	-1.5
★ **646826**	2016	-391.8	-404.8	-413.0	-21.2	-8.2
★ **646828**	2018	-384.8	-392.3	-401.7	-16.9	-9.4
646904	2000	-360.5	-375.2	-379.0	-18.5	-3.8
647205	1956	-297.0	-384.6	-383.7	-86.7	0.9
647308	1969	-296.8	-297.8	-298.3	-1.5	-0.5
647456	2017	-351.3	-354.3	-357.4	-6.1	-3.1
647554	2002	-318.4	-315.2	-316.2	2.2	-1.0
647604	1980	-286.4	-329.8	-331.6	-45.2	-1.8
647806	2002	-352.1	-376.6	-383.8	-31.7	-7.2
648103	2016	-317.4	-318.7	-319.1	-1.7	-0.4
652229	2017	-214.8	-214.4	-215.0	-0.2	-0.6
654605	2018	-387.6	-390.7	-394.3	-6.7	-3.6
655113	1999	-369.5	-400.8	-404.7	-35.2	-3.9
655156	2002	-371.2	-403.7	-404.7	-33.5	-1.0
656108	1968	-370.0	-317.8	-318.9	51.1	-1.1

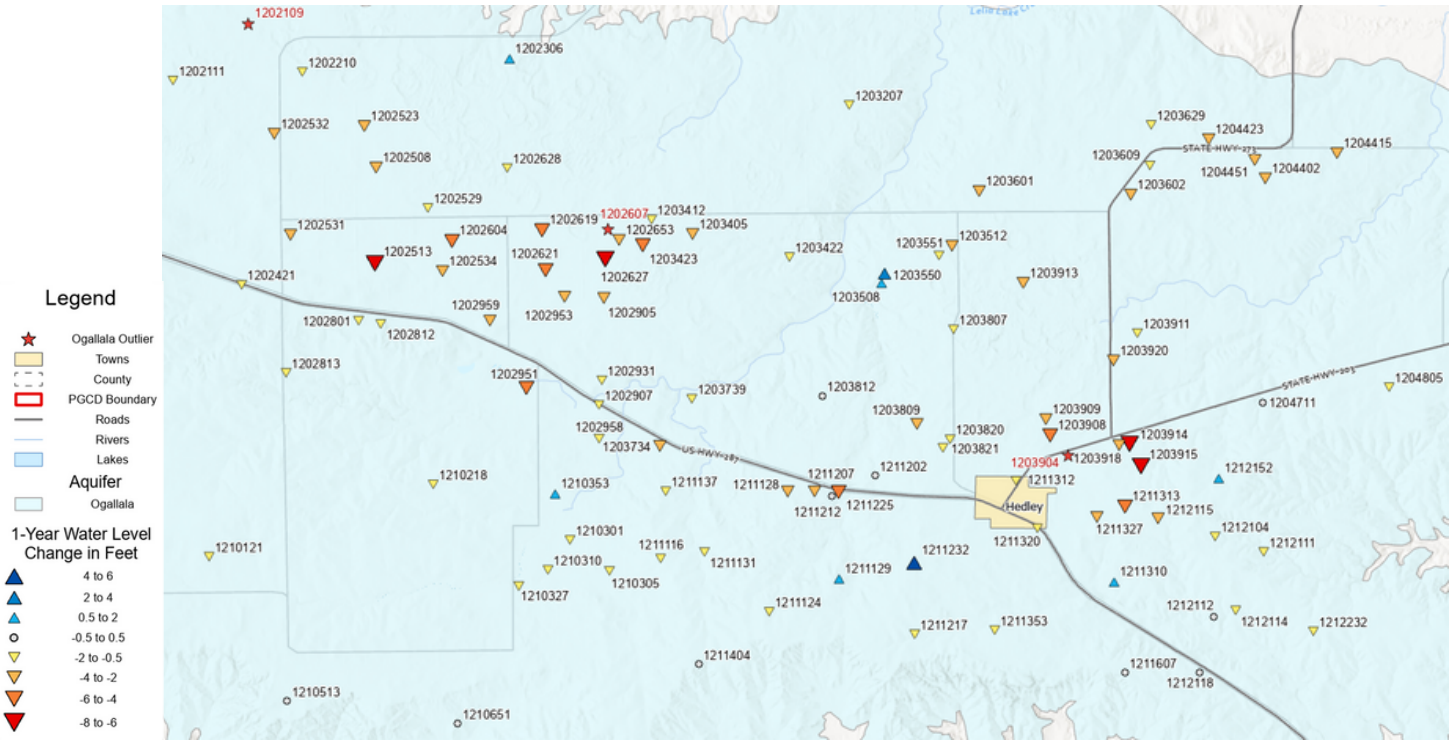
DONLEY COUNTY OGALLALA AQUIFER 1-YEAR CHANGE



Donley County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
549505	2017	-345.5	-344.6	-351.5	-6.0	-6.9
★ **549602**	2018	-340.4	-342.6	-352.8	-12.4	-10.2
549952	2010	-249.4	-254.7	-255.6	-6.2	-0.9
550701	1976	-113.9	-112.7	-112.5	1.4	0.2
550801	2001	-85.8	-106.4	-103.5	-17.7	2.9
★ **550903**	1977	-120.0	-110.5	-103.1	16.9	7.4
551715	1976	-133.5	-114.5	-114.4	19.1	0.1
551801	1968	-96.0	-95.7	-96.0	0.0	-0.3
552851	2001	-120.4	-125.6	-125.3	-4.9	0.3
557512	1999	-38.7	-42.7	-42.1	-3.4	0.6
557515	2018	-71.2	-71.2	-71.3	-0.1	-0.1
557651	2018	-91.0	-91.6	-92.0	-1.0	-0.4
557803	1976	-89.1	-90.7	-91.1	-2.0	-0.4
557806	2010	-43.5	-60.4	-61.4	-17.9	-1.0
558101	2002	-107.0	-111.1	-110.6	-3.6	0.5
558303	1977	-44.6	-48.6	-46.2	-1.6	2.4
656506	1999	-274.0	-351.8	-354.7	-80.7	-2.9
656910	2018	-328.9	-334.1	-338.1	-9.2	-4.0
664501	1958	-109.3	-130.3	-132.2	-22.9	-1.9
664811	1976	-96.2	-125.1	-129.0	-32.8	-3.9
664951	1998	-84.2	-75.8	-76.4	7.8	-0.6
1108101	1999	-96.5	-107.9	-107.3	-10.8	0.6
1108201	1958	-106.5	-140.3	-142.0	-35.5	-1.7
1108203	1977	-36.3	-60.9	-61.5	-25.2	-0.6

Donley County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
1108305	2001	-92.4	-115.8	-116.4	-24.0	-0.6
1108308	1955	-54.5	-89.3	-90.5	-36.0	-1.2
1108309	2001	-70.5	-97.3	-98.6	-28.1	-1.3
1108312	2000	-69.0	-98.7	-99.0	-30.0	-0.3
1201102	1958	-31.4	-46.2	-45.8	-14.4	0.4
1201105	2018	-87.5	-91.7	-94.2	-6.7	-2.5
1201107	2004	-46.5	-55.4	-56.1	-9.6	-0.7
1201131	1976	-51.1	-66.2	-67.4	-16.3	-1.2
1201206	1968	-79.1	-79.0	-78.9	0.2	0.1
1201209	2010	-44.2	-53.6	-54.6	-10.4	-1.0
1201301	1958	-27.6	-66.6	-67.1	-39.5	-0.5
1201306	1968	-46.8	-78.5	-80.1	-33.3	-1.6
1201323	2010	-124.1	-146.6	-148.0	-23.9	-1.4
1201408	2017	-100.5	-103.3	-103.3	-2.8	0.0
1201502	1968	-162.6	-136.4	-136.3	26.3	0.1
1201526	2010	-103.2	-107.5	-107.7	-4.5	-0.2
1201617	1980	-129.5	-120.8	-121.5	8.0	-0.7
1201624	1977	-112.2	-110.8	-111.4	0.8	-0.6
1201655	2001	-55.0	-68.8	-70.2	-15.2	-1.4
1201688	2012	-49.1	-66.2	-68.0	-18.9	-1.8
1201809	2015	-218.5	-213.4	-213.4	5.1	0.0
1201904	1980	-152.5	-150.1	-150.9	1.6	-0.8
★ **1202109**	2010	-96.0	-105.9	-114.7	-18.7	-8.8
1202111	2015	-115.4	-123.0	-124.9	-9.5	-1.9
1202210	1976	-60.7	-88.3	-89.2	-28.5	-0.9

DONLEY COUNTY INSET OGALLALA AQUIFER 1-YEAR CHANGE



Donley County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
1202306	1977	-49.2	-58.4	-56.6	-7.4	1.8
1202421	2010	-26.2	-39.2	-40.6	-14.4	-1.4
1202508	2010	-83.1	-107.6	-110.4	-27.3	-2.8
1202513	2010	-71.4	-94.1	-101.8	-30.4	-7.7
1202523	2010	-84.4	-100.7	-103.3	-18.9	-2.6
1202529	2010	-75.5	-100.3	-101.9	-26.4	-1.6
1202531	2010	-59.4	-86.5	-89.0	-29.6	-2.5
1202532	2016	-75.1	-86.2	-88.3	-13.2	-2.1
1202534	2012	-65.8	-81.5	-84.1	-18.3	-2.6
1202604	1967	-46.0	-89.6	-94.1	-48.1	-4.5
★ **1202607**	1961	-56.3	-92.2	-100.9	-44.6	-8.7
1202619	2010	-75.2	-92.8	-98.0	-22.8	-5.2
1202621	2010	-52.7	-70.4	-74.5	-21.8	-4.1
1202627	2010	-79.0	-93.8	-101.4	-22.4	-7.6
1202628	2010	-49.5	-64.3	-66.1	-16.6	-1.8
1202653	2010	-99.0	-93.5	-96.0	3.0	-2.5
1202801	2010	-32.5	-52.8	-54.3	-21.8	-1.5
1202812	1977	-18.8	-44.8	-46.3	-27.5	-1.5
1202813	2010	-81.9	-88.0	-88.7	-6.8	-0.7
1202905	2010	-68.6	-81.9	-85.2	-16.6	-3.3
1202907	2000	-12.0	-20.8	-22.1	-10.1	-1.3
1202931	1977	-39.0	-48.2	-48.9	-9.9	-0.7
1202951	2007	-15.1	-24.6	-29.9	-14.8	-5.3
1202953	2010	-48.0	-63.5	-66.7	-18.7	-3.2
1202958	2006	-11.5	-21.8	-22.3	-10.8	-0.5
1202959	2013	-60.5	-70.0	-73.1	-12.6	-3.1

Donley County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
1203207	1976	-77.1	-84.3	-84.8	-7.7	-0.5
1203405	2000	-62.9	-87.2	-89.9	-27.0	-2.7
1203412	2010	-80.6	-93.4	-94.1	-13.5	-0.7
1203422	2010	-39.8	-46.9	-47.5	-7.7	-0.6
1203423	2010	-89.6	-105.1	-109.6	-20.0	-4.5
1203508	2012	-83.5	-81.0	-79.5	4.0	1.5
1203512	2010	-111.0	-113.0	-115.0	-4.0	-2.0
1203550	2010	-93.1	-92.5	-90.4	2.7	2.1
1203551	2010	-112.8	-115.0	-115.6	-2.8	-0.6
1203601	1968	-103.7	-103.7	-105.8	-2.1	-2.1
1203602	2010	-111.8	-120.9	-123.7	-11.9	-2.8
1203609	2010	-115.7	-124.4	-126.2	-10.5	-1.8
1203629	2017	-95.2	-98.8	-100.0	-4.8	-1.2
1203734	2009	-34.9	-35.6	-38.6	-3.7	-3.0
1203739	2015	-27.1	-28.8	-29.4	-2.3	-0.6
1203807	2018	-125.8	-127.8	-129.3	-3.5	-1.5
1203809	2009	-55.3	-62.8	-65.1	-9.8	-2.3
1203812	2012	-81.7	-93.5	-93.4	-11.7	0.1
1203820	2010	-70.5	-77.6	-78.7	-8.2	-1.1
1203821	2010	-62.7	-67.2	-68.6	-5.9	-1.4
★ **1203904**	1978	-69.8	-74.4	-82.8	-13.0	-8.4
1203908	2010	-76.1	-86.5	-92.1	-16.0	-5.6
1203909	2010	-83.8	-94.8	-98.6	-14.8	-3.8
1203911	2007	-46.8	-54.8	-56.2	-9.4	-1.4
1203913	2010	-99.9	-105.4	-109.3	-9.4	-3.9

DONLEY COUNTY CONTINUED

Donley County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
1203914	2010	-96.6	-107.0	-113.7	-17.1	-6.7
1203915	2009	-90.4	-91.9	-99.5	-9.1	-7.6
1203918	2010	-78.6	-80.5	-83.1	-4.5	-2.6
1203920	2014	-51.9	-54.1	-56.2	-4.3	-2.1
1204402	2010	-115.2	-129.7	-133.6	-18.4	-3.9
1204415	2010	-97.0	-107.6	-111.0	-14.0	-3.4
1204423	2017	-125.6	-130.4	-132.7	-7.1	-2.3
1204451	2008	-121.7	-140.9	-144.1	-22.4	-3.2
1204711	2009	-52.4	-38.8	-38.8	13.6	0.0
1204805	1980	-40.4	-40.0	-40.7	-0.3	-0.7
1209102	2001	-99.7	-101.7	-102.0	-2.3	-0.3
1209304	1977	-25.5	-27.2	-27.6	-2.1	-0.4
1210121	2006	-129.3	-136.9	-137.8	-8.5	-0.9
1210218	1977	-63.7	-67.7	-68.4	-4.7	-0.7
1210301	2000	-9.2	-24.3	-25.4	-16.2	-1.1
1210305	1968	-32.6	-48.0	-49.0	-16.4	-1.0
1210310	2000	-19.8	-37.4	-38.5	-18.7	-1.1
1210327	2015	-47.0	-48.1	-48.9	-1.9	-0.8
1210353	2000	-17.3	-31.2	-29.9	-12.6	1.3
1210401	1958	-111.6	-114.2	-114.3	-2.7	-0.1
1210513	2004	-116.2	-118.4	-118.5	-2.3	-0.1
1210651	2011	-67.8	-69.1	-68.9	-1.1	0.2
1211116	2010	-112.4	-119.6	-120.3	-7.9	-0.7
1211124	2009	-183.2	-189.5	-190.2	-7.0	-0.7

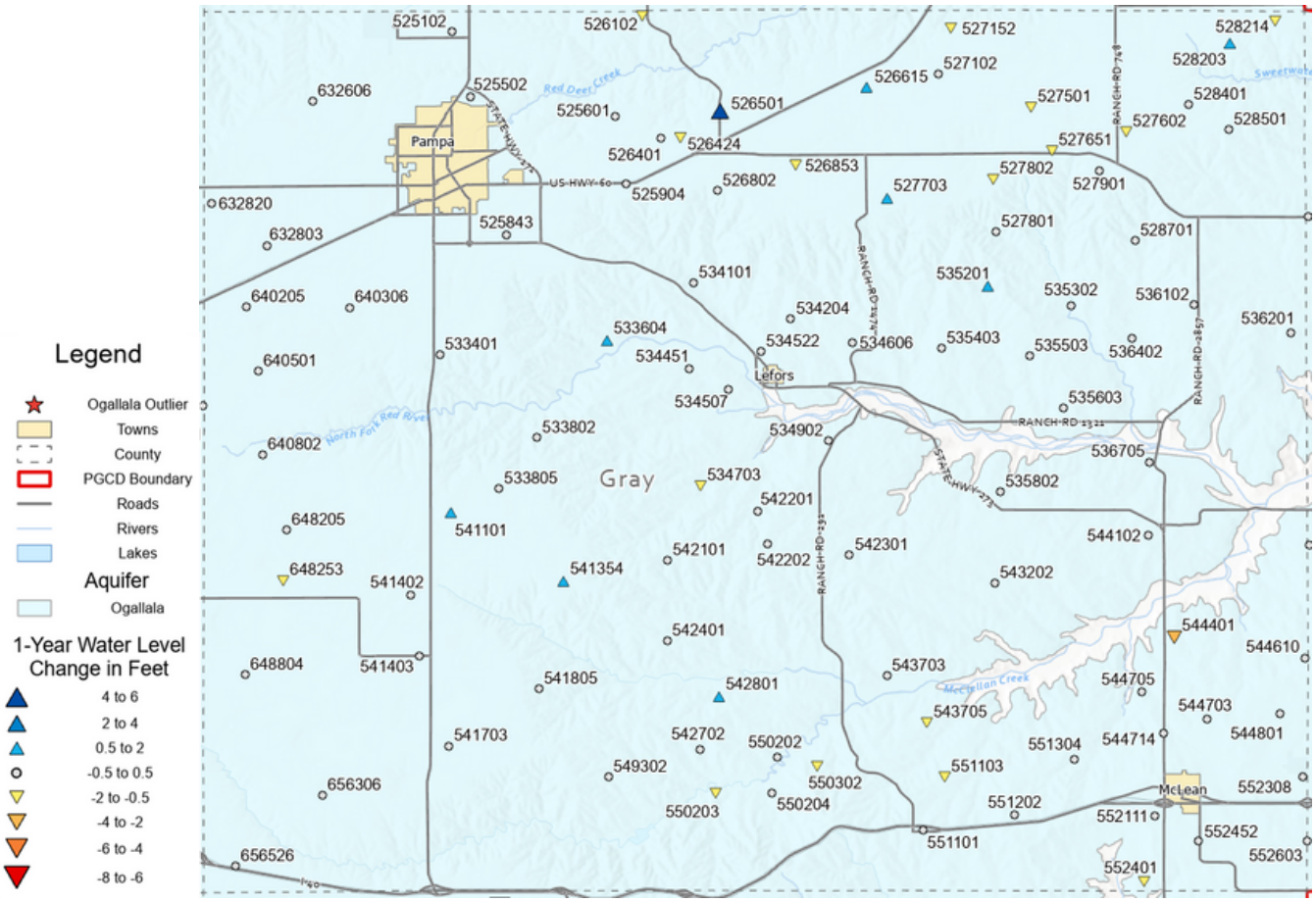
Donley County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
1211128	2021	-131.2	-131.2	-133.2	-2.0	-2.0
1211129	2009	-183.9	-169.9	-169.2	14.7	0.7
1211131	2009	-76.3	-83.5	-84.1	-7.8	-0.6
1211137	2017	-113.1	-114.2	-115.2	-2.1	-1.0
1211202	2015	-56.6	-55.1	-55.2	1.4	-0.1
1211207	1961	-82.4	-111.5	-115.2	-32.8	-3.7
1211212	2010	-90.7	-91.4	-91.3	-0.6	0.1
1211217	2017	-143.7	-145.4	-146.1	-2.4	-0.7
1211310	1977	-88.3	-81.9	-81.1	7.2	0.8
1211312	2010	-57.4	-66.8	-68.2	-10.8	-1.4
1211313	2010	-147.1	-156.4	-161.8	-14.7	-5.4
1211320	2009	-83.3	-91.4	-92.9	-9.6	-1.5
1211327	2010	-119.0	-126.7	-129.4	-10.4	-2.7
1211353	1997	-104.1	-112.4	-113.2	-9.1	-0.8
1211404	1977	-193.0	-200.7	-201.1	-8.1	-0.4
1211607	2009	-133.4	-136.1	-136.0	-2.6	0.1
1212104	1999	-189.9	-130.4	-131.8	58.1	-1.4
1212111	2009	-59.8	-64.1	-64.8	-5.0	-0.7
1212112	2007	-85.2	-88.4	-88.6	-3.4	-0.2
1212114	2009	-87.2	-93.5	-94.5	-7.3	-1.0
1212115	2009	-125.1	-130.4	-132.7	-7.6	-2.3
1212118	2009	-72.9	-91.8	-92.2	-19.3	-0.4
1212152	2009	-95.3	-101.4	-99.9	-4.6	1.5
1212202	1977	-90.9	-87.1	-87.7	3.2	-0.6
1212232	2009	-109.3	-108.3	-109.5	-0.2	-1.2

PGCD is hosting a Kids Kamp on Thursday, August 4th from 9:00 a.m. to 12:00 p.m.

The camp is free for all incoming kindergarten through 5th grade students for the 2022/2023 school year. If you are interested in your student attending, contact Aspen Edgar at 806-883-2501 or aedgar@pgcd.us.

Lunch will be provided for all students in attendance.

GRAY COUNTY OGALLALA AQUIFER 1-YEAR CHANGE



Gray County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
525102	1967	-355.0	-392.3	-392.7	-37.7	-0.4
525502	1969	-352.1	-354.8	-354.4	-2.3	0.4
525601	2002	-369.0	-372.1	-372.4	-3.4	-0.3
525843	2014	-377.8	-379.1	-379.0	-1.2	0.1
525904	1958	-347.9	-372.0	-371.8	-23.9	0.2
526102	2006	-370.0	-360.2	-360.8	9.2	-0.6
526401	1973	-365.0	-377.4	-377.1	-12.1	0.3
526424	2019	-380.9	-381.2	-381.8	-0.9	-0.6
526501	1958	-346.0	-372.2	-368.0	-22.0	4.2
526615	2014	-377.6	-385.4	-384.5	-6.9	0.9
526802	1999	-355.2	-362.3	-361.8	-6.6	0.5
526853	1999	-364.7	-371.7	-373.6	-8.9	-1.9
527102	1961	-343.1	-372.2	-372.5	-29.4	-0.3
527152	2009	-344.3	-352.3	-353.3	-9.0	-1.0
527501	1974	-339.0	-356.7	-357.2	-18.2	-0.5
527602	1975	-324.0	-336.6	-338.2	-14.2	-1.6
527651	2009	-348.1	-347.6	-348.2	-0.1	-0.6
527703	1980	-360.2	-379.5	-378.8	-18.6	0.7
527801	1968	-118.4	-137.1	-136.8	-18.4	0.3
527802	1975	-342.0	-346.8	-347.6	-5.6	-0.8
527901	1958	-331.5	-343.6	-343.5	-12.0	0.1

Gray County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
528203	1994	-340.6	-345.3	-344.7	-4.1	0.6
528214	2012	-348.2	-350.5	-351.3	-3.1	-0.8
528401	1958	-321.4	-336.3	-336.7	-15.3	-0.4
528501	1974	-297.0	-286.9	-287.3	9.7	-0.4
528701	1972	-112.0	-113.8	-114.1	-2.1	-0.3
533401	1958	-324.8	-352.8	-352.7	-27.9	0.1
533604	1999	-76.7	-80.1	-79.1	-2.4	1.0
533802	1971	-210.0	-212.2	-212.2	-2.2	0.0
533805	2010	-342.9	-345.9	-345.6	-2.7	0.3
534101	1966	-150.0	-143.9	-143.8	6.2	0.1
534204	1965	-180.0	-197.1	-197.2	-17.2	-0.1
534451	2002	-108.8	-111.6	-111.7	-2.9	-0.1
534507	1977	-34.8	-35.4	-35.1	-0.3	0.3
534522	2016	-54.0	-76.9	-76.7	-22.7	0.2
534606	1977	-74.0	-75.1	-75.5	-1.5	-0.4
534902	1977	-73.0	-72.1	-71.9	1.1	0.2
535201	1968	-109.9	-123.8	-123.1	-13.2	0.7
535302	1969	-14.0	-17.6	-17.2	-3.2	0.4
535403	1968	-120.0	-127.3	-127.2	-7.2	0.1
535503	1978	-77.0	-76.8	-76.9	0.1	-0.1
535603	1977	-78.5	-77.2	-77.4	1.1	-0.2
535802	1968	-116.2	-120.2	-120.2	-4.0	0.0

GRAY COUNTY CONTINUED

Gray County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
536102	1979	-163.0	-168.7	-168.5	-5.5	0.2
536201	1968	-144.6	-153.9	-153.4	-8.8	0.5
536402	1977	-9.6	-8.6	-8.6	1.0	0.0
536705	1977	-6.0	-6.9	-6.8	-0.8	0.1
541101	1958	-339.6	-378.8	-377.9	-38.3	0.9
541354	2012	-354.8	-362.7	-361.5	-6.7	1.2
541402	2015	-318.8	-320.9	-320.6	-1.8	0.3
541403	1981	-290.4	-297.5	-297.7	-7.3	-0.2
541703	2019	-260.6	-260.9	-260.8	-0.2	0.1
541805	2018	-269.8	-266.8	-267.2	2.6	-0.4
542101	1968	-252.2	-264.1	-264.2	-12.0	-0.1
542201	1968	-128.7	-133.1	-132.8	-4.1	0.3
542202	1977	-262.5	-263.1	-263.1	-0.6	0.0
542301	1968	-136.4	-141.8	-141.7	-5.3	0.1
542401	1968	-193.9	-203.9	-203.5	-9.6	0.4
542702	1978	-144.7	-145.9	-145.7	-1.0	0.2
542801	1968	-78.1	-82.7	-82.1	-4.0	0.6
543202	1977	-111.3	-112.9	-112.9	-1.6	0.0
543703	1968	-15.3	-16.3	-16.7	-1.4	-0.4
543705	1967	-105.0	-107.2	-107.8	-2.8	-0.6
544102	1977	-141.9	-141.6	-141.5	0.4	0.1
544401	1968	-64.0	-63.4	-67.3	-3.3	-3.9
544610	1967	-178.0	-187.8	-187.4	-9.4	0.4
544703	1977	-132.6	-132.6	-132.3	0.3	0.3
544705	1977	-66.0	-65.8	-66.1	-0.1	-0.3
544714	2006	-109.8	-116.8	-116.7	-6.9	0.1
544801	1968	-116.1	-115.1	-115.5	0.6	-0.4

Gray County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
549302	2005	-214.0	-197.7	-197.7	16.3	0.0
550202	1977	-26.0	-23.8	-23.9	2.1	-0.1
550203	1977	-58.7	-57.2	-57.9	0.8	-0.7
550204	1977	-52.9	-53.2	-52.8	0.1	0.4
550302	1968	-88.0	-87.1	-87.7	0.3	-0.6
551101	1968	-216.0	-216.6	-216.7	-0.7	-0.1
551103	1991	-138.7	-138.8	-139.4	-0.7	-0.6
551202	1977	-193.9	-195.8	-195.6	-1.7	0.2
551304	1977	-75.6	-79.3	-79.5	-3.9	-0.2
552111	1977	-113.2	-111.6	-112.0	1.2	-0.4
552308	1967	-107.0	-106.2	-105.9	1.1	0.3
552401	1968	-85.8	-73.9	-74.4	11.4	-0.5
552452	2001	-105.7	-113.2	-113.1	-7.4	0.1
552603	1967	-21.0	-21.5	-21.6	-0.6	-0.1
632606	1980	-378.8	-368.6	-368.5	10.3	0.1
632803	1967	-375.0	-397.6	-397.5	-22.5	0.1
632820	2015	-369.2	-369.8	-369.7	-0.5	0.1
640205	1982	-384.3	-389.6	-389.7	-5.4	-0.1
640306	1965	-317.5	-391.6	-391.9	-74.4	-0.3
640501	1980	-362.7	-379.2	-379.4	-16.7	-0.2
640802	1968	-326.5	-376.6	-376.6	-50.1	0.0
648205	2014	-378.8	-383.4	-383.1	-4.3	0.3
648253	1974	-340.0	-361.3	-361.8	-21.8	-0.5
648804	2013	-289.8	-293.3	-293.3	-3.5	0.0
656306	1980	-273.6	-293.4	-293.6	-20.0	-0.2
656526	2013	-304.4	-318.8	-318.8	-14.4	0.0

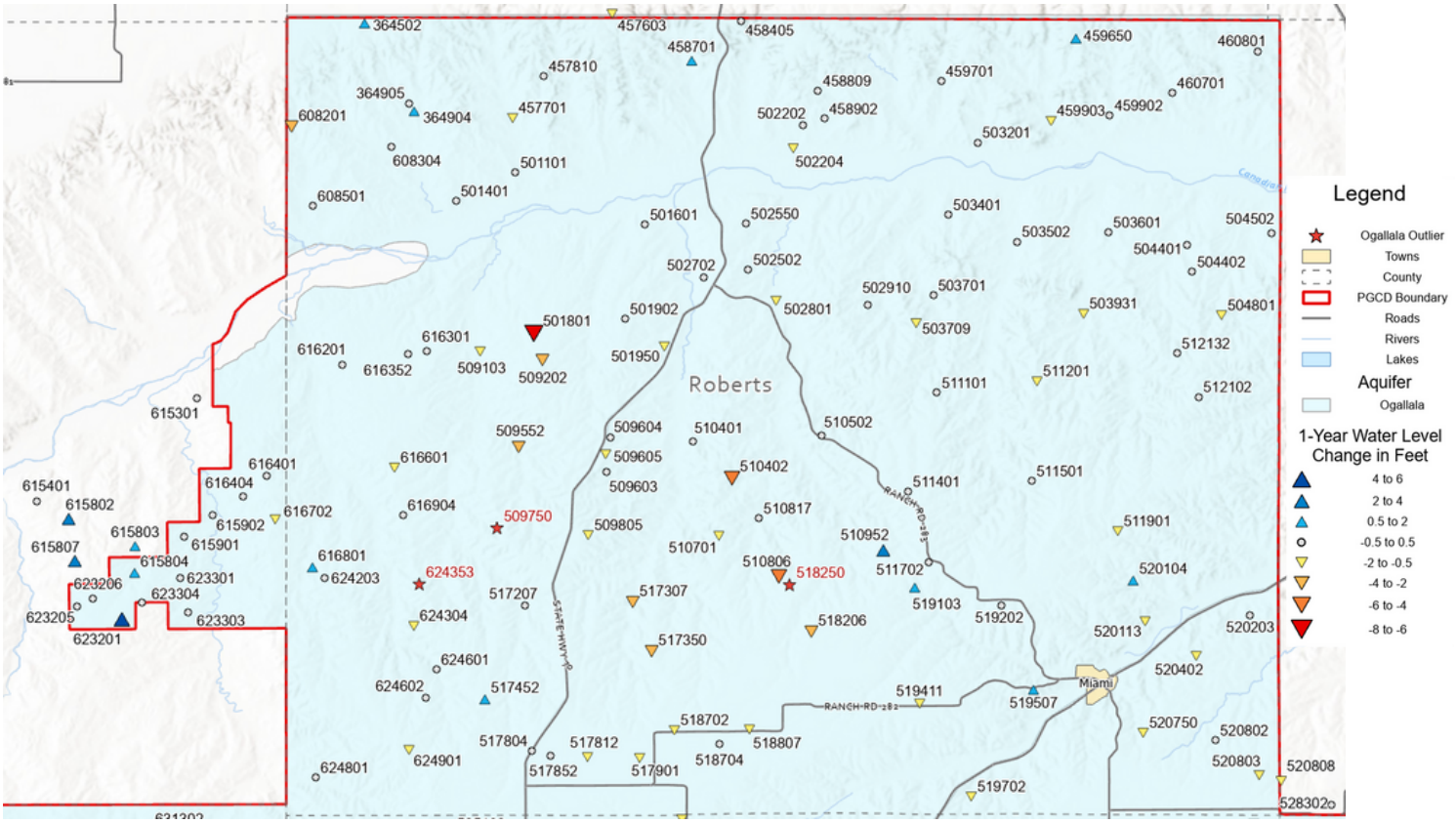
SOD POODLES WATER CONSERVATION NIGHT

PGCD hosted a water conservation night at Hodgetown on Sunday, July 17.

The evening started off with a ceremonial first pitch thrown by General Manager, Britney Britten. Staff members then handed out giveaways with the District's new logo and enjoyed visiting with the Sod Poodles' crowd.

At the top of the 4th inning, PGCD Board of Directors President, Jim Thompson (pictured left) participated in a radio interview focusing on the importance of water conservation and various programs that the District offers.

HUTCHINSON AND ROBERTS COUNTY OGALLALA AQUIFER 1-YEAR CHANGE



Hutchinson County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
615301	1999	-131.2	-115.9	-116.2	15.0	-0.3
615804	1999	-111.4	-111.8	-111.2	0.2	0.6
615901	1999	-73.3	-75.7	-75.3	-2.0	0.4
615902	2004	-25.7	-25.3	-25.4	0.3	-0.1
616401	2001	-294.6	-290.7	-290.9	3.7	-0.2
616404	1999	-101.8	-101.9	-101.7	0.1	0.2
616702	2004	-237.4	-247.0	-247.7	-10.3	-0.7
623301	1999	-116.2	-116.8	-117.0	-0.8	-0.2
623303	2003	-103.8	-98.2	-98.1	5.7	0.1
623304	2004	-190.8	-191.4	-191.6	-0.8	-0.2

Roberts County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
364502	1977	-412.0	-463.1	-462.1	-50.1	1.0
364904	2000	-108.6	-121.4	-120.7	-12.1	0.7
364905	2007	-94.8	-104.7	-104.2	-9.4	0.5
457603	2006	-401.6	-414.5	-415.6	-14.0	-1.1
457701	2003	-22.0	-30.2	-30.8	-8.8	-0.6
457810	1999	-253.4	-261.8	-261.9	-8.5	-0.1
458405	2000	-337.8	-348.0	-348.3	-10.5	-0.3
458701	1980	-73.8	-96.1	-95.5	-21.7	0.6
458809	2014	-161.4	-162.6	-162.5	-1.1	0.1
458902	2004	-117.4	-121.1	-120.9	-3.5	0.2

ROBERTS COUNTY CONTINUED

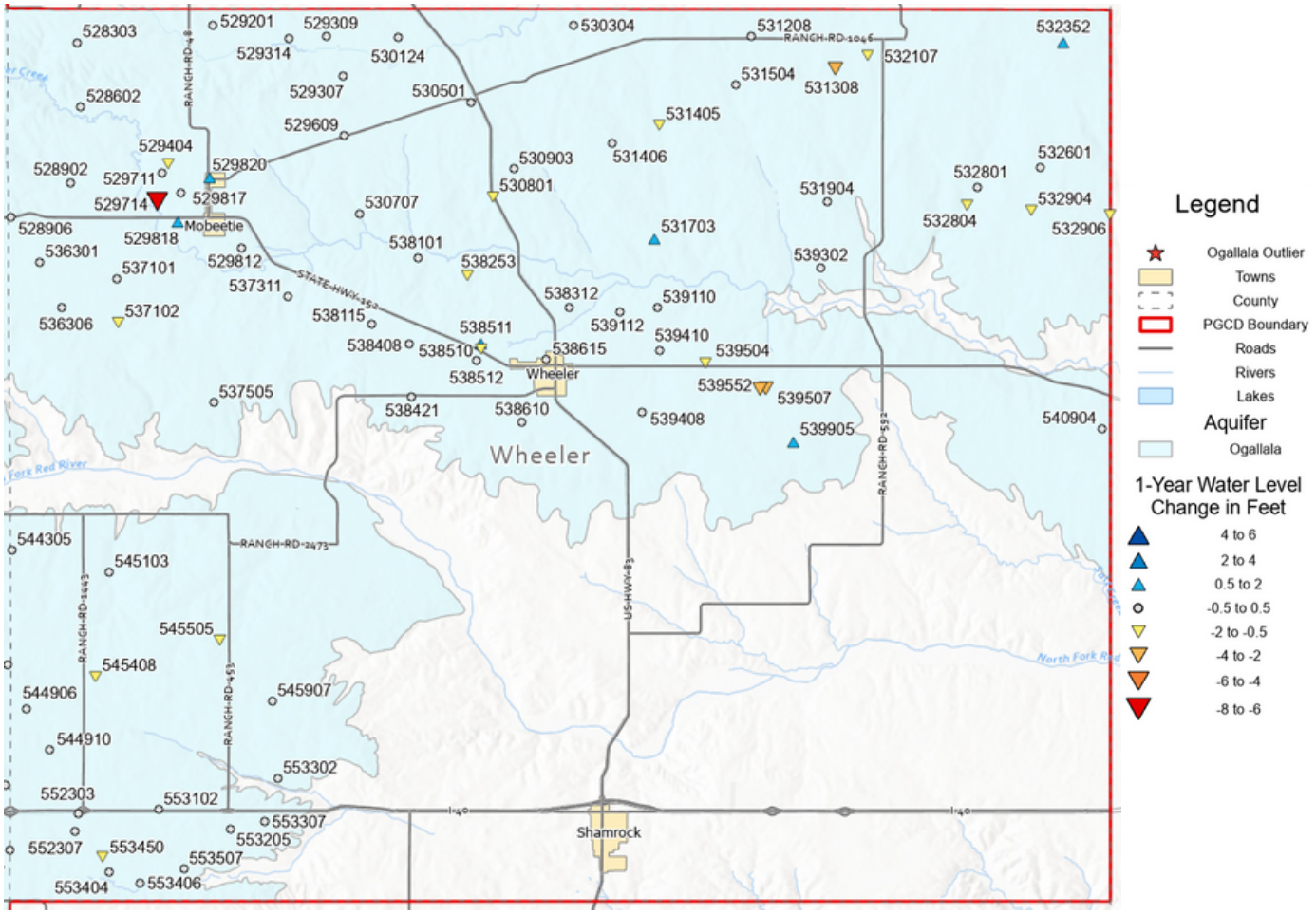
Roberts County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
459650	2000	-275.8	-271.2	-269.3	6.5	1.9
459701	1980	-48.4	-55.9	-55.4	-7.0	0.5
459902	1999	-46.6	-48.4	-48.7	-2.1	-0.3
459903	1999	-39.7	-41.4	-42.3	-2.6	-0.9
501101	1977	-65.0	-60.5	-60.6	4.4	-0.1
501401	1980	-49.2	-55.9	-56.1	-6.9	-0.2
501601	2008	-88.0	-84.8	-84.7	3.3	0.1
501801	1969	-240.0	-237.9	-245.3	-5.3	-7.4
501902	1998	-188.6	-210.7	-210.5	-21.9	0.2
501950	2003	-127.8	-132.7	-133.6	-5.8	-0.9
502202	1980	-67.2	-71.4	-71.5	-4.3	-0.1
502204	2007	-18.4	-13.3	-13.8	4.6	-0.5
502502	1975	-112.0	-108.3	-108.2	3.8	0.1
502550	2000	-101.1	-102.7	-102.8	-1.7	-0.1
502702	1980	-57.5	-61.1	-60.9	-3.4	0.2
502801	1974	-11.0	-8.1	-8.6	2.4	-0.5
502910	2012	-166.9	-168.8	-168.7	-1.8	0.1
503401	1970	-95.0	-100.8	-100.8	-5.8	0.0
503502	1999	-29.5	-32.8	-32.8	-3.3	0.0
503601	1980	-85.0	-86.9	-87.2	-2.2	-0.3
503701	1975	-85.4	-87.7	-87.6	-2.2	0.1
503709	2005	-276.7	-279.2	-279.8	-3.1	-0.6
503931	2011	-50.3	-51.7	-52.6	-2.3	-0.9
504401	1976	-99.1	-100.9	-100.8	-1.7	0.1
504402	1996	-167.0	-169.2	-169.1	-2.1	0.1
504502	1977	-116.7	-116.4	-116.8	-0.1	-0.4
504801	1980	-221.9	-161.9	-162.7	59.2	-0.8
509103	2015	-51.0	-57.8	-58.7	-7.7	-0.9
509202	1975	-236.2	-270.6	-273.1	-36.9	-2.5
509502	2000	-278.9	-324.9	-326.6	-47.7	-1.7
509552	2002	-80.4	-135.9	-138.9	-58.5	-3.0
★ **509553**	2002	-250.4	-258.5	-287.4	-37.0	-28.9
509603	1980	-181.3	-221.9	-221.6	-40.3	0.3
509604	2003	-180.4	-207.1	-206.8	-26.4	0.3
509605	2004	-233.1	-262.2	-262.8	-29.7	-0.6
★ **509750**	1999	-283.5	-485.9	-492.0	-208.5	-6.1
509805	1999	-302.2	-332.3	-333.2	-31.0	-0.9
510401	1976	-166.1	-172.9	-172.9	-6.8	0.0
510402	2004	-251.8	-292.4	-296.6	-44.8	-4.2
510502	1977	-240.2	-263.3	-263.2	-23.0	0.1
510701	2004	-279.6	-369.6	-371.0	-91.4	-1.4

Roberts County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
510806	2010	-416.4	-434.4	-448.2	-31.8	-13.8
510817	2011	-187.1	-205.3	-205.5	-18.4	-0.2
510952	2001	-345.4	-418.1	-415.3	-69.9	2.8
511101	1977	-281.6	-295.5	-295.1	-13.5	0.4
511201	1977	-292.2	-296.1	-296.7	-4.5	-0.6
511401	1976	-344.1	-329.0	-329.3	14.8	-0.3
511501	1980	-310.9	-323.4	-323.6	-12.7	-0.2
511702	1977	-358.4	-458.8	-458.6	-100.2	0.2
511901	1980	-274.8	-284.1	-284.7	-9.9	-0.6
517207	2012	-195.9	-209.6	-209.2	-13.3	0.4
517307	2010	-122.8	-143.5	-146.1	-23.3	-2.6
517350	2002	-341.0	-358.7	-361.3	-20.3	-2.6
517452	2002	-355.5	-366.8	-365.1	-9.6	1.7
517804	1980	-396.6	-406.9	-406.9	-10.3	0.0
517812	2017	-402.1	-404.6	-404.5	-2.4	0.1
517852	2001	-405.7	-411.2	-411.8	-6.1	-0.6
517901	1996	-390.3	-398.6	-399.2	-8.9	-0.6
518206	2009	-393.1	-454.3	-457.1	-64.0	-2.8
★ **518250**	2002	-333.6	-471.7	-490.6	-157.0	-18.9
518702	1975	-387.3	-396.6	-397.2	-9.9	-0.6
518704	1996	-381.2	-389.7	-389.6	-8.4	0.1
518807	2010	-372.6	-381.1	-383.7	-11.1	-2.6
519103	2012	-424.6	-421.7	-420.8	3.8	0.9
519202	1975	-372.7	-387.7	-387.8	-15.1	-0.1
519411	2014	-364.0	-366.7	-368.3	-4.3	-1.6
519507	2017	-295.5	-296.0	-295.2	0.3	0.8
519702	1972	-294.0	-265.7	-267.3	26.7	-1.6
520104	1976	-150.0	-151.8	-151.1	-1.1	0.7
520113	2009	-65.5	-73.9	-75.7	-10.2	-1.8
520402	1970	-302.0	-297.7	-298.4	3.6	-0.7
520750	2000	-291.1	-293.6	-294.1	-3.0	-0.5
608201	1980	-159.6	-181.3	-183.4	-23.8	-2.1
608304	2009	-79.8	-87.0	-87.3	-7.5	-0.3
608501	1980	-56.2	-68.1	-67.8	-11.6	0.3
616201	2003	-144.5	-149.2	-149.3	-4.8	-0.1
616301	1975	-198.0	-190.1	-190.4	7.6	-0.3
616352	2003	-180.8	-190.6	-190.7	-9.9	-0.1
616601	1999	-215.9	-285.4	-285.9	-70.0	-0.5
616801	1977	-212.6	-231.4	-230.8	-18.2	0.6
616904	1998	-224.3	-331.9	-332.2	-107.9	-0.3
624203	1999	-240.4	-255.1	-255.2	-14.8	-0.1
624304	1999	-279.3	-314.3	-316.3	-37.0	-2.0
★ **624353**	1999	-295.1	-366.1	-378.6	-83.5	-12.5
624601	1996	-200.4	-214.3	-214.7	-14.3	-0.4
624602	2001	-327.1	-328.7	-328.6	-1.5	0.1
624801	1977	-77.5	-112.8	-112.9	-35.4	-0.1
624901	1976	-350.5	-360.3	-362.2	-11.7	-1.9

OPERATING PERMIT REMINDER

PGCD wants to remind constituents to please come in and get an operating permit when bringing old wells back into production. Any well capable of producing more than 17.5 gallons per minute requires an operating permit, and any well that produces more than 35 gallons per minute requires an approved metering method. For more information on PGCD's permitting requirements, please contact Julie Bennett by calling 806-883-2501 or by email at jb@pgcd.us

WHEELER COUNTY OGALLALA AQUIFER 1-YEAR CHANGE



Wheeler County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
528303	2000	-297.4	-299.8	-299.6	-2.2	0.2
528602	1979	-111.0	-117.7	-118.1	-7.1	-0.4
528902	1978	-24.7	-40.3	-40.3	-15.6	0.0
528906	2003	-167.0	-178.7	-178.2	-11.2	0.5
529201	1956	-140.2	-141.1	-141.2	-1.0	-0.1
529307	1975	-135.0	-118.2	-118.4	16.6	-0.2
529309	2018	-93.1	-92.2	-92.5	0.6	-0.3
529314	2018	-66.2	-66.8	-66.8	-0.6	0.0
529404	2003	-60.7	-67.4	-68.1	-7.4	-0.7
529505	2013	-151.6	-149.1	-	-	-
529609	1999	-57.9	-59.2	-59.3	-1.4	-0.1
529711	1967	-60.0	-72.3	-72.2	-12.2	0.1
529714	1999	-2.9	-15.1	-21.3	-18.4	-6.2
529812	1967	-24.0	-25.2	-25.3	-1.3	-0.1
529817	1979	-73.3	-72.3	-72.3	1.0	0.0
529818	1979	-51.2	-59.1	-58.3	-7.1	0.8
529820	1987	-64.0	-76.7	-75.3	-11.3	1.4
530124	2006	-26.3	-27.9	-27.8	-1.5	0.1
530304	1975	-110.0	-86.2	-86.5	23.5	-0.3
530501	1953	-97.6	-109.8	-109.9	-12.3	-0.1
530707	1980	-13.8	-13.9	-14.2	-0.4	-0.3

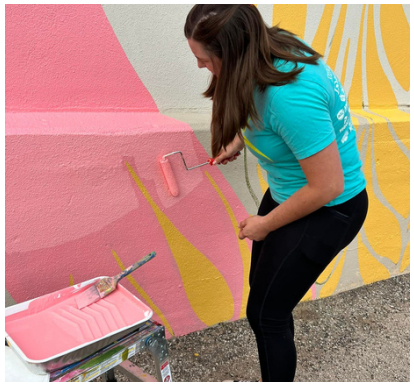
Wheeler County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
530801	1960	-60.9	-68.3	-69.1	-8.2	-0.8
530903	1978	-80.9	-81.1	-81.3	-0.4	-0.2
531208	2012	-155.9	-155.3	-155.7	0.2	-0.4
531308	2019	-55.0	-54.2	-56.9	-1.9	-2.7
531405	2000	-11.7	-15.3	-16.2	-4.5	-0.9
531406	1976	-95.0	-82.8	-83.1	11.9	-0.3
531504	1980	-38.6	-35.2	-35.1	3.5	0.1
531703	1971	-104.0	-91.3	-90.4	13.6	0.9
531904	2007	-78.8	-77.9	-78.1	0.7	-0.2
532107	1972	-65.0	-54.1	-54.9	10.1	-0.8
532352	2003	-98.4	-94.8	-93.8	4.6	1.0
532601	1980	-97.8	-70.7	-70.8	27.0	-0.1
532801	1980	-20.8	-1.1	-1.5	19.3	-0.4
532804	1999	-18.0	-17.1	-17.8	0.2	-0.7
532904	2001	-62.4	-64.7	-65.3	-2.9	-0.6
532906	2005	-18.0	-17.2	-17.7	0.3	-0.5
536301	2001	-121.0	-148.2	-147.9	-26.9	0.3
536306	2012	-61.5	-67.8	-68.2	-6.7	-0.4
537101	2000	-81.8	-90.2	-90.6	-8.8	-0.4
537102	2001	-52.7	-60.7	-61.3	-8.6	-0.6
537311	1980	-24.2	-27.1	-27.1	-2.9	0.0

WHEELER COUNTY CONTINUED

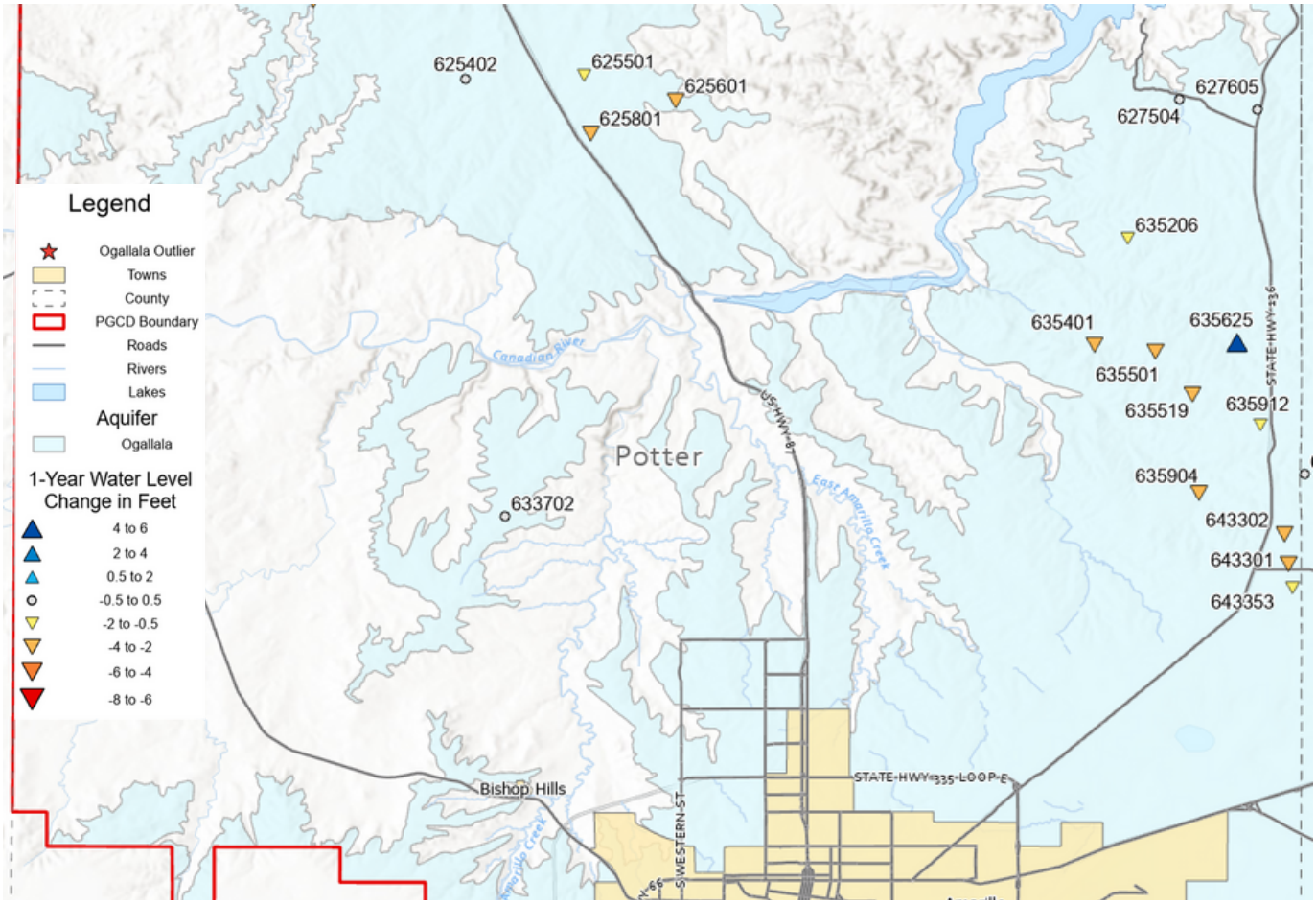
Wheeler County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
537505	1975	-71.0	-64.1	-64.1	6.9	0.0
538101	1956	-1.9	-7.5	-7.7	-5.8	-0.2
538115	2020	-138.8	-139.2	-139.1	-0.3	0.1
538253	2002	-92.5	-100.2	-100.8	-8.3	-0.6
538312	2014	-60.6	-59.3	-59.5	1.1	-0.2
538408	1979	-88.8	-107.4	-107.5	-18.7	-0.1
538421	2018	-102.5	-102.9	-102.9	-0.4	0.0
538510	1979	-26.4	-43.1	-42.9	-16.5	0.2
538511	1977	-28.0	-48.6	-46.6	-18.6	2.0
538512	1977	-29.0	-53.6	-54.3	-25.3	-0.7
538610	1978	-69.3	-71.5	-71.5	-2.2	0.0
538615	2006	-39.0	-36.4	-36.3	2.7	0.1
539110	2007	-75.5	-76.5	-76.7	-1.2	-0.2
539112	2011	-38.3	-40.8	-40.9	-2.6	-0.1
539302	1999	-36.3	-49.3	-49.4	-13.1	-0.1
539408	1978	-5.4	-6.7	-6.6	-1.2	0.1
539410	2011	-28.9	-30.2	-30.3	-1.4	-0.1
539504	1986	-62.0	-46.6	-47.1	14.9	-0.5
539507	2008	-26.2	-32.4	-34.8	-8.6	-2.4

Wheeler County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
539552	2000	-23.6	-30.7	-33.2	-9.6	-2.5
539905	1977	-35.0	-42.2	-41.3	-6.3	0.9
540904	2017	-90.4	-92.8	-92.6	-2.2	0.2
544305	1980	-87.4	-89.2	-89.3	-1.9	-0.1
544906	1974	-100.0	-110.9	-111.2	-11.2	-0.3
544910	2010	-91.5	-95.8	-95.8	-4.3	0.0
545103	1979	-8.9	-6.8	-6.9	2.0	-0.1
545408	1980	-111.0	-109.8	-110.3	0.7	-0.5
545505	1979	-109.5	-106.9	-107.6	1.9	-0.7
545907	1980	-53.0	-49.8	-50.1	2.9	-0.3
552303	1980	-44.5	-48.2	-48.2	-3.7	0.0
552307	1980	-79.8	-78.4	-78.3	1.5	0.1
553102	1979	-65.3	-75.2	-75.1	-9.8	0.1
553205	2010	-29.5	-31.8	-32.2	-2.7	-0.4
553302	1999	-16.6	-28.7	-28.9	-12.3	-0.2
553307	2011	-38.7	-41.3	-41.7	-3.0	-0.4
553404	1999	-36.4	-10.2	-10.1	26.3	0.1
553406	2010	-7.8	-10.7	-11.0	-3.2	-0.3
553450	2001	-38.8	-43.4	-43.9	-5.1	-0.5
553507	2010	-37.9	-40.8	-40.9	-3.0	-0.1

PGCD SUMMER ACTIVITIES



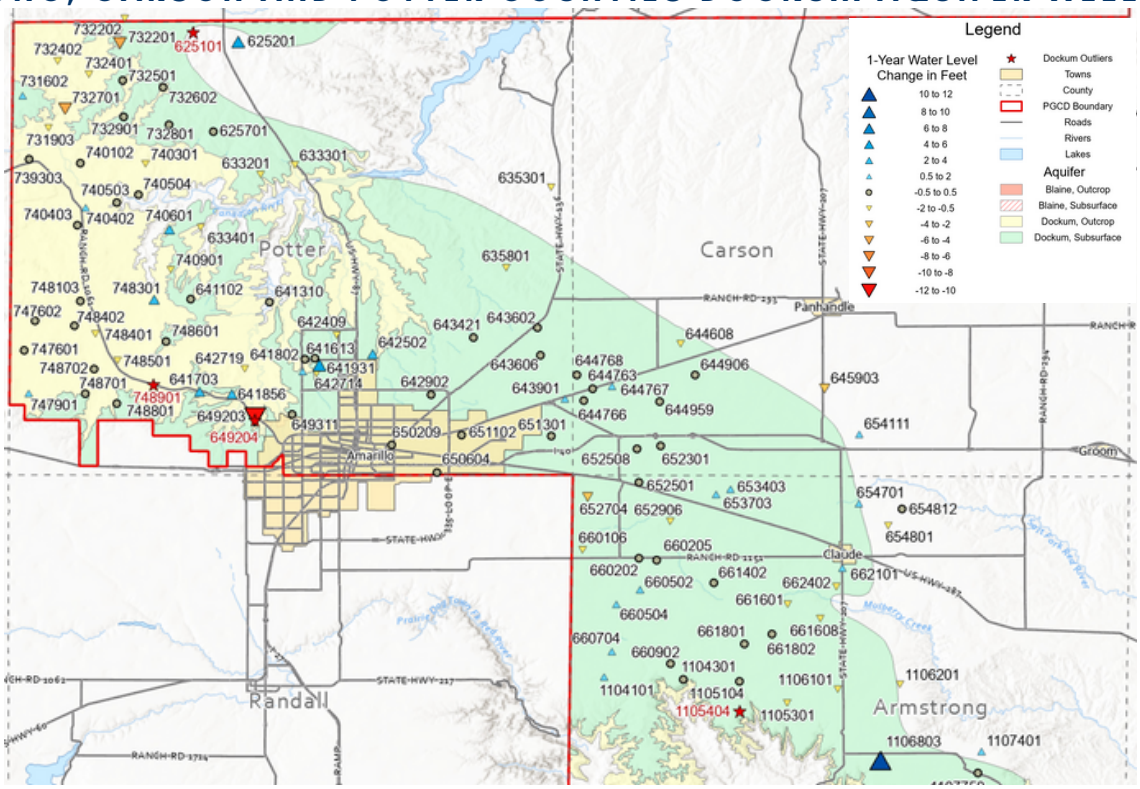
POTTER COUNTY OGALLALA AQUIFER 1-YEAR CHANGE



Potter County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
★ 625302	2002	-90.0	-91.8	-	-	-
625402	2001	-95.9	-96.8	-97.2	-1.3	-0.4
625501	1980	-63.9	-84.4	-85.4	-21.5	-1.0
625601	2002	-236.5	-257.2	-261.0	-24.5	-3.8
625801	1980	-97.9	-83.4	-86.7	11.2	-3.3
627504	1980	-61.9	-31.5	-31.2	30.7	0.3
627605	2001	-121.7	-114.6	-114.9	6.8	-0.3
633702	2001	-109.2	-100.7	-100.9	8.3	-0.2
635206	2011	-224.2	-232.3	-232.9	-8.7	-0.6
635401	2001	-281.6	-296.7	-298.7	-17.1	-2.0

Potter County - Ogallala Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
635501	1993	-307.6	-337.4	-341.3	-33.7	-3.9
635519	2011	-276.3	-291.6	-294.0	-17.7	-2.4
635625	2011	-235.6	-270.4	-266.1	-30.5	4.3
635904	1977	-219.5	-269.5	-271.5	-52.0	-2.0
635912	2006	-360.0	-360.9	-362.7	-2.7	-1.8
643301	1965	-414.1	-508.1	-510.4	-96.3	-2.3
643302	1966	-415.1	-500.7	-503.0	-87.9	-2.3
643353	2015	-438.5	-444.6	-445.6	-7.1	-1.0
651601	2001	-196.8	-191.1	-191.0	5.8	0.1
732302	2002	-52.2	-146.6	-149.2	-97.0	-2.6

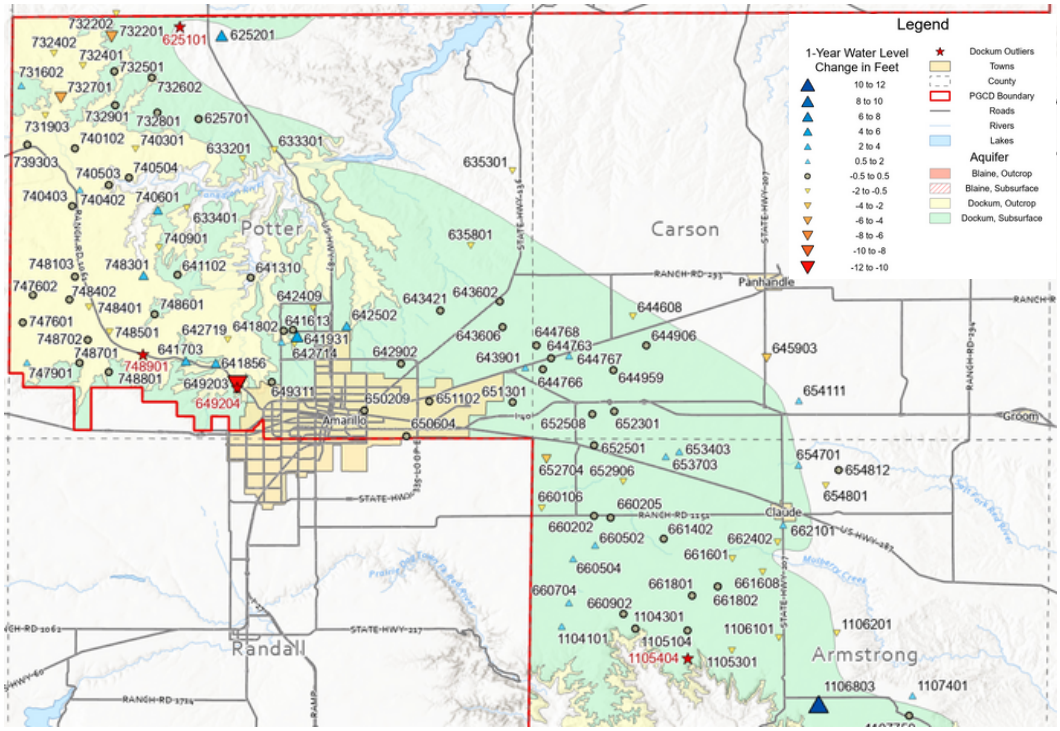
ARMSTRONG, CARSON AND POTTER COUNTIES DOCKUM AQUIFER WELL LOCATIONS



Armstrong, Carson, & Potter Counties - Dockum Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
★ 625101	2002	-284.8	-293.7	-263.0	21.8	30.7
625201	2002	-211.0	-189.8	-185.7	25.3	4.1
625701	2002	-153.2	-155.5	-155.6	-2.4	-0.1
633201	2002	-84.5	-85.1	-85.7	-1.2	-0.6
633301	2001	-61.2	-65.1	-66.6	-5.4	-1.5
633401	2001	-63.4	-66.0	-66.9	-3.5	-0.9
635301	1993	-293.8	-326.3	-326.9	-33.1	-0.6
635801	1981	-94.7	-130.8	-131.5	-36.8	-0.7
641102	2001	-102.7	-97.5	-97.6	5.1	-0.1
641310	2001	-37.2	-34.6	-34.8	2.4	-0.2
641613	1980	-92.4	-104.9	-105.1	-12.7	-0.2
641703	2001	-305.2	-297.6	-294.9	10.3	2.7
641802	2001	-85.6	-91.2	-92.6	-7.0	-1.4
641856	2014	-142.9	-132.8	-129.5	13.4	3.3
641931	2003	-57.1	-67.3	-66.7	-9.6	0.6
642409	2003	-64.2	-74.2	-74.7	-10.5	-0.5
642502	2001	-83.6	-84.4	-81.9	1.7	2.5
642714	2003	-77.5	-85.4	-85.9	-8.4	-0.5
642719	2003	-126.2	-139.5	-135.0	-8.8	4.5
642902	1986	-220.3	-221.6	-221.8	-1.5	-0.2
643421	2005	-179.6	-179.1	-179.1	0.5	0.0
643602	2001	-320.3	-316.6	-316.1	4.2	0.5
643606	2004	-278.8	-265.8	-265.3	13.5	0.5
643901	2001	-217.0	-202.3	-201.4	15.6	0.9
644608	1980	-369.9	-477.1	-478.4	-108.5	-1.3
644763	2000	-233.1	-232.2	-232.2	0.9	0.0

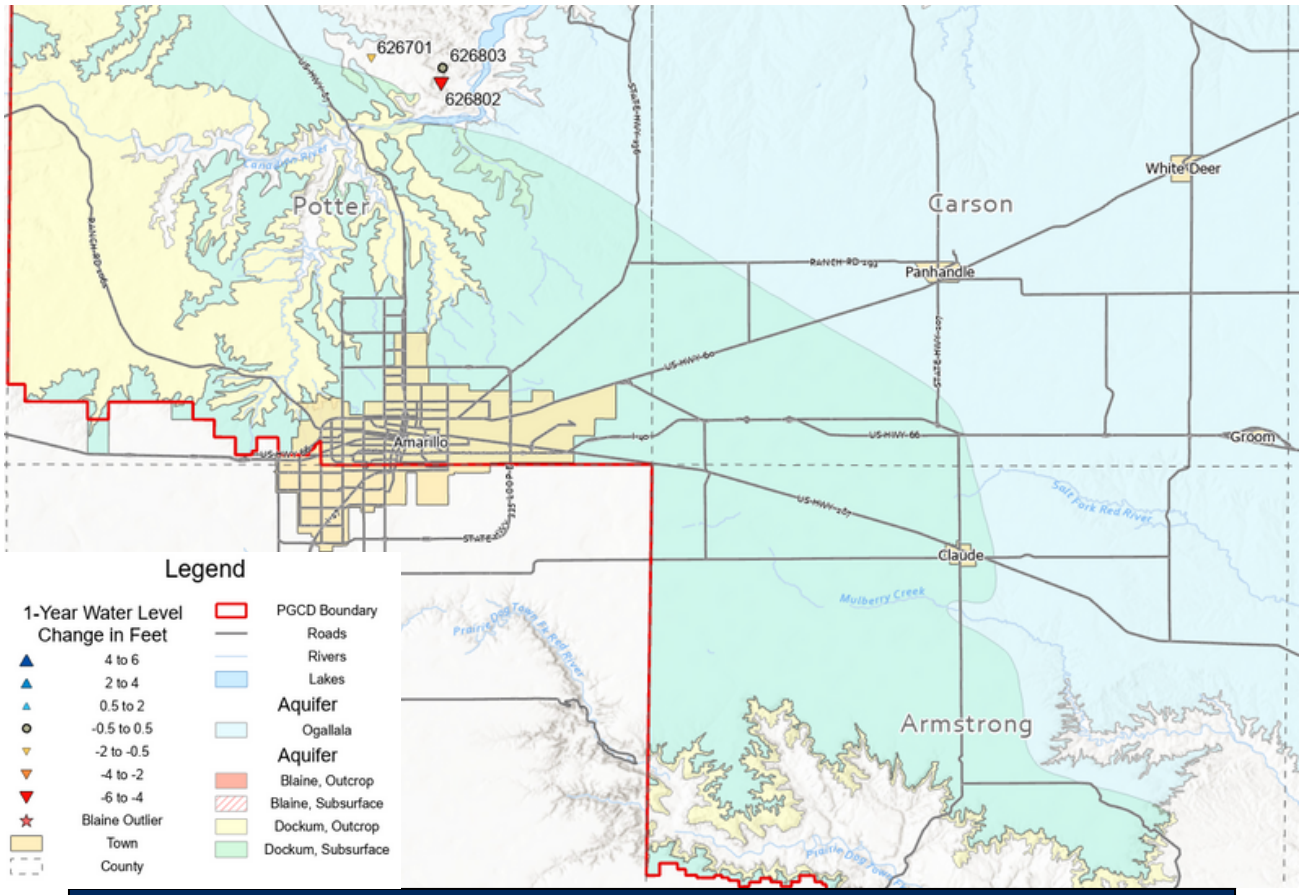
Armstrong, Carson, & Potter Counties - Dockum Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
644766	2000	-226.2	-224.3	-224.7	1.5	-0.4
644767	2001	-264.7	-257.8	-257.1	7.6	0.7
644768	2002	-272.9	-262.6	-262.5	10.4	0.1
644906	2001	-348.9	-350.6	-350.6	-1.7	0.0
644959	2000	-221.5	-218.7	-219.1	2.4	-0.4
645903	1999	-367.2	-415.8	-418.7	-51.5	-2.9
649203	2004	-112.0	-99.6	-109.9	2.1	-10.3
★ 649204	2004	-130.5	-115.2	-129.6	0.9	-14.4
649311	2001	-51.5	-52.3	-52.0	-0.5	0.3
650209	2001	-235.6	-192.0	-191.5	44.1	0.5
650604	2001	-208.5	-194.5	-194.3	14.2	0.2
651102	2001	-177.9	-167.3	-167.0	10.9	0.3
651301	2001	-225.0	-206.5	-206.4	18.6	0.1
652301	1956	-192.7	-199.7	-199.4	-6.7	0.3
652501	1958	-188.4	-201.4	-201.4	-13.0	0.0
652508	1982	-200.7	-202.3	-201.8	-1.1	0.5
652704	2006	-170.9	-176.6	-178.9	-8.0	-2.3
652906	1976	-106.8	-126.7	-127.4	-20.6	-0.7
653403	1975	-187.2	-181.2	-179.7	7.5	1.5
653703	1966	-191.0	-179.9	-178.7	12.3	1.2
654111	2012	-344.0	-343.1	-342.0	2.0	1.1
654701	1975	-260.3	-251.9	-251.3	9.0	0.6
654801	1958	-296.8	-291.3	-291.9	4.9	-0.6
654812	2015	-255.9	-254.6	-254.8	1.1	-0.2
660106	1993	-214.4	-208.4	-209.3	5.1	-0.9
660202	1992	-163.1	-162.3	-162.2	0.9	0.1

ARMSTRONG, CARSON AND POTTER COUNTIES DOCKUM AQUIFER WELL LOCATIONS CONTINUED



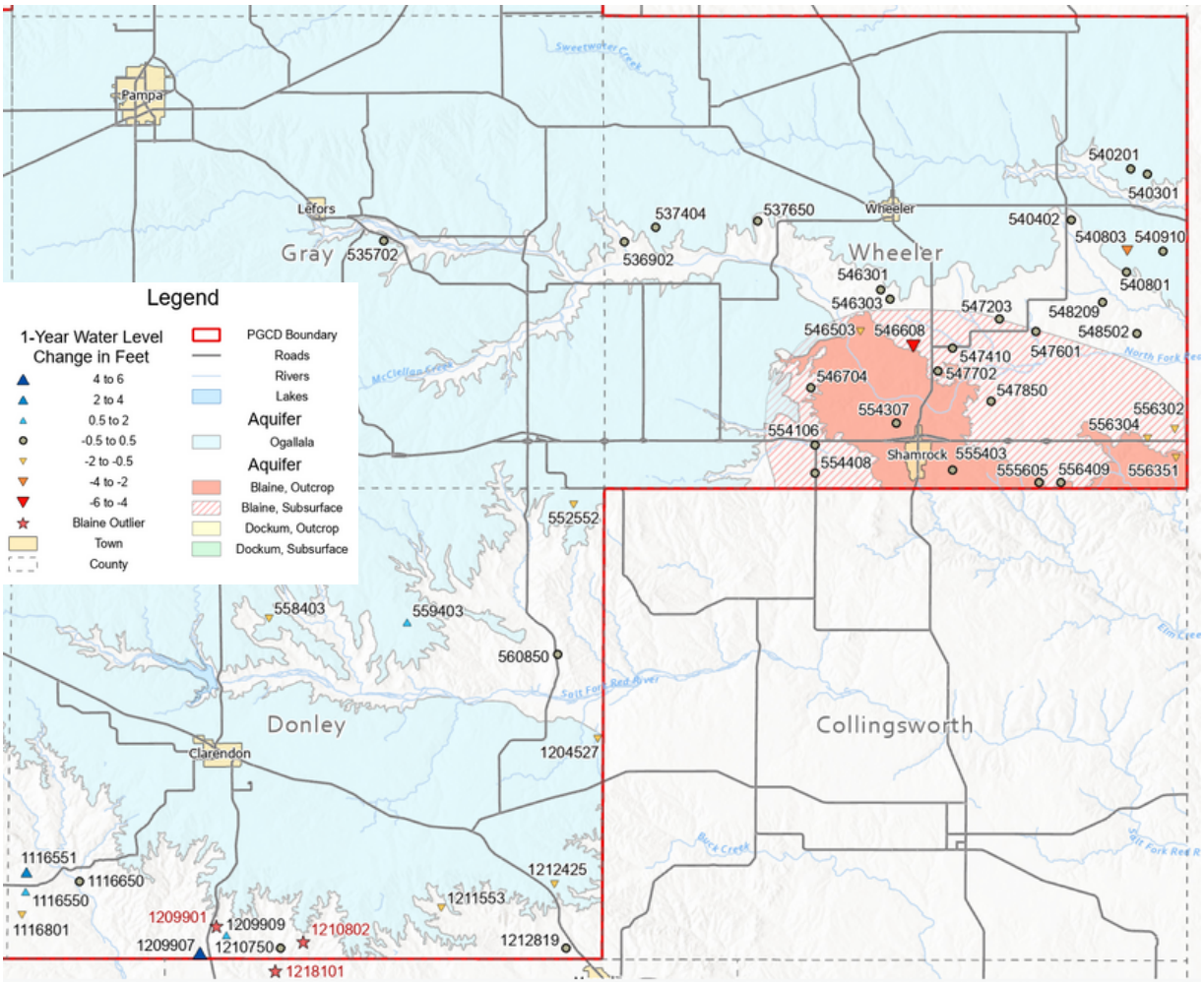
Armstrong, Carson, & Potter Counties - Dockum Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
660205	2005	-163.1	-163.4	-163.8	-0.7	-0.4
660502	1993	-154.5	-152.3	-151.7	2.8	0.6
660504	2017	-184.0	-187.8	-186.9	-2.9	0.9
660704	2015	-191.0	-191.2	-190.6	0.4	0.6
660902	1975	-212.3	-211.3	-211.3	1.0	0.0
661402	2011	-181.0	-186.3	-185.9	-4.9	0.4
661601	1975	-170.7	-171.7	-172.8	-2.1	-1.1
661608	1976	-165.8	-164.8	-165.4	0.4	-0.6
661801	1976	-165.7	-162.0	-161.9	3.8	0.1
661802	1980	-162.5	-156.8	-156.7	5.8	0.1
662101	1955	-170.9	-204.2	-203.1	-32.2	1.1
662402	1999	-146.1	-151.9	-152.5	-6.4	-0.6
731602	2002	-191.7	-147.5	-146.8	44.9	0.7
731903	2002	-20.8	-24.5	-25.5	-4.7	-1.0
732401	2002	-28.4	-31.3	-32.2	-3.8	-0.9
732402	2002	-17.5	-16.1	-17.0	0.5	-0.9
732501	2001	-60.2	-61.0	-61.1	-0.9	-0.1
732602	2002	-41.6	-39.8	-39.4	2.2	0.4
732701	2002	-28.0	-32.0	-38.4	-10.4	-6.4
732801	2002	-132.5	-134.7	-134.6	-2.1	0.1
732901	2002	-171.1	-172.3	-172.6	-1.5	-0.3
739303	2015	-98.5	-99.2	-99.6	-1.1	-0.4
740102	2002	-25.6	-27.8	-28.2	-2.6	-0.4
740301	2002	-164.8	-166.8	-167.3	-2.5	-0.5
740402	2001	-84.1	-86.4	-84.9	-0.8	1.5
740403	2002	-59.7	-59.5	-59.4	0.3	0.1

Armstrong, Carson, & Potter Counties - Dockum Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 yr Difference
740503	2001	-30.4	-31.5	-31.5	-1.1	0.0
740504	2002	-26.0	-27.3	-27.3	-1.3	0.0
740601	2002	-70.6	-76.8	-73.9	-3.3	2.9
740901	2002	-132.0	-135.2	-137.0	-5.0	-1.8
747601	2002	-40.1	-39.4	-39.2	0.9	0.2
747602	2002	-96.2	-77.5	-77.8	18.4	-0.3
747901	2002	-115.1	-116.6	-115.7	-0.6	0.9
748103	2002	-42.4	-41.0	-40.9	1.5	0.1
748301	2002	-78.0	-76.4	-73.4	4.6	3.0
748401	2002	-42.2	-53.9	-54.4	-12.2	-0.5
748402	2002	-25.0	-24.1	-24.3	0.7	-0.2
748501	2001	-44.0	-41.9	-43.6	0.4	-1.7
748601	2002	-142.5	-142.0	-142.2	0.3	-0.2
748701	2002	-82.8	-83.2	-83.2	-0.4	0.0
748702	2002	-42.2	-50.0	-50.4	-8.2	-0.4
748801	2001	-40.2	-44.1	-44.3	-4.1	-0.2
★ **748901**	2001	-96.0	-76.7	-92.1	3.9	-15.4
1104101	1975	-197.8	-203.6	-203.0	-5.2	0.6
1104301	1980	-319.9	-301.1	-301.5	18.4	-0.4
★ **1105101**	1975	-190.0	-183.2	-	-	-
1105104	2004	-174.6	-174.1	-174.1	0.5	0.0
1105301	1980	-162.9	-157.9	-158.4	4.5	-0.5
1106101	1975	-179.6	-172.8	-174.5	5.1	-1.7
1106201	1976	-162.7	-159.7	-160.3	2.4	-0.6
1106803	2017	-233.8	-259.8	-247.2	-13.4	12.6
1107401	1976	-122.8	-122.1	-120.6	2.2	1.5
1107750	2005	-120.0	-124.3	-124.7	-4.7	-0.4



Armstrong, Carson, Donley, Gray, Potter & Wheeler Counties - Blaine Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
560850	2000	-117.3	-104.2	-104.6	12.7	-0.4
626101	2002	-30.4	-31.2	-31.9	-1.5	-0.7
626201	2002	-107.0	-133.0	-137.0	-30.0	-4.0
626701	2002	-36.9	-40.3	-41.5	-4.6	-1.2
626802	2002	-44.2	-44.4	-49.5	-5.3	-5.1
626803	2002	-32.7	-41.2	-41.0	-8.3	0.2
1116401	2001	-72.1	-65.1	-68.2	3.9	-3.1
1116550	2001	-121.4	-121.2	-120.3	1.1	0.9
1116551	2001	-131.9	-130.4	-128.0	3.9	2.4
1116650	2001	-5.5	-13.2	-13.5	-8.0	-0.3
1116801	2001	-46.5	-49.4	-50.2	-3.7	-0.8
1204527	2019	-30.2	-31.1	-32.1	-1.9	-1.0
★ **1209901**	1993	-46.0	-60.7	-52.3	-6.3	8.4
1209907	2008	-32.3	-32.2	-27.8	4.5	4.4
1209909	2001	-50.5	-156.5	-155.0	-104.5	1.5
1210750	2003	-70.4	-51.5	-51.1	19.3	0.4
★ **1210802**	2001	-93.4	-123.0	-114.8	-21.4	8.2
1211553	2001	-22.3	-23.2	-25.1	-2.8	-1.9
1212425	2009	-31.0	-38.0	-39.1	-8.1	-1.1
1212819	2011	-27.6	-34.8	-34.6	-7.0	0.2
★ **1218101**	2012	-30.0	-30.6	-22.7	7.3	7.9

ARMSTRONG, CARSON, DONLEY, GRAY, POTTER & WHEELER COUNTIES - BLAINE AQUIFER CONTINUED



Armstrong, Carson, Donley, Gray, Potter & Wheeler Counties - Blaine Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
535702	1974	-21.0	-22.9	-22.8	-1.8	0.1
536902	2001	-28.6	-10.7	-10.9	17.7	-0.2
537404	2019	-58.2	-58.8	-58.9	-0.7	-0.1
537650	1999	-7.0	-13.1	-13.3	-6.3	-0.2
540201	1999	-7.3	-8.6	-8.2	-0.9	0.4
540301	1999	-34.7	-37.4	-37.8	-3.1	-0.4
540402	2001	-33.0	-36.4	-36.8	-3.8	-0.4
540801	2000	-20.2	-19.2	-18.7	1.5	0.5
540803	2000	-10.4	-4.3	-6.6	3.8	-2.3
540910	1999	-17.2	-48.1	-48.4	-31.2	-0.3
546301	1999	-7.5	-19.7	-19.5	-12.0	0.2
546303	1999	-8.9	-10.7	-10.4	-1.5	0.3
546503	2001	-34.2	-38.1	-38.9	-4.7	-0.8
546608	1999	-19.5	-42.9	-47.3	-27.8	-4.4
546704	1997	-98.1	-109.1	-108.7	-10.6	0.4
547203	1956	-25.1	-30.9	-30.6	-5.5	0.3
547410	1999	-21.1	-25.8	-25.3	-4.2	0.5

Armstrong, Carson, Donley, Gray, Potter & Wheeler Counties - Blaine Aquifer						
Well Number	First Reading Year	Depth to Water, in feet			Water Level Difference	Data Used to Make Maps
		Initial Year	2021	2022	Initial to Current	1 YR Difference
547601	2000	-47.3	-53.9	-54.2	-6.9	-0.3
547702	1999	-30.3	-36.9	-36.6	-6.3	0.3
547850	2001	-88.0	-102.8	-103.2	-15.2	-0.4
548209	2019	-34.8	-31.8	-32.2	2.6	-0.4
548502	1999	-31.1	-35.2	-34.7	-3.6	0.5
552552	2002	-95.6	-101.1	-101.6	-6.0	-0.5
554106	1966	-60.0	-60.4	-60.6	-0.6	-0.2
554307	2002	-40.8	-52.3	-52.7	-11.9	-0.4
554408	1999	-85.0	-88.7	-88.8	-3.8	-0.1
555403	1999	-74.0	-81.4	-81.1	-7.1	0.3
555605	1967	-76.7	-100.1	-100.3	-23.6	-0.2
556302	2000	-30.6	-9.7	-10.5	20.1	-0.8
556304	2010	-34.6	-35.3	-36.3	-1.7	-1.0
556351	2002	-54.1	-59.2	-60.2	-6.1	-1.0
556409	2000	-40.6	-55.8	-55.7	-15.1	0.1
558403	1999	-177.0	-130.4	-131.3	45.7	-0.9
559403	1977	-73.0	-78.8	-77.3	-4.3	1.5

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UPCOMING EVENTS

- PGCD Kids Kamp is on Thursday, August 4th from 9 a.m. to 12 p.m. Call Aspen Edgar at 806-883-2501 for more information
- Next Board Meeting is set for Thursday, August 18th

DISTRICT OFFICE

201. W. Third St, PO Box 637
White Deer, TX 79097
Phone: 806-883-2501
Fax: 806-883-2162
Website: www.pgcd.us

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PRECIPITATION ENHANCEMENT UPDATE

It has been a very dry year so far for the Panhandle. Since July of last year, Amarillo has only had one month with above average precipitation (March 2022) and only five months since January 2020. This is all due to La Niña which developed two years ago and has remained intact. As we head into the hottest part of the year, extreme heat will likely persist. As of July 13th, we have already had 10 days of 100+ degree temperatures. NOAA has a 66% likelihood that this pattern will continue into this winter, making it a rare three-year repeat. Therefore, we can expect this trend of below average precipitation and above average temperatures to continue for the foreseeable future. This will only exacerbate the drought that is currently in place across the region.