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AGENCY NAME: Texas Water Development Board

TITLE: Texas Water Development Board Support of Persistent Data Services for Wells and Springs in the National Ground-Water Monitoring Network

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Summary of Texas Water Development Board participation in the National Ground-Water Monitoring Network

The Texas Water Development Board (TWDB) has participated in the U.S. Geological Survey (USGS) National Ground-Water Monitoring Network (NGWMN, or Network) since its acceptance as a pilot project in 2009. The TWDB, directed and allowed by the Texas Water Code (Chapter 16) to collect groundwater data, is the only agency in Texas that maintains statewide water-level and water-quality monitoring programs that include suitable sites available for inclusion in the NGWMN. Between 2009 and 2022, the TWDB selected nearly 3,800 representative wells and springs for the NGWMN with water-level and water-quality data in the state's nine major aquifers (Figure 1) and has provided web services for data retrieval in the NGWMN portal. Seven of eight USGS principal aquifers underlying Texas (Table 1) generally correspond to the nine major Texas aquifers, although configurations of the aquifers differ slightly (Figure 2). The eighth USGS principal aquifer, the Blaine Aquifer, is classified by the TWDB as a minor aquifer.

Figure 1. TWDB major aquifers in Texas

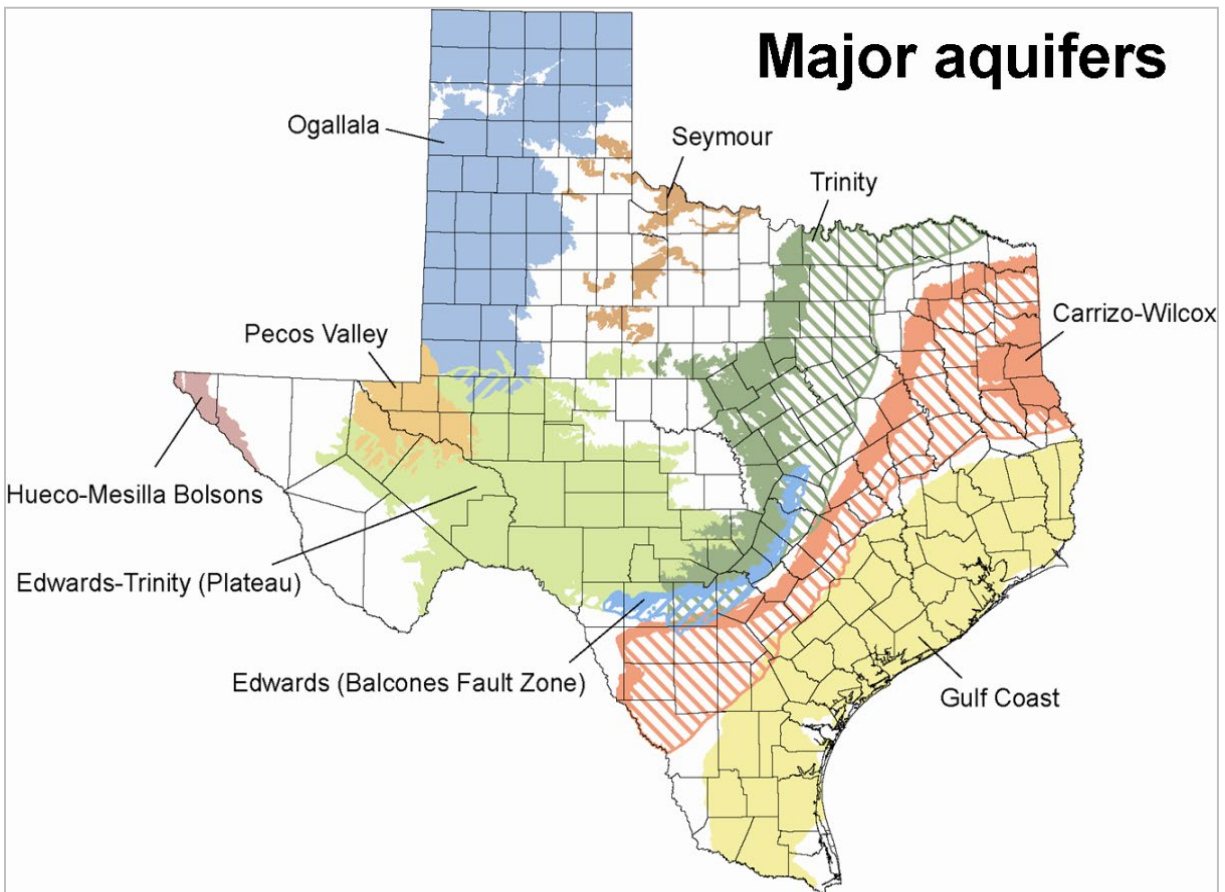
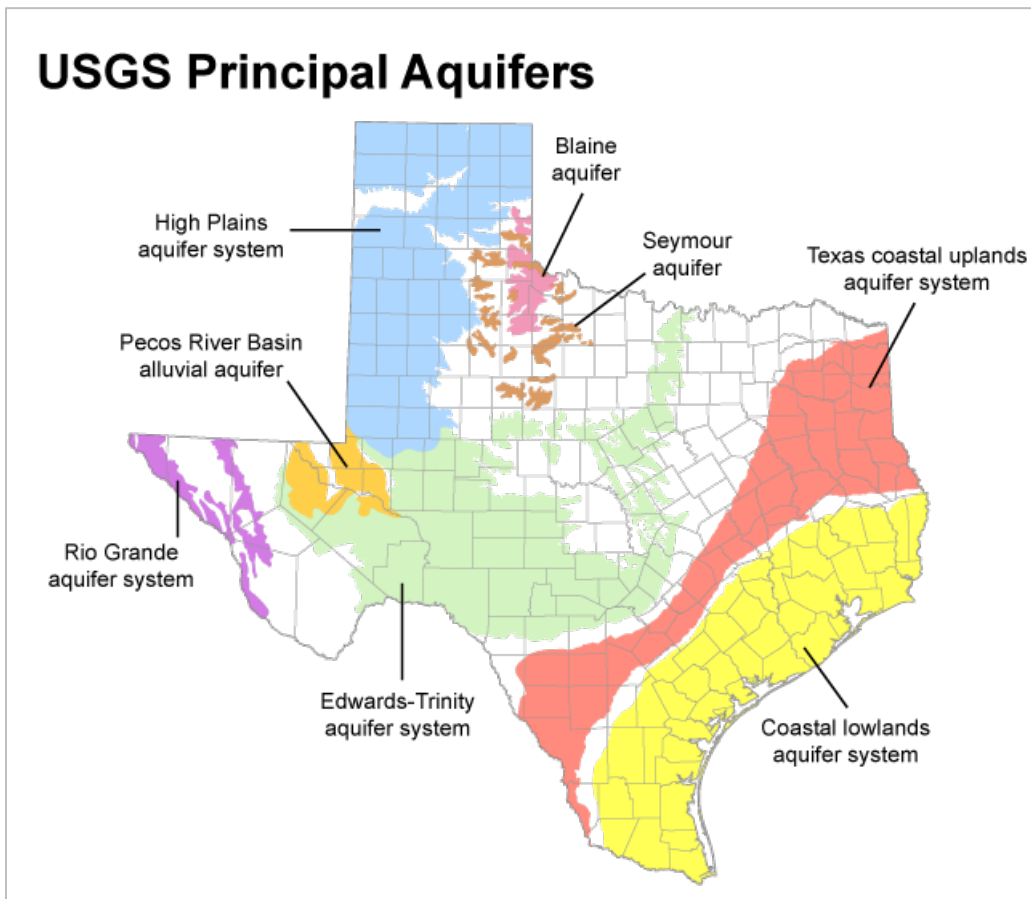


Table 1. Principal aquifers and corresponding major Texas aquifers

USGS principal aquifer	TWDB major aquifer
Coastal lowlands aquifer system	Gulf Coast Aquifer
Texas coastal uplands aquifer system	Carrizo-Wilcox Aquifer
Edwards-Trinity aquifer system	Trinity Aquifer
Edwards-Trinity aquifer system	Edwards (Balcones Fault Zone [BFZ]) Aquifer
Edwards-Trinity aquifer system	Edwards-Trinity (Plateau) Aquifer
Seymour aquifer	Seymour Aquifer
Pecos River Basin alluvial aquifer	Pecos Valley Aquifer
Rio Grande aquifer system	Hueco-Mesilla Bolsons Aquifer
High Plains aquifer system	Ogallala Aquifer

Figure 2. USGS principal aquifers in Texas (data from USGS, 2000)



2020 to 2022 TWDB National Ground-Water Monitoring Network activities

The TWDB, as an existing provider, received an award from September 1, 2020 through August 31, 2022 under USGS Cooperative Agreement Number G20AC00176 to support persistent data services for the more than 800 wells in the water-level subnetwork and the approximate 600 sites in the water-quality subnetwork, in addition to approximately 2,500 new wells that were added in the High Plains, Blaine, and Rio Grande aquifer systems as part of USGS Cooperative Agreement Number G19AC00189. These newly added sites will be discussed separately in this report but will be integrated with the other Network sites going forward.

The work plan for USGS Cooperative Agreement Number G20AC00176 contained four main tasks the TWDB would perform to provide basic persistent data services to the NGWMN:

- 1) Maintain and update the current list of sites in the NGWMN Monitoring Location Registry Management (Well Registry) by performing annual quality assurance/quality control (QA/QC) to flag large data discrepancies, temporary gaps in annual data collection, and permanent well deletions for both the water-level and water-quality networks.
- 2) Make appropriate code changes to monitoring wells in the TWDB Groundwater Database (GWDB) based on the above QA/QC checks and perform additional queries to determine which sites are still viable for inclusion in the NGWMN.
- 3) Choose suitable replacements for sites deleted from the NGWMN and add those sites to the Well Registry using the Populating the Well Registry tip sheet.
- 4) Continue to enter lithology information as it becomes available from existing paper/scanned image logs.

In addition to the above tasks, the TWDB:

1. Manually entered 662 sites in the High Plains aquifer identified in former USGS Cooperative Agreement Number G19AC00189, that were unable to be bulk uploaded due to the Well Registry bulk upload feature not allowing null values in the Depth field;
2. Removed colons from approximately 1,500 sites with site names containing colons, which were believed to be preventing them from being displayed on the USGS Portal; and
3. Completed the majority of a task from previous grant (USGS Cooperative Agreement Number G18AC00088) to modify water-quality characteristic names and parameter units to match the lists provided in Water-Quality Web Services Tip Sheet.

Site Selection and Well Classification

When adding new or replacement sites to the Network, the TWDB queries non-Network wells in the TWDB GWDB for current water-level and water-quality observation sites in each of the seven principal/nine major aquifers to identify wells with water-level and water-quality records of at least five years. Using the tip sheets and Appendix 5 in the Framework Document as guidance, sites not meeting field standards and minimum data requirements, except for well depth and lithology logs in some wells with long records, are eliminated.

Wells are further classified following descriptions in the Subnetwork tip sheet. Wells in the water-level Network that are only measured once or twice a year are classified as surveillance wells. Wells with daily measurements available to the NGWMN are classified as trend wells. All water-quality sites, due to their typical monitoring frequency of once every four years, are identified as surveillance wells.

Water-level and water-quality sites are mapped to determine confined or unconfined conditions to include as a minimum data element and to help determine best density, as suggested by the Well Selection tip sheets. The TWDB continues to work toward achieving at least the minimum recommended densities for Network sites. The agency similarly measures a certain number of wells in each major and minor aquifer present in each county, referred to as performance measure targets that are reported to the Texas Legislature. These targets are based on similar criteria as the recommended Network densities and, except for the Edwards Trinity and Texas coastal uplands aquifers, the numbers are closely aligned. Budgetary and staffing limitations do not currently allow the TWDB to measure sites beyond the legislative targets; however, approximately two-thirds of the water-level measurements received by the agency are obtained by cooperators who are often able to measure a larger number of wells from the aquifers in their area (Tables 2 and 3).

When reviewing data status, hydrographs are assessed to determine background, suspected, and documented changes in the water-level subnetwork wells. This process has not been completed for the approximately 2,500 wells added in the High Plains, Blaine, and Rio Grande aquifers as part of USGS Cooperative Agreement Number G19AC00189. Those sites were added as background so that they could be added to the Well Registry but will be updated as time allows to review those sites. Because the TWDB's ambient water-quality program has not included analysis of anthropogenic constituents that easily indicate documented changes through their presence or non-detection and because few studies have been conducted with data from these wells that offer conclusive evidence of changes in the natural water quality, all the surveillance water-quality sites were classified as background (Table 4).

Table 2. NGWMN water-level well density summary

Principal aquifer	Surveillance +trend	Total water level wells	TWDB legislative target	Recommended surveillance sites	Recommended trend sites	Median period of record in years
Blaine	44 + 0	44	42	13 to 25	4 to 12	55
Coastal lowlands	71 + 31	102	430	168 to 462	42 to 168	53
Edwards-Trinity	145 + 97	242	526	900 to 1,575	226 to 905	46
High Plains	2,569 + 23	2,592	786	420 to 735	106 to 424	43
Pecos River Basin	27 + 5	32	72	20 to 35	5 to 20	62
Rio Grande	39 + 4	43	30	16 to 28	4 to 18	60
Seymour	38 + 3	41	37	12 to 21	5 to 15	52
Texas coastal uplands	83 + 17	100	395	1,024 to 1,792	258 to 1,034	49

Table 3. NGWMN water-quality well density summary

Principal aquifer	Total water quality wells	TWDB legislative target	Recommended surveillance sites	Median number of samples
Blaine	3	7	4 to 7	3
Coastal lowlands	112	235	42 to 105	8
Edwards-Trinity	210	333	226 to 566	6
High Plains	119	483	106 to 265	6
Pecos River Basin	17	50	5 to 13	7
Rio Grande	9	10	4 to 11	10
Seymour	24	24	5 to 10	5
Texas coastal uplands	107	196	258 to 646	9

Table 4. NGWMN water-level well classification subnetwork summary

Principal aquifer	Total water level wells	Background	Suspected change	Documented change
Blaine	44	44	0	0
Coastal lowlands	102	28	12	62
Edwards-Trinity	242	89	34	119
High Plains	2,592	2,248	0	344
Pecos River Basin	32	4	2	26
Rio Grande	43	38	0	5
Seymour	41	6	2	33
Texas coastal uplands	100	22	29	49

Maintenance of existing Network wells

NGWM Water-Level Subnetwork

After completion of the 2021 and 2022 water-level seasons the TWDB reviewed the 796 water-level subnetwork sites that existed at the end of the last cooperative agreement (USGS Cooperative Agreement Number G19AC00189), and the 105 new subnetwork sites added since September 1, 2020, to determine the status of data collection at these sites. The Well Registry was edited to remove dropped wells and add replacement sites where feasible.

Between 2020 and 2022, the TWDB and cooperators collected tape-down or electric line measurements at 5,442 surveillance and trend wells, of which 792 are Network wells (Table 5 and Figures 3 thru 9). Of the total designated 901 Network wells, publishable measurements were unable to be obtained from 109 surveillance wells. Fifteen sites were removed from the network and unable to be replaced, but most of those were in aquifers where recommended densities were already being met. The remaining 94 wells were kept in the network. Forty-one of those sites are measured by the TWDB and for at least one of the years the sites were not measured due to COVID-19. The other 53 sites are measured by cooperators, are located in areas where there are few, if any, viable replacement sites available, have a long history of measurements, and, after reviewing their monitoring history, have a good chance of producing publishable measurements this year. An additional 67 sites were unable to be measured and were removed from the Network, but a replacement site was measured and was added to the water-level subnetwork in its place (Table 6).

Table 5. Number of water-level measurements by aquifer from September 1, 2020 to August 21, 2022

Principal aquifer	NGWMN sites measured	Total NGWMN sites
Edwards-Trinity aquifer system	197	241
Texas coastal uplands aquifer system	94	103
Coastal lowlands aquifer system	65	100
High Plains aquifer system	351	362
Pecos River Basin alluvial aquifer	25	31
Seymour aquifer	38	40
Rio Grande aquifer system	20	22
*Other	2	2
Total	792	901

**These are not in a principal aquifer. Aquifer classification changed after they were selected as a NGWMN well.*

Table 6. TWDB water-level subnetwork replacement wells added between September 1, 2020 and August 31, 2022

TWDB Water-level subnetwork replacement wells			
NGWMN site # removed	Replacement NGWMN site #	Principal aquifer	Well depth (ft)
0164901	0257801	High Plains aquifer system	405
0357810	0601117	High Plains aquifer system	625
0514703	0514805	High Plains aquifer system	300
0610601	0609401	High Plains aquifer system	650
0613501	0623703	High Plains aquifer system	180
0644304	0644321	High Plains aquifer system	755
0645210	0645701	High Plains aquifer system	440
0649503	0650506	High Plains aquifer system	320
0659104	0659504	High Plains aquifer system	349
0713902	0714502	High Plains aquifer system	600
0745702	0659504	High Plains aquifer system	349
0751101	0752301	High Plains aquifer system	370
1011402	1001302	High Plains aquifer system	N/A
1016201	0651405	High Plains aquifer system	313
1102501	1102901	High Plains aquifer system	137
1211118	1211128	High Plains aquifer system	193
1221301	1231804	Blaine aquifer system	100
1915701	1923502	Edwards-Trinity aquifer system	938
1932302	1923805	Edwards-Trinity aquifer system	927
1938301	1931302	Edwards-Trinity aquifer system	997

TWDB Water-level subnetwork replacement wells			
NGWMN site # removed	Replacement NGWMN site #	Principal aquifer	Well depth (ft)
2150436	2150402	Seymour aquifer system	43
2318703	2319707	High Plains aquifer system	243
2360801	2345714	High Plains aquifer system	110
2424903	2317205	High Plains aquifer system	167
2710711	2718410	High Plains aquifer system	N/A
2746101	2738101	High Plains aquifer system	130
2751701	2745901	High Plains aquifer system	N/A
2754501	2754101	High Plains aquifer system	N/A
2754502	2746601	High Plains aquifer system	N/A
2826302	2825803	High Plains aquifer system	226
3550801	3704601	Texas coastal uplands aquifer system	315
3824806	3823406	Texas coastal uplands aquifer system	254
4054701	4057601	Edwards-Trinity aquifer system	469
4124801	4018703	Edwards-Trinity aquifer system	620
4445702	4435316	Edwards-Trinity aquifer system	415
4508602	2764901	High Plains aquifer system	69
4609901	4601701	Pecos River Basin alluvial aquifer	150
4637101	4526203	Pecos River Basin alluvial aquifer	115
4648805	4551107	Pecos River Basin alluvial aquifer	100
4661201	4660701	Edwards-Trinity aquifer system	700
4914422	4914701	Rio Grande aquifer system	723
5102926	5102903	Rio Grande aquifer system	421
5206501	5207502	Edwards-Trinity aquifer system	280
5620411	5625509	Edwards-Trinity aquifer system	180
5741903	5741909	Edwards-Trinity aquifer system	295
5805403	5802202	Edwards-Trinity aquifer system	470
5810303	5812601	Edwards-Trinity aquifer system	1041
5862508	6707204	Texas coastal uplands aquifer system	765
6053208	6053217	Coastal lowlands aquifer system	1585
6157611	6149807	Coastal lowlands aquifer system	396
6201701	6201803	Coastal lowlands aquifer system	884
6504612	6512726	Coastal lowlands aquifer system	1802
6533803	6533210	Coastal lowlands aquifer system	965
6663504	6661302	Coastal lowlands aquifer system	528
6912501	6921702	Edwards-Trinity aquifer system	628
6961525	7624906	Texas coastal uplands aquifer system	438
7702514	6958807	Texas coastal uplands aquifer system	140
7709102	7702124	Texas coastal uplands aquifer system	275
7718704	7726708	Texas coastal uplands aquifer system	315

TWDB Water-level subnetwork replacement wells			
NGWMN site # removed	Replacement NGWMN site #	Principal aquifer	Well depth (ft)
7728503	7725307	Texas coastal uplands aquifer system	530
7815805	6861302	Texas coastal uplands aquifer system	815
7923601	7924702	Coastal lowlands aquifer system	180
8019506	8027601	Coastal lowlands aquifer system	273
8019802	8019503	Coastal lowlands aquifer system	265
8027601	8026501	Coastal lowlands aquifer system	267
8335903	8335201	Coastal lowlands aquifer system	957
8432501	8325701	Coastal lowlands aquifer system	498

Of the 124 trend wells that were in the Network, one site was removed, and one site reverted to a surveillance well. An additional 56 trend wells were added to the Network between 2020 and 2022 resulting in 178 trend wells that are currently in the Network and continue to post near real-time, provisional hourly water-level measurements on the TWDB [Water Data for Texas webpage](#) (Appendix I). The hyperlink provided for these wells via the NGWMN portal, however, provides connection to the TWDB GWDB that includes daily measurements from the trend wells rather than the provisional hourly measurements available on the Water Data for Texas webpage.

NGWMN High Plains Water-Level Subnetwork

At the end of the 2021 water-level season an additional 2,464 water-level Network sites were added in the High Plains, Rio Grande, and Blaine aquifers as part of a grant from the USGS (Cooperative Agreement Number G19AC00189). A review was conducted at the end of the 2022 water-level season to determine the status of data collection at these sites. Of the original 2,393 sites that were added in the High Plains aquifer 2,197 continue to be measured at least annually and remain as Network wells, 196 were unable to be measured and were removed from the Network; 37 sites were added as replacements, and 159 were removed without being replaced (Figure 7). While the number of sites in the High Plains aquifer system is well above the recommended density, the TWDB will continue to work on identifying replacement sites for the removed sites.

In the Blaine aquifer 43 of the 45 original wells assigned remain in the Network; one site was replaced, and one was removed with no viable replacement (Figure 9). Twenty-five Rio Grande aquifer sites were assigned to the Network as part of this grant, but 2 sites were removed after it was determined these sites were not completed in the Rio Grande aquifer, and 2 additional sites were deemed not suitable for Network inclusion due to difficulties in obtaining valid water-level

measurements (Figure 6). Site specific information for each of these aquifers is contained in Appendix II.

Figure 3. Trend and surveillance water-level subnetwork wells in the Texas coastal uplands aquifer system (Carrizo-Wilcox Aquifer)

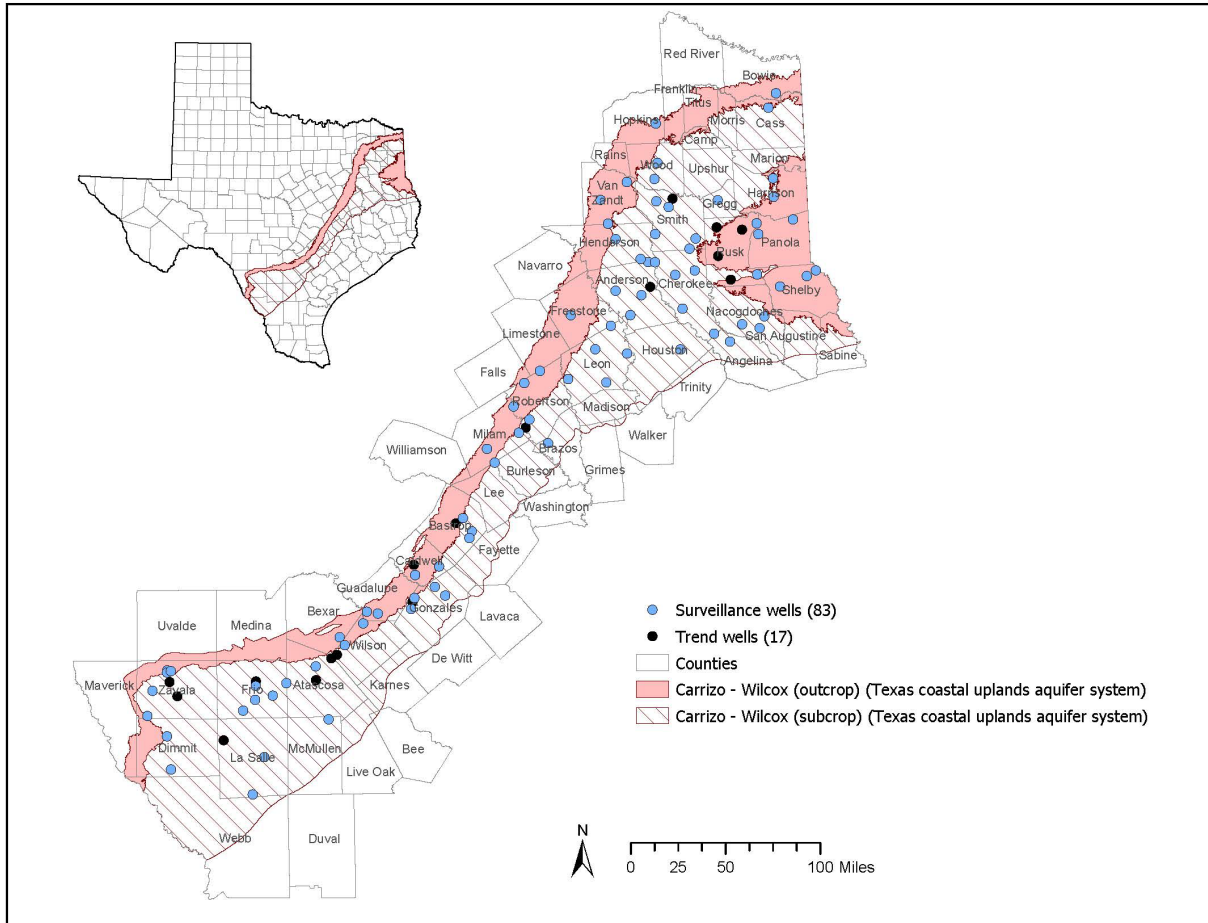


Figure 4. Trend and surveillance water-level subnetwork wells in the Edwards Trinity aquifer system (Edwards [BFZ], Edwards-Trinity [Plateau], and Trinity aquifers)

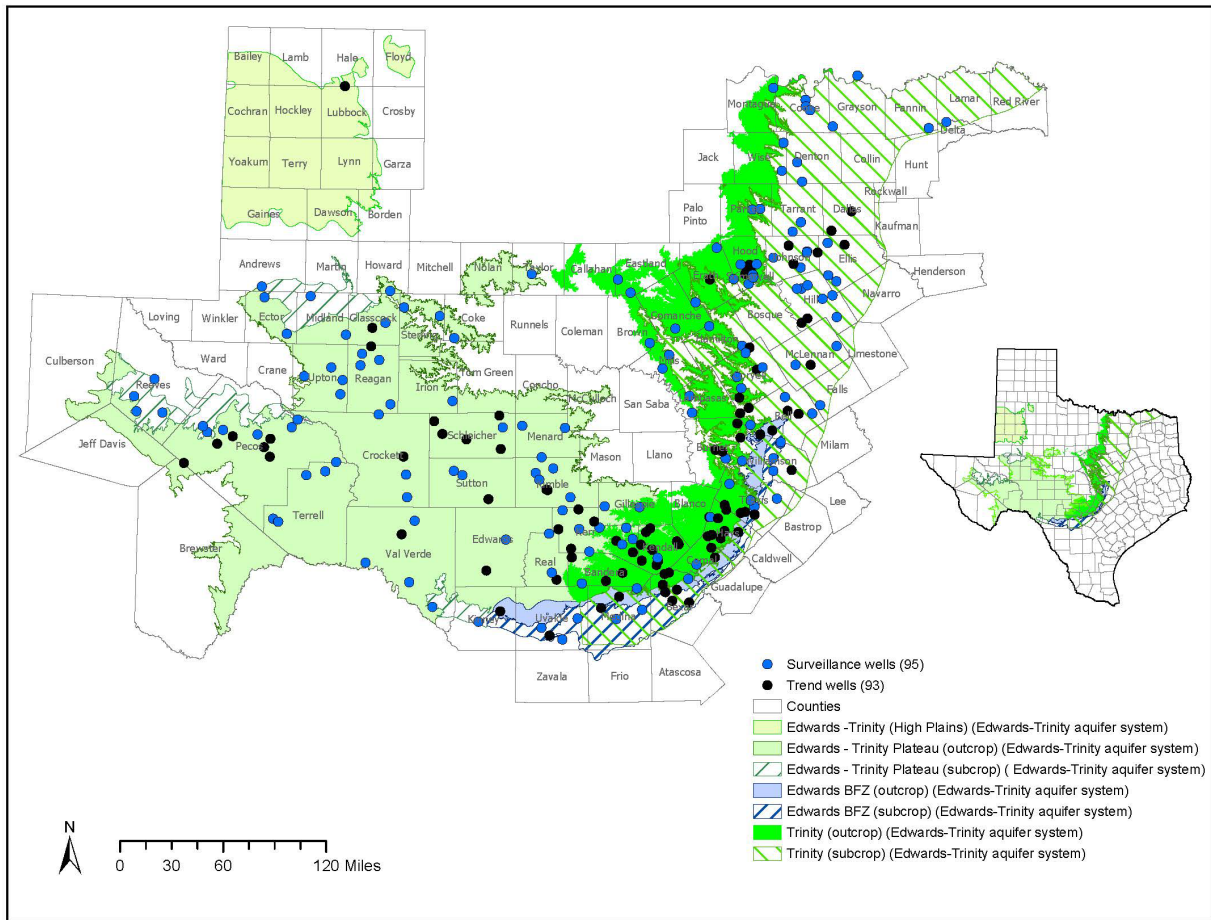


Figure 5. Trend and surveillance water-level subnetwork wells in the Coastal lowlands aquifer system (Gulf Coast Aquifer)

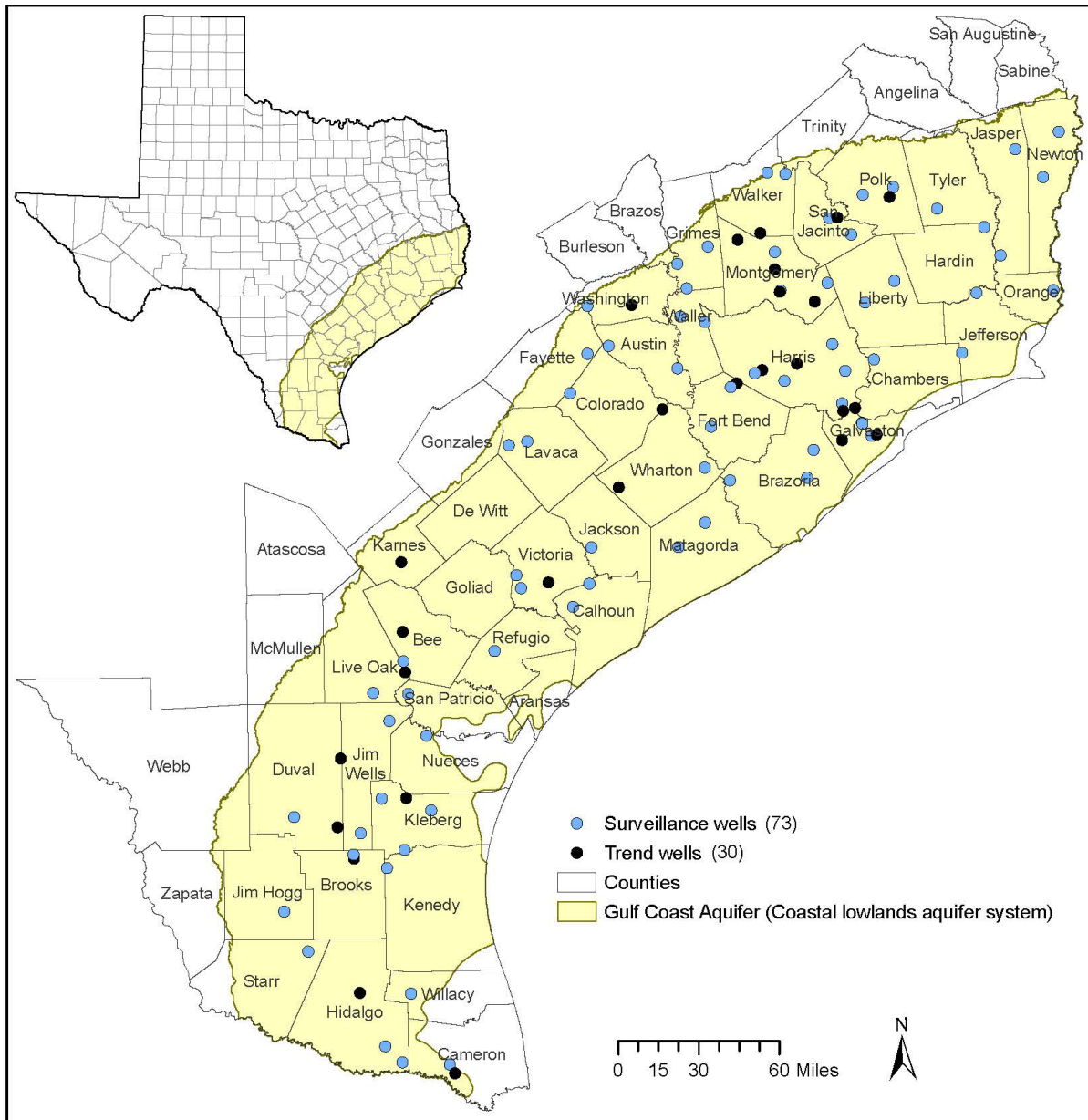


Figure 6. Trend and surveillance water-level subnetwork wells in the Pecos Valley Basin alluvial aquifer and the Rio Grande aquifer systems (Pecos Valley and Hueco-Mesilla Bolsons aquifers)

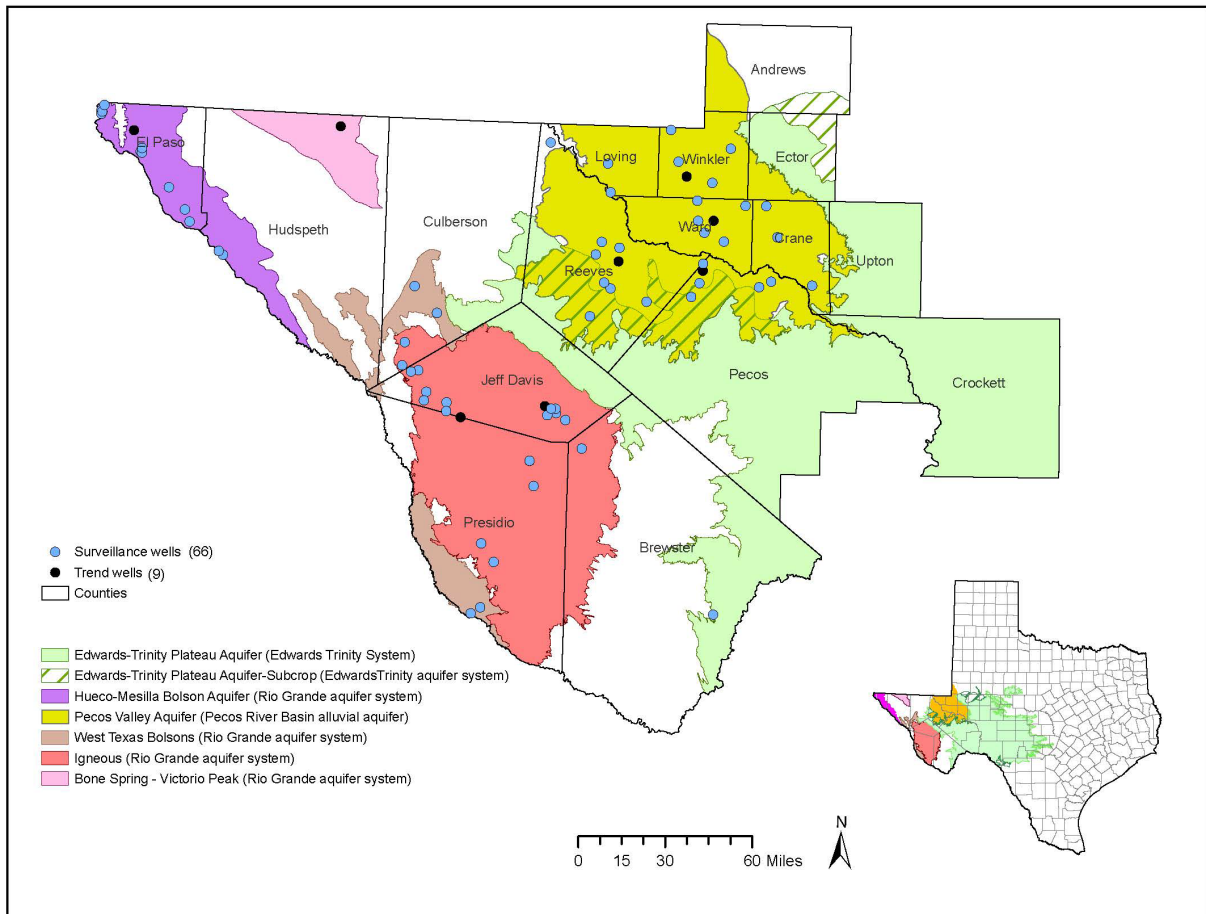


Figure 7. Trend and surveillance water-level subnetwork wells in the High Plains aquifer system (Ogallala Aquifer)

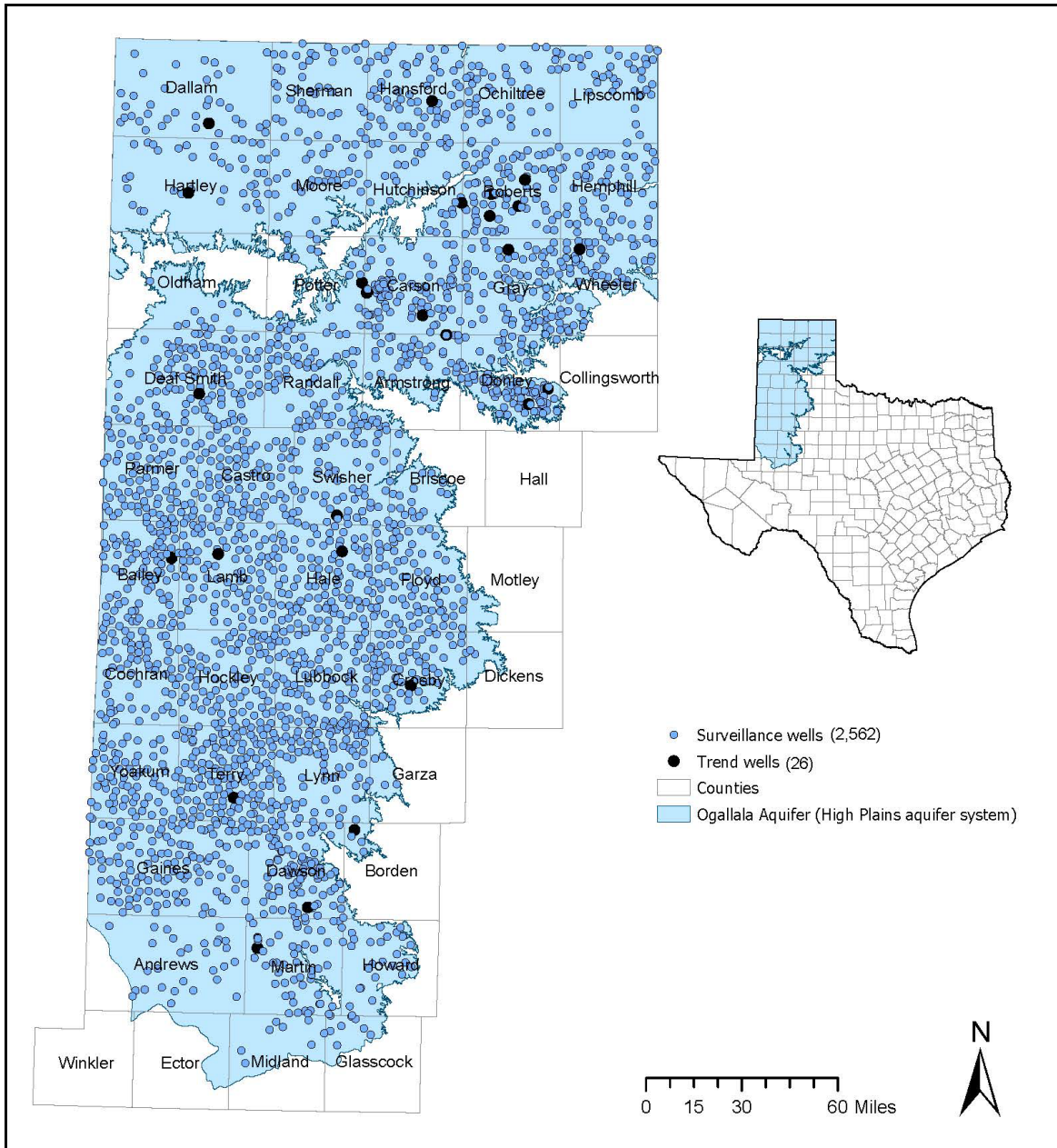


Figure 8. Trend and surveillance water-level subnetwork wells in the Seymour aquifer system (Seymour Aquifer)

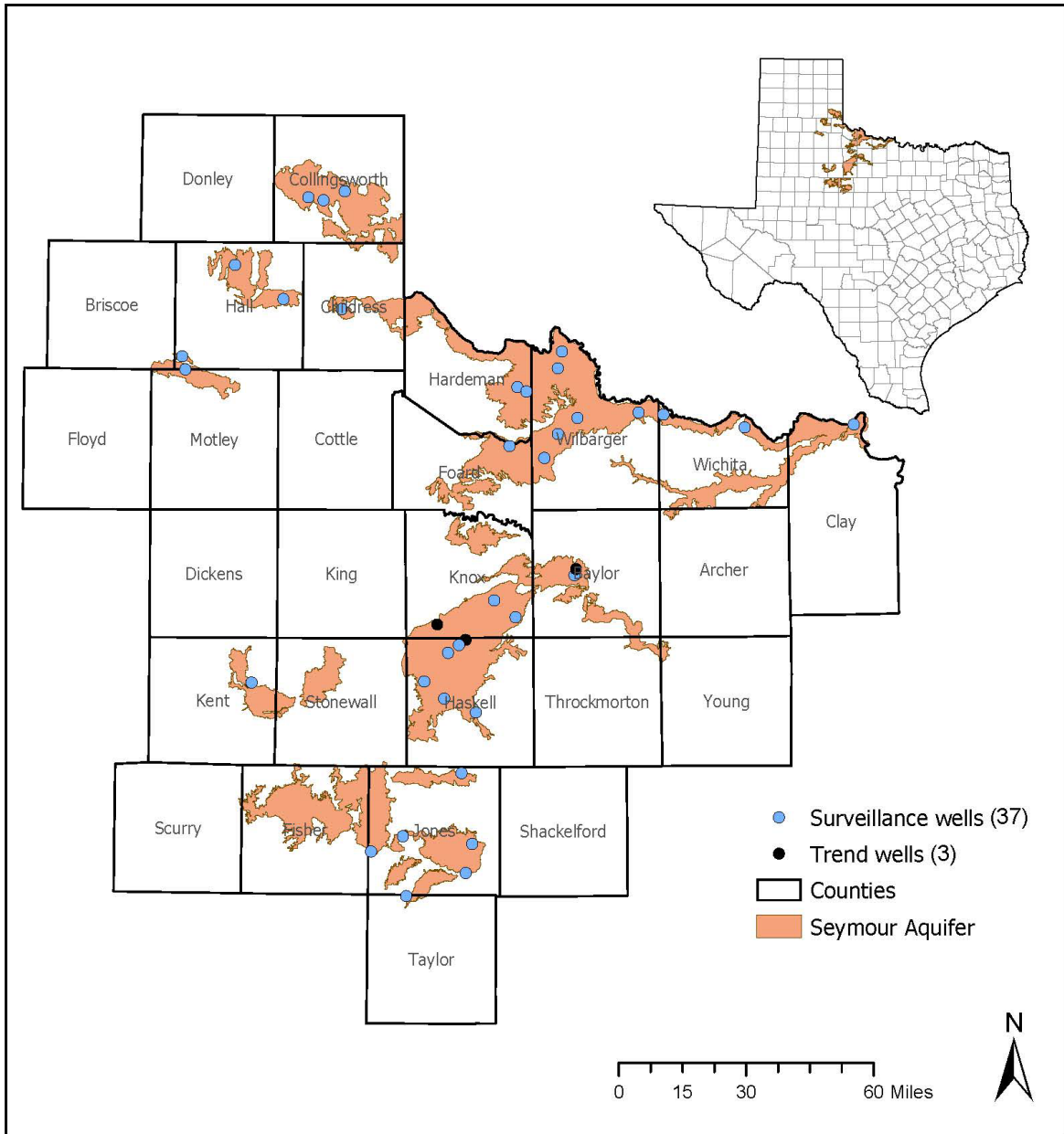
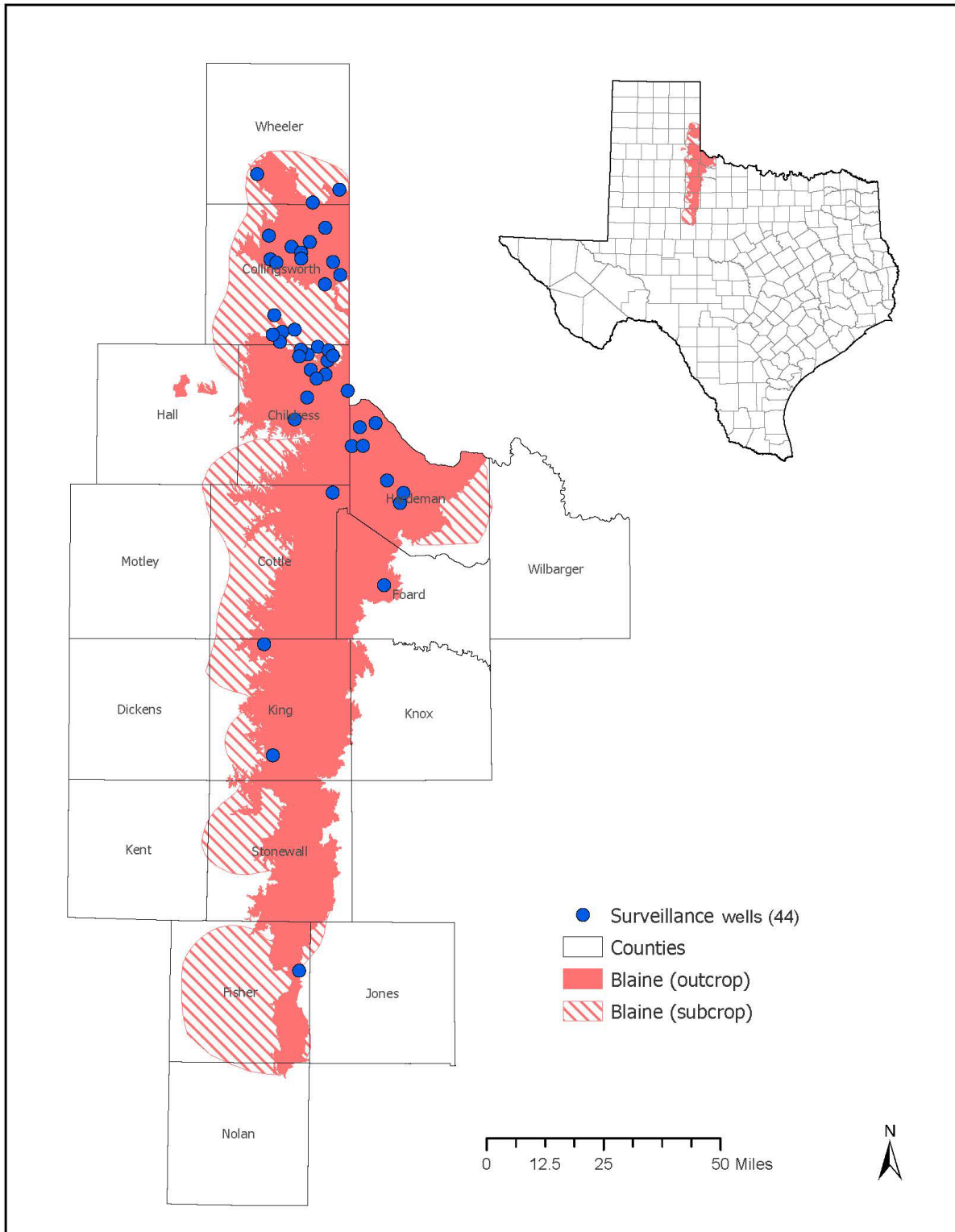


Figure 9. Trend and surveillance water-level subnetwork wells in the Blaine aquifer system (Blaine Aquifer)



NGWM Water-Quality Subnetwork

The TWDB samples a representative number of wells from each of the state's 9 major and 22 minor aquifers, throughout their extent, once every four years, while yearly sampling by cooperators occurs in only a couple of aquifers, primarily the Edwards (Balcones Fault Zone) aquifer. In a typical year, the TWDB would sample one or two major and minor aquifers that had last been sampled 3 years ago to keep up with the four-year water-quality sampling cycle.

The TWDB water-quality sampling cycle was disrupted in 2020 by the COVID-19 pandemic. The High Plains aquifer system was originally scheduled to be sampled in 2020 but COVID-19 travel restrictions limited TWDB staff to sites within a day trip of the home office in Austin, Texas, and sampling numbers were reduced due to a shorter sampling season. The TWDB instead focused sampling efforts on the Texas coastal uplands, Coastal lowlands, and Edwards Trinity aquifers, but the number of assigned sites was only about 10 percent of what would normally be sampled.

The TWDB temporarily restructured yearly water-quality sampling efforts to realign with the traditional four-year sampling cycle and meet the legislative adequacy targets. Instead of primarily sampling one or two major or minor aquifers each year, resources were split between several aquifers. With travel restrictions lifted in 2021, the High Plains aquifer system was able to be sampled, but a portion of the sampling resources were dedicated to picking up additional samples in the Texas coastal uplands and Coastal lowlands aquifers that were unable to be sampled in 2020. Sampling of the Coastal aquifers continued in 2022 along with the Blaine, Pecos Valley, Rio Grande, and Seymour aquifers.

Between 2020 and 2022 the TWDB sampled 539 wells and springs, of which 475 were in principal aquifers and 284 were in the NGWMN water-quality subnetwork. Cooperators sampled an additional 14 water-quality subnetwork sites. Some sites from all 8 principal aquifers were sampled during the two-year period but the majority were in the High Plains, Coastal lowlands, and Texas coastal uplands aquifers. Of the total 583 wells in the NGWMN water-quality subnetwork, 112 sites are in the High Plains aquifer system and 77 of these wells were re-sampled between September 2020 and August 2022. There are 215 total sites designated as Network wells in the Coastal lowlands and Texas coastal uplands aquifers, split evenly with 108 sites in the Texas coastal uplands aquifer and 107 in the Coastal lowlands aquifer. The TWDB and cooperators sampled 162 of the 215 Network sites. Additionally, 19 sites were sampled in the Edwards Trinity aquifer system, 19 sites were sampled in the Seymour aquifer, 13 sites were sampled in the Pecos River Basin alluvial aquifer, 7 sites were sampled in the Rio Grande aquifer, and 1 site was sampled in the Blaine aquifer (Table 7 and Figures 10 thru 14; no map was provided for the Blaine aquifer due to a single well that was sampled). Following the 2022 sampling season, the TWDB will review the four-year sampling schedule and continue working

to get back to a normal four-year sampling cycle that includes routine sampling of assigned Network wells.

Table 7. Water-quality samples by aquifer from September 1, 2020 to August 31, 2022

Principal aquifer	TWDB sampled sites	NGWMN sites sampled	Total NGWMN sites
Blaine	14	1	3
Coastal lowlands aquifer system	93	76	107
Edwards-Trinity aquifer system	32	19	205
High Plains aquifer	103	77	112
Pecos River Basin alluvial aquifer system	29	13	17
Rio Grande aquifer system	16	7	8
Seymour aquifer	22	19	23
Texas coastal uplands aquifer system	166	86	108
Total	475	298	583

In general, the TWDB sampling schedule, which includes return visits to NGWMN and TWDB network wells once every four years, appropriately ensures that minimum frequency requirements are met, although challenges occasionally arise. Challenges limiting the sampling schedule in 2021 and 2022 included staff vacancies, which resulted in a loss of institutional knowledge and fewer staff available for collecting samples. The Springs Monitoring Program initiated in 2020 also pulls some resources from the routine sampling program. In the past couple of years, there had been an increase in the number of Network sites not sampled with no explanation given. To address this issue, specific NGWMN training is now provided to TWDB staff prior to each sampling season, and spreadsheets have been developed to help staff better track the status of Network wells, reduce the number of Network wells not sampled, and identify replacement sites for wells that are no longer able to be sampled. As a result of these new policies, TWDB staff were able to collect samples from nearly 87 percent of the water-quality subnetwork wells assigned in 2022, and alternate sites were identified and sampled for half of the remaining sites.

Figure 10. Water-quality samples collected in subnetwork wells between September 1, 2020 and August 31, 2022 in the Texas coastal uplands and Coastal lowlands aquifer systems

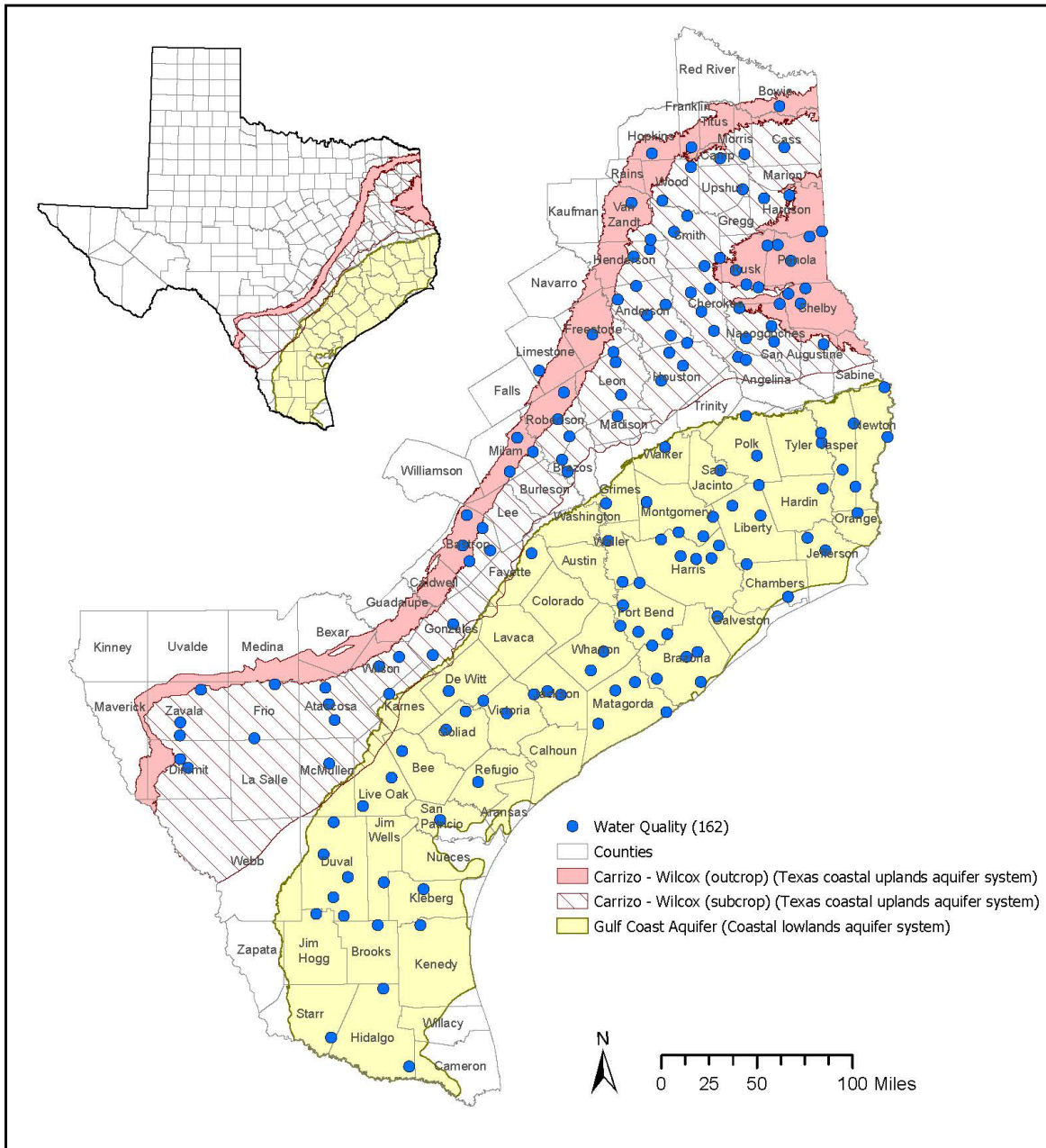


Figure 11. Water-quality samples collected in subnetwork wells between September 1, 2020 and August 31, 2022 in the Edwards-Trinity aquifer system

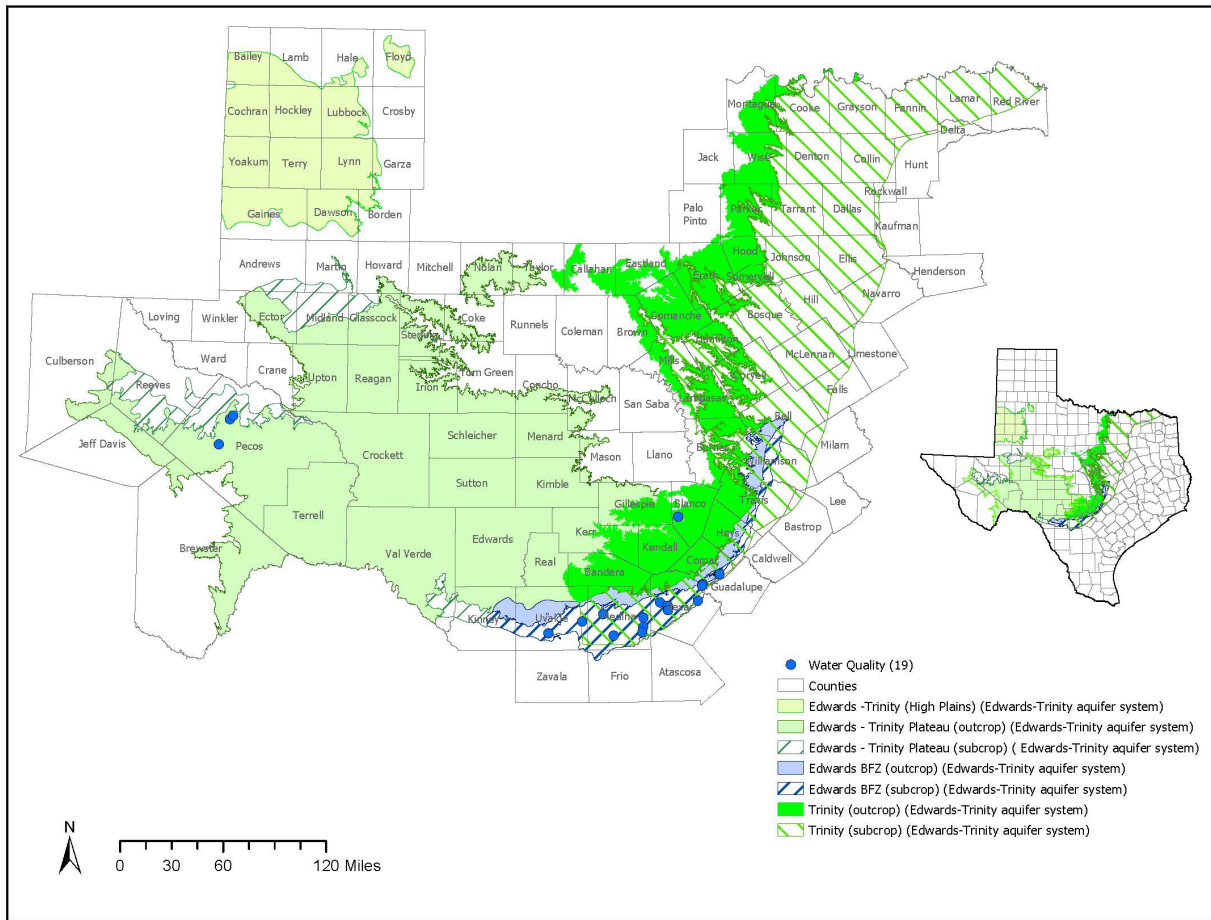


Figure 12. Water-quality samples collected in subnetwork wells between September 1, 2020 and August 31, 2022 in the High Plains aquifer system

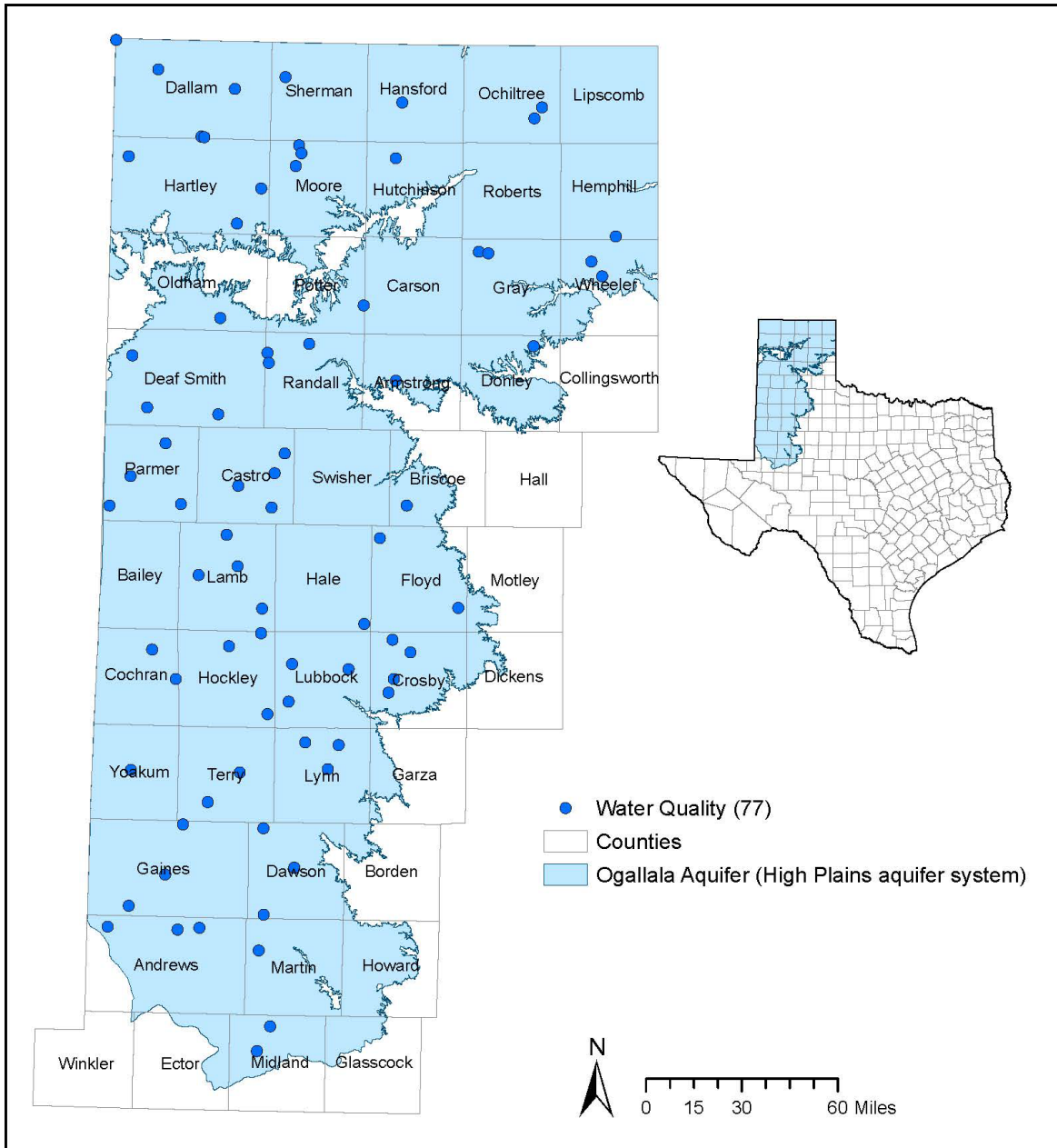


Figure 13. Water-quality samples collected in subnetwork wells between September 1, 2020 and August 31, 2022 in the Pecos Valley and Rio Grande aquifer systems

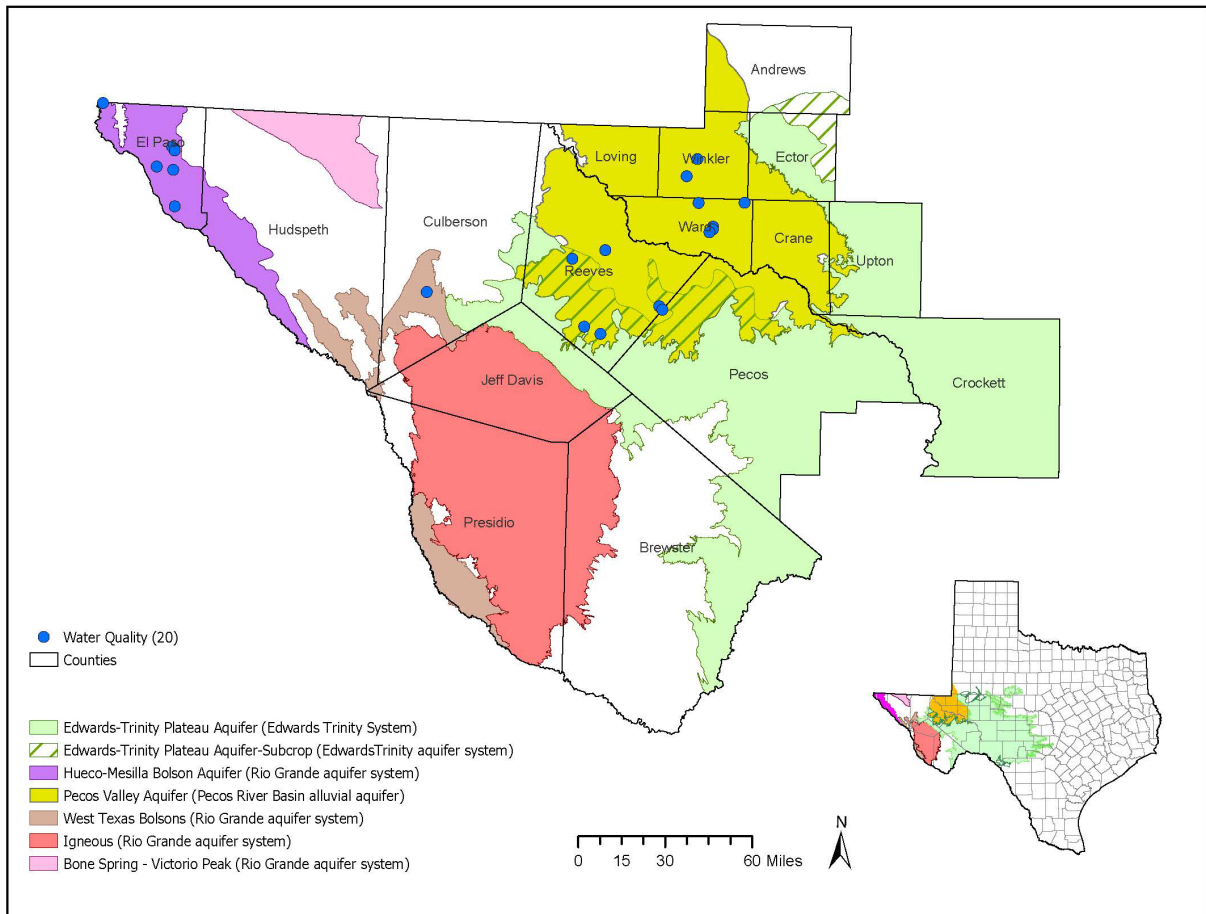
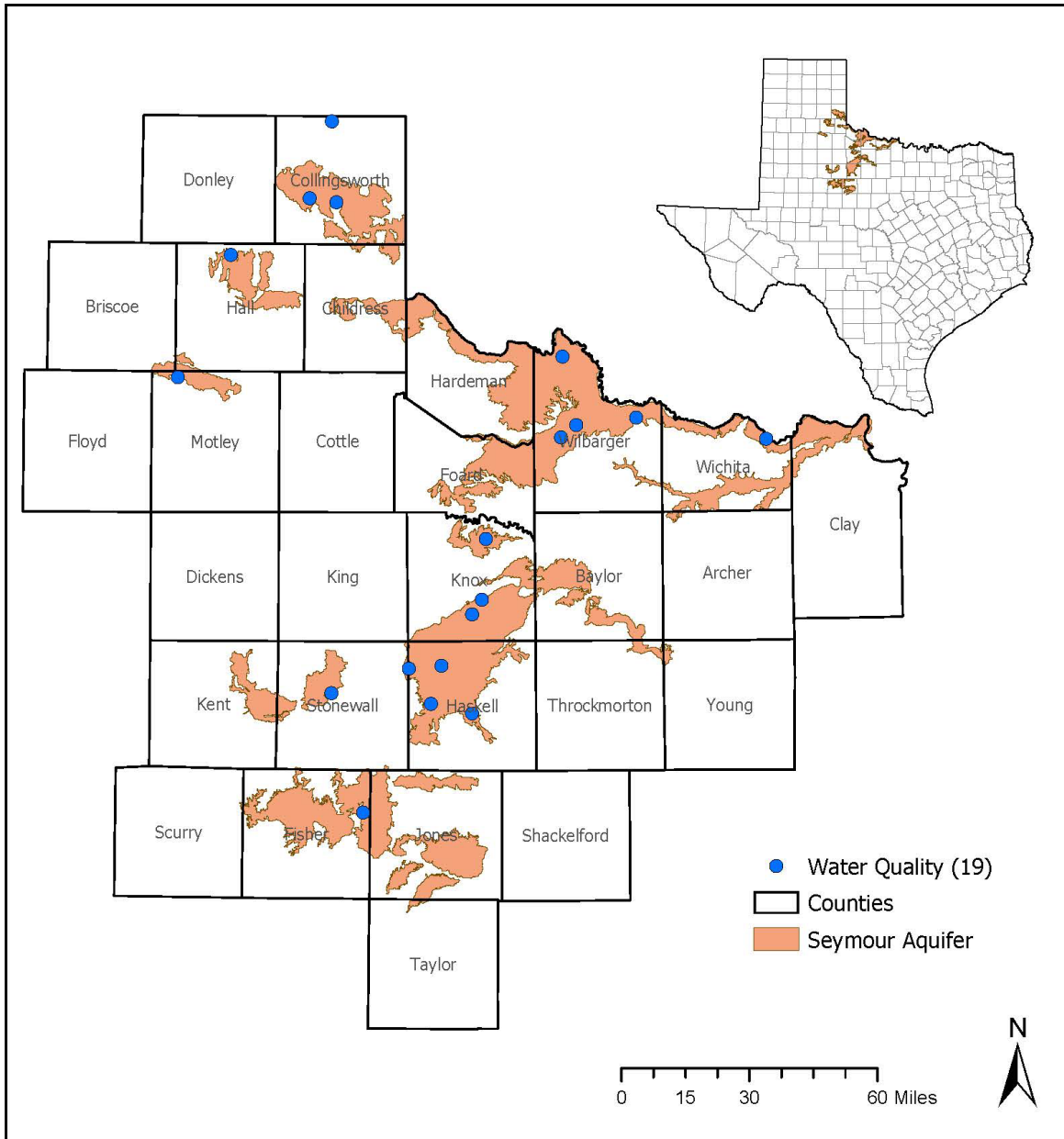


Figure 14. Water-quality samples collected in subnetwork wells between September 1, 2020 and August 31, 2022 in the Seymour aquifer system



TWDB metadata gap filling and maintenance 2020 to 2022

Lithology

During the TWDB GWDB restructuring in 2014, a lithology table was added to allow manual addition of data from scanned images of driller’s logs, if available. In the early 2000s, an online application was developed that would allow the required well reports to be entered electronically and store the data in a structured database. Since 2003 all new well reports are entered through the online application and stored in the Submitted Drillers Report Database. Lithology data is part of these reports, however, the majority of the current NGWMN sites were drilled prior to the creation of the online drillers report application and lithology data must be manually entered from the scanned images. A previous NGWMN award allowed TWDB staff to populate the lithology tables for the Network wells first before continuing with gap filling for the remaining non-Network wells. This work is now incorporated as part of our persistent data services tasks, and TWDB staff continue to populate lithology for non-Network wells as time allows.

While lithology data was added for 126 Network sites over the past two years, the percentage of wells that have lithology data that will be accessible through web services dropped from 65 percent to 30 percent, largely due to the addition of 2,500 sites in the High Plains, Rio Grande, and Blaine aquifers (Tables 8 and 9). In general, more wells in the western part of the state lack lithology descriptions, possibly due to the relatively shallower depth (for example, in Seymour wells) and/or the more homogenous, predominantly sand- and gravel-rich alluvial formations. The TWDB will review available lithology data for the newly added sites and will continue to add those data, as part of the current persistent data services grant, USGS Cooperative Agreement Number G22AC00115.

Table 8. Metadata gap filling in TWDB water-level NGWMN subnetwork wells

Principal aquifer	NGWMN sites	Sites with lithology data	Percent of total
Blaine aquifer system	44	7	16
Coastal lowlands aquifer system	103	61	59
Edwards-Trinity aquifer system	241	133	55
High Plains aquifer	2,588	419	16
Pecos River Basin alluvial aquifer	31	8	26
Rio Grande aquifer system	44	24	55
Seymour aquifer	40	16	40
Texas coastal uplands aquifer system	100	67	67
Total	3,191	735	23%

Table 9. Metadata gap filling in TWDB water-quality NGWMN subnetwork wells

Principal aquifer	NGWMN sites	Sites with lithology data	Percent of total
Blaine aquifer system	3	1	33
Coastal lowlands aquifer system	107	80	75
Edwards-Trinity aquifer system	205	122	60
High Plains aquifer	112	56	50
Pecos River Basin alluvial aquifer	17	11	65
Rio Grande aquifer system	8	5	63
Seymour aquifer	23	7	30
Texas coastal uplands aquifer system	108	103	95
Total	583	385	66%

Local Aquifer Code and Site Name

Periodic checks are performed on all data elements in the Network. Two fields known for having issues are *Local Aquifer Code* and *Site Name*. The TWDB reviews existing sites to replace local aquifer codes with complete local aquifer names, and updates *Site Name* to ensure no personally identifiable information is present.

As part of this effort some site names had been updated to *TWDB:State Well Number* (e.g., TWDB:0556304) to avoid using personally identifiable information. However, it was later discovered that the URL connected with these site names on the National Groundwater Monitoring Network map resulted in a “404 The requested URL was not found” error. It was believed that the colon in between TWDB and the state well number was causing the problem so the *Site Name* for these sites was changed to just the state well number, but these sites continue to get the 404 error. The TWDB will work with the USGS under the current persistent data services grant (Cooperative Agreement Number G22AC00115) to correct these error messages.

Updates to Water-Quality Web Services

In 2018 the TWDB received an award (USGS Cooperative Agreement Number G18AC00088) to update water-quality web services to meet requirements as described in the Water-Quality Web Services Tip Sheet. As part of that grant, most water-quality constituent names and units in the TWDB GWDB were updated but there were a few that needed further review to determine the correct name and unit.

Over the past two years, water-quality parameter units for 47 constituents were updated to append the chemical speciation to the units of measurement. Twenty constituents still have invalid parameter codes or no matching equivalent in the Water Quality Data Elements Tip

Sheet. However, only eight of those parameter codes are in use in the GWDB and the NGWMN. Those eight codes have been reviewed and corrective actions have been assigned but will involve structural updates to the GWDB that may take some time to implement due to IT constraints. That work is expected to be completed under the current persistent data services grant (USGS Cooperative Agreement Number G22AC00115).

TWDB data collection methods

TWDB data collection methods are in accordance with standardized field procedures consistent with the standards outlined in Appendix 5 of the groundwater monitoring framework document (SOGW, 2013). The TWDB revised water-level monitoring field procedures (www.twdb.texas.gov/groundwater/docs/UMs/UM-52.pdf) in 2016 to adhere more closely to standards in the framework document, and sampling protocols are included in a separate manual (www.twdb.texas.gov/groundwater/docs/UMs/UM-51.pdf).

TWDB quality assurance procedures

As noted, TWDB staff adhere to procedures in the field and throughout the data collection process as described in the two user manuals (linked above) that address water-level measuring and water-quality sampling. These practices are further reiterated and specified in several Standard Operating Procedures, or Work Process Documents, that the Groundwater Division updates every two years. TWDB field personnel are also now entering data using ESRI's Collector App, intended to reduce the number of errors that could occur when transcribing information from field books into the TWDB GWDB.

Although the TWDB Groundwater Division receives no funds from the US Environmental Protection Agency (USEPA), it prepares (or updates) the TWDB Quality Management Plan (QMP) yearly as other parts of the agency rely on the Groundwater Division's data in support of water-management strategies that may be partly funded by the USEPA. The QMP describes the quality system implemented by the agency for data-collection activities and is documentation required by the USEPA.

The TWDB collects water-quality data in 97 percent of the Network wells, with cooperators collecting water-quality data in the remaining 3 percent. However, cooperators measure water levels in more than 50 percent of Network wells and provide the TWDB with this information annually for uploading in the TWDB GWDB. Additional quality assurance checks include automated flagging of anion-cation balance exceeding 5 percent when reviewing water-quality data, and automated comparison/verification of outliers in the water-level measurements against previous values for TWDB and cooperator measurement data.

Serving data to the NGWMN data portal

Lithology elements are listed in the USGS National Groundwater Monitoring Network Tip Sheet on Minimum Data Requirements for Candidate Sites, and the TWDB had web services configured to provide these elements. However, there are still a few required data elements that the TWDB is not currently able to provide. Lithology data contained in the GWDB does not have a *lithology ID* field in addition to its site identification number, due to the variety of lithologic descriptions provided by drillers over the years. Additionally, the *Observation Method* is currently only determined through driller's logs, and does not include possible other methods, such as a Geologist's Log or Geophysical log.

References

Subcommittee on Ground Water (SOGW), 2013, A National Framework for Ground-Water Monitoring in the United States, 182 p,
acwi.gov/sogw/ngwmn_framework_report_july2013.pdf.

Texas Water Development Board *Quality Management Plan*, 2022, prepared for the U.S. Environmental Protection Agency, Region VI.

U.S. Geological Survey (USGS), 2000, Groundwater Atlas of the United States: Online,
water.usgs.gov/GIS/metadata/usgswrd/XML/aquifers_us.xml, accessed November 2021.

Appendix I

National Ground-Water Monitoring Trend Sites 2020 to 2022

State well number	County	Aquifer	Recorder type
0260303	Dallam	Ogallala	TWDB Recorder Well
0354301	Hansford	Ogallala	TWDB Recorder Well
0503709	Roberts	Ogallala	GCD Recorder Well
0509553	Roberts	Ogallala	TWDB Recorder Well
0510953	Roberts	Ogallala	GCD Recorder Well
0517203	Roberts	Ogallala	TWDB Recorder Well
0526501	Gray	Ogallala	GCD Recorder Well
0529505	Wheeler	Ogallala	GCD Recorder Well
0616702	Hutchinson	Ogallala	GCD Recorder Well
0635912	Potter	Ogallala/Dockum	GCD Recorder Well
0644102	Carson	Ogallala	TWDB Recorder Well
0646805	Carson	Ogallala	GCD Recorder Well
0655504	Armstrong	Ogallala	GCD Recorder Well
0712401	Hartley	Ogallala	TWDB Recorder Well
1004901	Deaf Smith	Ogallala	TWDB Recorder Well
1051909	Bailey	Ogallala	TWDB Recorder Well
1053602	Lamb	Ogallala	Other Cooperator Recorder Well
1142315	Swisher	Ogallala	TWDB Recorder Well
1151403	Hale	Ogallala	TWDB Recorder Well
1204452	Donley	Ogallala	GCD Recorder Well
2122850	Baylor	Seymour	TWDB Recorder Well
2135748	Haskell	Seymour	TWDB Recorder Well
2310401	Hale	Edwards-Trinity (High Plains)	TWDB Recorder Well
2330103	Crosby	Ogallala	TWDB Recorder Well
2462601	Terry	Ogallala	TWDB Recorder Well
2739903	Martin	Ogallala	TWDB Recorder Well
2803601	Borden	Ogallala	Other Cooperator Recorder Well
2825604	Dawson	Ogallala	TWDB Recorder Well
3155504	Erath	Trinity	TWDB Recorder Well
3237315	Johnson	Trinity	GCD Recorder Well
3240703	Johnson	Trinity	GCD Recorder Well
3242604	Hood	Trinity	TWDB Recorder Well
3242805	Somervell	Trinity	GCD Recorder Well
3242906	Somervell	Trinity	GCD Recorder Well
3246403	Johnson	Trinity	GCD Recorder Well
3250201	Somervell	Trinity	GCD Recorder Well

State well number	County	Aquifer	Recorder type
3251105	Somervell	Trinity	GCD Recorder Well
3319101	Dallas	Trinity	TWDB Recorder Well
3325202	Dallas	Trinity	TWDB Recorder Well
3334207	Ellis	Trinity	GCD Recorder Well
3430907	Smith	Carrizo-Wilcox	TWDB Recorder Well
3541604	Rusk	Carrizo-Wilcox	TWDB Recorder Well
3543906	Rusk	Carrizo-Wilcox	GCD Recorder Well
3558405	Rusk	Carrizo-Wilcox	GCD Recorder Well
3702905	Rusk	Carrizo-Wilcox	GCD Recorder Well
3813106	Anderson	Carrizo-Wilcox	TWDB Recorder Well
4014602	Hill	Trinity	GCD Recorder Well
4015102	Hill	Trinity	GCD Recorder Well
4026201	Coryell	Trinity	TWDB Recorder Well
4035404	Coryell	Trinity	TWDB Recorder Well
4039204	McLennan	Trinity	TWDB Recorder Well
4049601	Coryell	Trinity	TWDB Recorder Well
4057601	Bell	Trinity	TWDB Recorder Well
4057602	Bell	Trinity	TWDB Recorder Well
4058201	Bell	Trinity	GCD Recorder Well
4061509	Bell	Trinity	GCD Recorder Well
4062501	Bell	Trinity	GCD Recorder Well
4357905	Schleicher	Edwards-Trinity (Plateau)	GCD Recorder Well
4362607	Schleicher	Edwards-Trinity (Plateau)	GCD Recorder Well
4412611	Glasscock	Edwards-Trinity (Plateau)	TWDB Recorder Well
4420854	Reagan	Edwards-Trinity (Plateau)	TWDB Recorder Well
4525715	Ward	Pecos Valley	TWDB Recorder Well
4615924	Winkler	Pecos Valley	Other Cooperator Recorder Well
4644501	Reeves	Pecos Valley	TWDB Recorder Well
4648806	Pecos	Pecos Valley	TWDB Recorder Well
4904476	El Paso	Hueco-Mesilla Bolson	Other Cooperator Recorder Well
4913301	El Paso	Hueco-Mesilla Bolson	TWDB Recorder Well
5129805	Presidio	West Texas Bolson	TWDB Recorder Well
5216802	Pecos	Edwards-Trinity (Plateau)	TWDB Recorder Well
5225209	Jeff Davis	Igneous	TWDB Recorder Well
5230107	Pecos	Edwards-Trinity (Plateau)	GCD Recorder Well
5309301	Pecos	Edwards-Trinity (Plateau)	Other Cooperator Recorder Well
5312301	Pecos	Edwards-Trinity (Plateau)	GCD Recorder Well
5312803	Pecos	Edwards-Trinity (Plateau)	GCD Recorder Well
5320603	Pecos	Edwards-Trinity (Plateau)	GCD Recorder Well

State well number	County	Aquifer	Recorder type
5423106	Crockett	Edwards-Trinity (Plateau)	TWDB Recorder Well
5463401	Val Verde	Edwards-Trinity (Plateau)	TWDB Recorder Well
5502807	Schleicher	Edwards-Trinity (Plateau)	GCD Recorder Well
5512134	Schleicher	Edwards-Trinity (Plateau)	TWDB Recorder Well
5514909	Schleicher	Edwards-Trinity (Plateau)	GCD Recorder Well
5545308	Sutton	Edwards-Trinity (Plateau)	TWDB Recorder Well
5644901	Kerr	Trinity	GCD Recorder Well
5654405	Kerr	Trinity	TWDB Recorder Well
5659201	Kerr	Trinity	GCD Recorder Well
5663922	Kerr	Trinity	TWDB Recorder Well
5715901	Burnet	Trinity	GCD Recorder Well
5724101	Burnet	Trinity	GCD Recorder Well
5748811	Hays	Trinity	GCD Recorder Well
5755607	Hays	Trinity	TWDB Recorder Well
5758203	Kendall	Edwards-Trinity (Plateau)	GCD Recorder Well
5758402	Kendall	Trinity	GCD Recorder Well
5763705	Hays	Trinity	TWDB Recorder Well
5764502	Hays	Trinity	GCD Recorder Well
5764705	Hays	Trinity	TWDB Recorder Well
5801202	Burnet	Trinity	GCD Recorder Well
5803701	Williamson	Trinity	GCD Recorder Well
5803702	Williamson	Edwards (Balcones Fault Zone)	GCD Recorder Well
5804702	Bell	Edwards (Balcones Fault Zone)	TWDB Recorder Well
5809303	Burnet	Trinity	GCD Recorder Well
5829603	Williamson	Trinity	TWDB Recorder Well
5850120	Travis	Trinity	TWDB Recorder Well
5850301	Travis	Edwards (Balcones Fault Zone)	Other Cooperator Recorder Well
5857502	Hays	Edwards (Balcones Fault Zone)	GCD Recorder Well
5862208	Bastrop	Carrizo-Wilcox	TWDB Recorder Well
5911621	Milam	Carrizo-Wilcox	TWDB Recorder Well
5953915	Washington	Gulf Coast	TWDB Recorder Well
6028802	Walker	Gulf Coast	Other Cooperator Recorder Well
6032219	San Jacinto	Gulf Coast	GCD Recorder Well
6035202	Montgomery	Gulf Coast	Other Cooperator Recorder Well
6045412	Montgomery	Gulf Coast	Other Cooperator Recorder Well
6053516	Montgomery	Gulf Coast	Other Cooperator Recorder Well
6055710	Montgomery	Gulf Coast	Other Cooperator Recorder Well
6119417	Polk	Gulf Coast	TWDB Recorder Well
6148209	Jasper	Gulf Coast	TWDB Recorder Well

State well number	County	Aquifer	Recorder type
6433920	Galveston	Gulf Coast	Other Cooperator Recorder Well
6507905	Harris	Gulf Coast	Other Cooperator Recorder Well
6512726	Harris	Gulf Coast	Other Cooperator Recorder Well
6514409	Harris	Gulf Coast	TWDB Recorder Well
6521230	Harris	Gulf Coast	Other Cooperator Recorder Well
6532401	Harris	Gulf Coast	Other Cooperator Recorder Well
6532625	Harris	Gulf Coast	Other Cooperator Recorder Well
6540707	Galveston	Gulf Coast	Other Cooperator Recorder Well
6631107	Wharton	Gulf Coast	GCD Recorder Well
6653406	Wharton	Gulf Coast	TWDB Recorder Well
6711501	Caldwell	Carrizo-Wilcox	TWDB Recorder Well
6727805	Gonzales	Carrizo-Wilcox	GCD Recorder Well
6801314	Kendall	Trinity	TWDB Recorder Well
6801704	Kerr	Trinity	GCD Recorder Well
6802609	Kendall	Trinity	TWDB Recorder Well
6804214	Kendall	Trinity	GCD Recorder Well
6804312	Kendall	Trinity	TWDB Recorder Well
6807407	Comal	Trinity	TWDB Recorder Well
6809303	Kendall	Trinity	GCD Recorder Well
6811417	Kendall	Trinity	TWDB Recorder Well
6811418	Kendall	Trinity	GCD Recorder Well
6815211	Comal	Trinity	TWDB Recorder Well
6819208	Bexar	Trinity	TWDB Recorder Well
6819806	Bexar	Trinity	GCD Recorder Well
6820110	Bexar	Trinity	TWDB Recorder Well
6827609	Bexar	Edwards (Balcones Fault Zone)	Other Cooperator Recorder Well
6828211	Bexar	Edwards (Balcones Fault Zone)	Other Cooperator Recorder Well
6836132	Bexar	Edwards (Balcones Fault Zone)	Other Cooperator Recorder Well
6837203	Bexar	Edwards (Balcones Fault Zone)	GCD Recorder Well
6861302	Atascosa	Carrizo-Wilcox	TWDB Recorder Well
6862104	Wilson	Carrizo-Wilcox	TWDB Recorder Well
6904503	Kerr	Trinity	GCD Recorder Well
6912206	Bandera	Edwards-Trinity (Plateau)	Other Cooperator Recorder Well
6919401	Real	Trinity	TWDB Recorder Well
6924225	Bandera	Trinity	TWDB Recorder Well
6932703	Medina	Edwards (Balcones Fault Zone)	Other Cooperator Recorder Well
6938601	Medina	Edwards (Balcones Fault Zone)	Other Cooperator Recorder Well
6950302	Uvalde	Edwards (Balcones Fault Zone)	GCD Recorder Well
7038902	Kinney	Edwards (Balcones Fault Zone)	TWDB Recorder Well

State well number	County	Aquifer	Recorder type
7702509	Zavala	Carrizo-Wilcox	TWDB Recorder Well
7708511	Frio	Carrizo-Wilcox	TWDB Recorder Well
7738103	La Salle	Carrizo-Wilcox	TWDB Recorder Well
7804508	Atascosa	Carrizo-Wilcox	TWDB Recorder Well
7910406	Karnes	Gulf Coast	TWDB Recorder Well
7934409	Bee	Gulf Coast	GCD Recorder Well
7950106	Live Oak	Gulf Coast	GCD Recorder Well
8017502	Victoria	Gulf Coast	TWDB Recorder Well
8326701	Kleberg	Gulf Coast	TWDB Recorder Well
8415702	Duval	Gulf Coast	TWDB Recorder Well
8438902	Duval	Gulf Coast	Other Cooperator Recorder Well
8739308	Hidalgo	Gulf Coast	TWDB Recorder Well
8860415	Cameron	Gulf Coast	TWDB Recorder Well
8455216	Brooks	Gulf Coast	TWDB Recorder Well
6519106	Fort Bend	Gulf Coast	Other Cooperator Recorder Well
5748505	Travis	Trinity	Other Cooperator Recorder Well
5755405	Hays	Trinity	GCD Recorder Well
5849326	Travis	Trinity	Other Cooperator Recorder Well
5763504	Hays	Trinity	GCD Recorder Well
1211128	Donley	Ogallala	GCD Recorder Well
2134448	Knox	Seymour	TWDB Recorder Well
7013906	Edwards	Edwards-Trinity (Plateau)	TWDB Recorder Well
5634505	Kimble	Edwards-Trinity (Plateau)	TWDB Recorder Well
5634504	Kimble	Edwards-Trinity (Plateau)	TWDB Recorder Well
6923402	Bandera	Trinity	Other Cooperator Recorder Well

Appendix II

TWDB NGWMN Water-level subnetwork wells added to High Plains, Rio Grande, and Blaine aquifers in Fiscal Year 2021

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0233501	High Plains aquifer system	180	Surveillance	Yes	
0239902	High Plains aquifer system	454	Surveillance	Yes	
0240403	High Plains aquifer system	454	Surveillance	Yes	
0240601	High Plains aquifer system	366	Surveillance	Yes	
0241304	High Plains aquifer system	NULL	Surveillance	Yes	
0242903	High Plains aquifer system	340	Surveillance	Yes	
0244601	High Plains aquifer system	366	Surveillance	Yes	
0245101	High Plains aquifer system	398	Surveillance	Yes	
0245301	High Plains aquifer system	400	Surveillance	Yes	
0247603	High Plains aquifer system	548	Surveillance	Yes	
0247609	High Plains aquifer system	510	Surveillance	Yes	
0248102	High Plains aquifer system	365	Surveillance	Yes	
0248901	High Plains aquifer system	396	Surveillance	Yes	
0249401	High Plains aquifer system	300	Surveillance	Yes	
0249704	High Plains aquifer system	250	Surveillance	Yes	
0249901	High Plains aquifer system	418	Surveillance	Yes	
0250701	High Plains aquifer system	358	Surveillance	Yes	
0251501	High Plains aquifer system	460	Surveillance	Yes	
0251702	High Plains aquifer system	524	Surveillance	Yes	
0252301	High Plains aquifer system	471	Surveillance	Yes	
0252801	High Plains aquifer system	484	Surveillance	Yes	
0253201	High Plains aquifer system	515	Surveillance	Yes	
0253601	High Plains aquifer system	455	Surveillance	Yes	
0254701	High Plains aquifer system	426	Surveillance	Yes	
0254802	High Plains aquifer system	445	Surveillance	Yes	
0255301	High Plains aquifer system	435	Surveillance	Yes	
0256601	High Plains aquifer system	439	Surveillance	Yes	
0256709	High Plains aquifer system	516	Surveillance	Yes	
0258102	High Plains aquifer system	430	Surveillance	Yes	
0258302	High Plains aquifer system	472	Surveillance	Yes	
0258701	High Plains aquifer system	562	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0258803	High Plains aquifer system	463	Surveillance	Yes	
0259802	High Plains aquifer system	NULL	Surveillance	Yes	
0259901	High Plains aquifer system	500	Surveillance	Yes	
0260201	High Plains aquifer system	500	Surveillance	Yes	
0261301	High Plains aquifer system	NULL	Surveillance	No	
0261501	High Plains aquifer system	500	Surveillance	Yes	
0261703	High Plains aquifer system	519	Surveillance	Yes	
0262401	High Plains aquifer system	504	Surveillance	Yes	
0262501	High Plains aquifer system	462	Surveillance	Yes	
0262702	High Plains aquifer system	530	Surveillance	No	
0263101	High Plains aquifer system	NULL	Surveillance	Yes	
0263201	High Plains aquifer system	500	Surveillance	Yes	
0263702	High Plains aquifer system	534	Surveillance	Yes	
0264303	High Plains aquifer system	466	Surveillance	Yes	
0264503	High Plains aquifer system	524	Surveillance	Yes	
0333101	High Plains aquifer system	428	Surveillance	Yes	
0333302	High Plains aquifer system	368	Surveillance	No	
0333501	High Plains aquifer system	440	Surveillance	Yes	
0333502	High Plains aquifer system	451	Surveillance	Yes	
0333504	High Plains aquifer system	440	Surveillance	Yes	
0333702	High Plains aquifer system	455	Surveillance	Yes	
0334102	High Plains aquifer system	286	Surveillance	Yes	
0334501	High Plains aquifer system	460	Surveillance	Yes	
0334801	High Plains aquifer system	355	Surveillance	Yes	
0335101	High Plains aquifer system	453	Surveillance	Yes	
0335303	High Plains aquifer system	425	Surveillance	Yes	
0335501	High Plains aquifer system	497	Surveillance	Yes	
0335903	High Plains aquifer system	480	Surveillance	Yes	
0336301	High Plains aquifer system	334	Surveillance	Yes	
0336401	High Plains aquifer system	NULL	Surveillance	Yes	
0336602	High Plains aquifer system	353	Surveillance	Yes	
0337109	High Plains aquifer system	NULL	Surveillance	Yes	
0337804	High Plains aquifer system	424	Surveillance	Yes	
0337901	High Plains aquifer system	420	Surveillance	Yes	
0338302	High Plains aquifer system	415	Surveillance	Yes	
0338401	High Plains aquifer system	420	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0338402	High Plains aquifer system	497	Surveillance	Yes	
0338601	High Plains aquifer system	518	Surveillance	Yes	
0338803	High Plains aquifer system	449	Surveillance	No	
0338901	High Plains aquifer system	500	Surveillance	Yes	
0339201	High Plains aquifer system	470	Surveillance	Yes	
0339901	High Plains aquifer system	283	Surveillance	Yes	
0340101	High Plains aquifer system	193	Surveillance	Yes	
0340701	High Plains aquifer system	125	Surveillance	Yes	
0340903	High Plains aquifer system	590	Surveillance	Yes	
0341502	High Plains aquifer system	355	Surveillance	No	
0341602	High Plains aquifer system	468	Surveillance	Yes	
0341801	High Plains aquifer system	416	Surveillance	Yes	
0341901	High Plains aquifer system	575	Surveillance	Yes	
0342403	High Plains aquifer system	510	Surveillance	Yes	
0344302	High Plains aquifer system	465	Surveillance	Yes	
0344501	High Plains aquifer system	314	Surveillance	Yes	
0344504	High Plains aquifer system	515	Surveillance	Yes	
0344703	High Plains aquifer system	484	Surveillance	Yes	
0344704	High Plains aquifer system	528	Surveillance	Yes	
0344801	High Plains aquifer system	508	Surveillance	Yes	
0345304	High Plains aquifer system	486	Surveillance	Yes	
0345904	High Plains aquifer system	490	Surveillance	Yes	
0346225	High Plains aquifer system	NULL	Surveillance	No	
0346302	High Plains aquifer system	530	Surveillance	Yes	
0347104	High Plains aquifer system	529	Surveillance	Yes	
0347601	High Plains aquifer system	656	Surveillance	Yes	
0347902	High Plains aquifer system	NULL	Surveillance	Yes	
0348202	High Plains aquifer system	299	Surveillance	Yes	
0348203	High Plains aquifer system	545	Surveillance	Yes	
0348302	High Plains aquifer system	545	Surveillance	Yes	
0348404	High Plains aquifer system	389	Surveillance	Yes	
0348601	High Plains aquifer system	591	Surveillance	Yes	
0348802	High Plains aquifer system	442	Surveillance	Yes	
0348906	High Plains aquifer system	480	Surveillance	Yes	
0349101	High Plains aquifer system	460	Surveillance	Yes	
0349401	High Plains aquifer system	363	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0349501	High Plains aquifer system	346	Surveillance	Yes	
0349601	High Plains aquifer system	NULL	Surveillance	Yes	
0350601	High Plains aquifer system	405	Surveillance	Yes	
0351603	High Plains aquifer system	430	Surveillance	Yes	
0351604	High Plains aquifer system	520	Surveillance	Yes	
0352301	High Plains aquifer system	379	Surveillance	Yes	
0352302	High Plains aquifer system	542	Surveillance	Yes	
0352402	High Plains aquifer system	324	Surveillance	Yes	
0352702	High Plains aquifer system	548	Surveillance	Yes	
0352804	High Plains aquifer system	470	Surveillance	Yes	
0352902	High Plains aquifer system	485	Surveillance	Yes	
0353101	High Plains aquifer system	300	Surveillance	Yes	
0353201	High Plains aquifer system	420	Surveillance	Yes	
0353305	High Plains aquifer system	600	Surveillance	Yes	
0353502	High Plains aquifer system	525	Surveillance	Yes	
0353605	High Plains aquifer system	505	Surveillance	No	0353607
0353803	High Plains aquifer system	355	Surveillance	Yes	
0353901	High Plains aquifer system	324	Surveillance	Yes	
0354102	High Plains aquifer system	467	Surveillance	Yes	
0354401	High Plains aquifer system	205	Surveillance	Yes	
0354501	High Plains aquifer system	461	Surveillance	Yes	
0354602	High Plains aquifer system	720	Surveillance	Yes	
0355101	High Plains aquifer system	485	Surveillance	Yes	
0355408	High Plains aquifer system	638	Surveillance	Yes	
0355409	High Plains aquifer system	626	Surveillance	Yes	
0355705	High Plains aquifer system	634	Surveillance	Yes	
0355804	High Plains aquifer system	545	Surveillance	Yes	
0356101	High Plains aquifer system	494	Surveillance	Yes	
0356201	High Plains aquifer system	550	Surveillance	Yes	
0356307	High Plains aquifer system	NULL	Surveillance	Yes	
0356501	High Plains aquifer system	500	Surveillance	Yes	
0356601	High Plains aquifer system	467	Surveillance	Yes	
0357501	High Plains aquifer system	400	Surveillance	Yes	
0357602	High Plains aquifer system	526	Surveillance	Yes	
0359607	High Plains aquifer system	NULL	Surveillance	Yes	
0359703	High Plains aquifer system	440	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0359809	High Plains aquifer system	433	Surveillance	Yes	
0360401	High Plains aquifer system	310	Surveillance	Yes	
0360501	High Plains aquifer system	384	Surveillance	Yes	
0361704	High Plains aquifer system	265	Surveillance	Yes	
0362102	High Plains aquifer system	400	Surveillance	Yes	
0362203	High Plains aquifer system	399	Surveillance	Yes	
0362706	High Plains aquifer system	484	Surveillance	Yes	
0362801	High Plains aquifer system	514	Surveillance	Yes	
0363401	High Plains aquifer system	515	Surveillance	Yes	
0363503	High Plains aquifer system	718	Surveillance	Yes	
0363601	High Plains aquifer system	518	Surveillance	Yes	
0364502	High Plains aquifer system	610	Surveillance	Yes	
0364602	High Plains aquifer system	758	Surveillance	Yes	
0364904	High Plains aquifer system	NULL	Surveillance	Yes	
0364905	High Plains aquifer system	520	Surveillance	No	
0433301	High Plains aquifer system	340	Surveillance	Yes	
0434701	High Plains aquifer system	502	Surveillance	Yes	
0435201	High Plains aquifer system	355	Surveillance	Yes	
0435302	High Plains aquifer system	300	Surveillance	Yes	
0435701	High Plains aquifer system	390	Surveillance	Yes	
0435702	High Plains aquifer system	362	Surveillance	Yes	
0436204	High Plains aquifer system	518	Surveillance	Yes	
0436704	High Plains aquifer system	449	Surveillance	Yes	
0436802	High Plains aquifer system	413	Surveillance	Yes	
0437401	High Plains aquifer system	520	Surveillance	Yes	
0437501	High Plains aquifer system	NULL	Surveillance	Yes	
0437601	High Plains aquifer system	NULL	Surveillance	Yes	
0437801	High Plains aquifer system	378	Surveillance	Yes	
0438301	High Plains aquifer system	NULL	Surveillance	Yes	
0439601	High Plains aquifer system	NULL	Surveillance	Yes	
0439603	High Plains aquifer system	378	Surveillance	Yes	
0439902	High Plains aquifer system	NULL	Surveillance	Yes	
0440201	High Plains aquifer system	NULL	Surveillance	Yes	
0440301	High Plains aquifer system	411	Surveillance	Yes	
0440704	High Plains aquifer system	365	Surveillance	Yes	
0440802	High Plains aquifer system	454	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0441105	High Plains aquifer system	583	Surveillance	Yes	
0441206	High Plains aquifer system	761	Surveillance	Yes	
0441502	High Plains aquifer system	340	Surveillance	Yes	
0441801	High Plains aquifer system	400	Surveillance	Yes	
0442102	High Plains aquifer system	365	Surveillance	Yes	
0443402	High Plains aquifer system	410	Surveillance	Yes	
0443901	High Plains aquifer system	560	Surveillance	Yes	
0445901	High Plains aquifer system	323	Surveillance	Yes	
0446102	High Plains aquifer system	474	Surveillance	Yes	
0446301	High Plains aquifer system	545	Surveillance	Yes	
0446403	High Plains aquifer system	NULL	Surveillance	Yes	
0446901	High Plains aquifer system	NULL	Surveillance	Yes	
0447101	High Plains aquifer system	NULL	Surveillance	Yes	
0447102	High Plains aquifer system	347	Surveillance	Yes	
0447403	High Plains aquifer system	NULL	Surveillance	Yes	
0447601	High Plains aquifer system	360	Surveillance	Yes	
0448103	High Plains aquifer system	456	Surveillance	Yes	
0448601	High Plains aquifer system	311	Surveillance	Yes	
0448710	High Plains aquifer system	NULL	Surveillance	Yes	
0448901	High Plains aquifer system	350	Surveillance	Yes	
0449402	High Plains aquifer system	645	Surveillance	Yes	
0449703	High Plains aquifer system	741	Surveillance	Yes	
0449803	High Plains aquifer system	730	Surveillance	Yes	
0450201	High Plains aquifer system	462	Surveillance	Yes	
0450502	High Plains aquifer system	599	Surveillance	Yes	
0450802	High Plains aquifer system	541	Surveillance	Yes	
0451501	High Plains aquifer system	410	Surveillance	Yes	
0452101	High Plains aquifer system	232	Surveillance	Yes	
0455301	High Plains aquifer system	190	Surveillance	Yes	
0456701	High Plains aquifer system	538	Surveillance	Yes	
0456702	High Plains aquifer system	598	Surveillance	No	
0457603	High Plains aquifer system	NULL	Surveillance	Yes	
0457701	High Plains aquifer system	NULL	Surveillance	Yes	
0457810	High Plains aquifer system	NULL	Surveillance	Yes	
0458902	High Plains aquifer system	410	Surveillance	Yes	
0459701	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0459902	High Plains aquifer system	NULL	Surveillance	Yes	
0459903	High Plains aquifer system	NULL	Surveillance	Yes	
0460101	High Plains aquifer system	593	Surveillance	Yes	
0460701	High Plains aquifer system	209	Surveillance	Yes	
0460801	High Plains aquifer system	200	Surveillance	Yes	
0461801	High Plains aquifer system	220	Surveillance	Yes	
0462703	High Plains aquifer system	450	Surveillance	Yes	
0462910	High Plains aquifer system	NULL	Surveillance	Yes	
0462950	High Plains aquifer system	NULL	Surveillance	Yes	
0464101	High Plains aquifer system	542	Surveillance	Yes	
0464802	High Plains aquifer system	NULL	Surveillance	Yes	
0501101	High Plains aquifer system	140	Surveillance	Yes	
0501401	High Plains aquifer system	63	Surveillance	Yes	
0501601	High Plains aquifer system	NULL	Surveillance	Yes	
0501950	High Plains aquifer system	595	Surveillance	Yes	
0502103	High Plains aquifer system	140	Surveillance	Yes	
0502204	High Plains aquifer system	150	Surveillance	Yes	
0502301	High Plains aquifer system	NULL	Surveillance	Yes	
0502502	High Plains aquifer system	183	Surveillance	Yes	
0502550	High Plains aquifer system	155	Surveillance	Yes	
0502702	High Plains aquifer system	97	Surveillance	Yes	
0502801	High Plains aquifer system	230	Surveillance	Yes	
0503401	High Plains aquifer system	195	Surveillance	Yes	
0503502	High Plains aquifer system	NULL	Surveillance	Yes	
0503601	High Plains aquifer system	185	Surveillance	Yes	
0503701	High Plains aquifer system	145	Surveillance	Yes	
0504302	High Plains aquifer system	150	Surveillance	Yes	
0504401	High Plains aquifer system	200	Surveillance	Yes	
0504402	High Plains aquifer system	240	Surveillance	Yes	
0504502	High Plains aquifer system	255	Surveillance	Yes	
0504801	High Plains aquifer system	320	Surveillance	Yes	
0505202	High Plains aquifer system	213	Surveillance	No	
0505301	High Plains aquifer system	451	Surveillance	Yes	
0505601	High Plains aquifer system	NULL	Surveillance	Yes	
0505604	High Plains aquifer system	NULL	Surveillance	Yes	
0505901	High Plains aquifer system	114	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0505906	High Plains aquifer system	263	Surveillance	Yes	
0505955	High Plains aquifer system	NULL	Surveillance	Yes	
0506152	High Plains aquifer system	NULL	Surveillance	No	
0506250	High Plains aquifer system	NULL	Surveillance	Yes	
0506650	High Plains aquifer system	NULL	Surveillance	Yes	
0506802	High Plains aquifer system	NULL	Surveillance	Yes	
0506902	High Plains aquifer system	181	Surveillance	Yes	
0507203	High Plains aquifer system	NULL	Surveillance	Yes	
0507501	High Plains aquifer system	NULL	Surveillance	Yes	
0507904	High Plains aquifer system	NULL	Surveillance	Yes	
0508301	High Plains aquifer system	160	Surveillance	Yes	
0508503	High Plains aquifer system	140	Surveillance	Yes	
0508805	High Plains aquifer system	NULL	Surveillance	Yes	
0509202	High Plains aquifer system	584	Surveillance	Yes	
0509302	High Plains aquifer system	NULL	Surveillance	No	
0509552	High Plains aquifer system	480	Surveillance	Yes	
0509553	High Plains aquifer system	580	Trend	Yes	
0509604	High Plains aquifer system	NULL	Surveillance	Yes	
0509605	High Plains aquifer system	470	Surveillance	Yes	
0509750	High Plains aquifer system	698	Surveillance	Yes	
0509757	High Plains aquifer system	698	Surveillance	Yes	
0509805	High Plains aquifer system	482	Surveillance	Yes	
0510401	High Plains aquifer system	NULL	Surveillance	Yes	
0510402	High Plains aquifer system	NULL	Surveillance	Yes	
0510701	High Plains aquifer system	728	Surveillance	Yes	
0510901	High Plains aquifer system	218	Surveillance	No	
0510952	High Plains aquifer system	NULL	Surveillance	Yes	
0511101	High Plains aquifer system	343	Surveillance	Yes	
0511201	High Plains aquifer system	485	Surveillance	Yes	
0511501	High Plains aquifer system	518	Surveillance	Yes	
0511702	High Plains aquifer system	721	Surveillance	Yes	
0511901	High Plains aquifer system	520	Surveillance	Yes	
0512102	High Plains aquifer system	NULL	Surveillance	Yes	
0512650	High Plains aquifer system	NULL	Surveillance	No	
0512904	High Plains aquifer system	90	Surveillance	Yes	
0513101	High Plains aquifer system	203	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0513401	High Plains aquifer system	NULL	Surveillance	No	
0513403	High Plains aquifer system	NULL	Surveillance	No	
0513903	High Plains aquifer system	451	Surveillance	Yes	
0514150	High Plains aquifer system	NULL	Surveillance	Yes	
0514505	High Plains aquifer system	316	Surveillance	Yes	
0515101	High Plains aquifer system	90	Surveillance	Yes	
0515505	High Plains aquifer system	203	Surveillance	Yes	
0515506	High Plains aquifer system	NULL	Surveillance	Yes	
0516402	High Plains aquifer system	156	Surveillance	No	
0516409	High Plains aquifer system	NULL	Surveillance	Yes	
0516410	High Plains aquifer system	NULL	Surveillance	Yes	
0517203	High Plains aquifer system	466	Trend	Yes	
0517350	High Plains aquifer system	510	Surveillance	Yes	
0517852	High Plains aquifer system	NULL	Surveillance	Yes	
0517901	High Plains aquifer system	650	Surveillance	Yes	
0518250	High Plains aquifer system	637	Surveillance	Yes	
0518704	High Plains aquifer system	603	Surveillance	Yes	
0519601	High Plains aquifer system	NULL	Surveillance	No	0519507
0520104	High Plains aquifer system	340	Surveillance	Yes	
0520203	High Plains aquifer system	203	Surveillance	Yes	
0520302	High Plains aquifer system	280	Surveillance	Yes	
0520402	High Plains aquifer system	360	Surveillance	Yes	
0520750	High Plains aquifer system	NULL	Surveillance	Yes	
0520802	High Plains aquifer system	475	Surveillance	Yes	
0521302	High Plains aquifer system	260	Surveillance	Yes	
0521405	High Plains aquifer system	314	Surveillance	Yes	
0521502	High Plains aquifer system	175	Surveillance	Yes	
0521601	High Plains aquifer system	323	Surveillance	Yes	
0521802	High Plains aquifer system	505	Surveillance	Yes	
0521950	High Plains aquifer system	NULL	Surveillance	No	
0522501	High Plains aquifer system	200	Surveillance	Yes	
0522601	High Plains aquifer system	263	Surveillance	Yes	
0522901	High Plains aquifer system	120	Surveillance	Yes	
0523101	High Plains aquifer system	255	Surveillance	Yes	
0523601	High Plains aquifer system	245	Surveillance	Yes	
0523701	High Plains aquifer system	303	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0523801	High Plains aquifer system	100	Surveillance	No	
0524201	High Plains aquifer system	98	Surveillance	Yes	
0524502	High Plains aquifer system	170	Surveillance	Yes	
0525102	High Plains aquifer system	565	Surveillance	Yes	
0525502	High Plains aquifer system	630	Surveillance	Yes	
0525601	High Plains aquifer system	660	Surveillance	Yes	
0525904	High Plains aquifer system	440	Surveillance	Yes	
0526401	High Plains aquifer system	540	Surveillance	No	
0526802	High Plains aquifer system	NULL	Surveillance	Yes	
0526853	High Plains aquifer system	400	Surveillance	Yes	
0527102	High Plains aquifer system	550	Surveillance	Yes	
0527501	High Plains aquifer system	566	Surveillance	Yes	
0527602	High Plains aquifer system	521	Surveillance	Yes	
0527703	High Plains aquifer system	569	Surveillance	Yes	
0527802	High Plains aquifer system	599	Surveillance	Yes	
0527901	High Plains aquifer system	550	Surveillance	Yes	
0528203	High Plains aquifer system	640	Surveillance	Yes	
0528303	High Plains aquifer system	390	Surveillance	Yes	
0528401	High Plains aquifer system	567	Surveillance	Yes	
0528501	High Plains aquifer system	413	Surveillance	Yes	
0528602	High Plains aquifer system	427	Surveillance	Yes	
0528701	High Plains aquifer system	137	Surveillance	Yes	
0528906	High Plains aquifer system	NULL	Surveillance	Yes	
0529201	High Plains aquifer system	280	Surveillance	Yes	
0529301	High Plains aquifer system	335	Surveillance	No	0529314
0529302	High Plains aquifer system	308	Surveillance	No	0529309
0529307	High Plains aquifer system	368	Surveillance	Yes	
0529404	High Plains aquifer system	NULL	Surveillance	Yes	
0529609	High Plains aquifer system	NULL	Surveillance	Yes	
0529711	High Plains aquifer system	270	Surveillance	Yes	
0529714	High Plains aquifer system	NULL	Surveillance	No	
0529812	High Plains aquifer system	99	Surveillance	Yes	
0529817	High Plains aquifer system	268	Surveillance	Yes	
0529818	High Plains aquifer system	308	Surveillance	Yes	
0529820	High Plains aquifer system	250	Surveillance	Yes	
0530124	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0530304	High Plains aquifer system	254	Surveillance	Yes	
0530501	High Plains aquifer system	153	Surveillance	Yes	
0530801	High Plains aquifer system	93	Surveillance	Yes	
0530903	High Plains aquifer system	280	Surveillance	Yes	
0531305	High Plains aquifer system	367	Surveillance	Yes	
0531307	High Plains aquifer system	280	Surveillance	No	0531308
0531904	High Plains aquifer system	NULL	Surveillance	Yes	
0532107	High Plains aquifer system	202	Surveillance	Yes	
0532203	High Plains aquifer system	197	Surveillance	Yes	
0532352	High Plains aquifer system	NULL	Surveillance	Yes	
0532601	High Plains aquifer system	111	Surveillance	Yes	
0532804	High Plains aquifer system	NULL	Surveillance	Yes	
0532904	High Plains aquifer system	NULL	Surveillance	Yes	
0533604	High Plains aquifer system	260	Surveillance	Yes	
0533802	High Plains aquifer system	508	Surveillance	Yes	
0534101	High Plains aquifer system	257	Surveillance	Yes	
0534204	High Plains aquifer system	273	Surveillance	Yes	
0534401	High Plains aquifer system	309	Surveillance	No	
0534451	High Plains aquifer system	NULL	Surveillance	Yes	
0534606	High Plains aquifer system	871	Surveillance	Yes	
0534703	High Plains aquifer system	257	Surveillance	Yes	
0535302	High Plains aquifer system	112	Surveillance	Yes	
0535403	High Plains aquifer system	217	Surveillance	Yes	
0535603	High Plains aquifer system	88	Surveillance	Yes	
0535802	High Plains aquifer system	141	Surveillance	Yes	
0536102	High Plains aquifer system	175	Surveillance	Yes	
0536201	High Plains aquifer system	216	Surveillance	Yes	
0536301	High Plains aquifer system	135	Surveillance	Yes	
0536402	High Plains aquifer system	60	Surveillance	Yes	
0537101	High Plains aquifer system	120	Surveillance	Yes	
0537102	High Plains aquifer system	74	Surveillance	Yes	
0537311	High Plains aquifer system	130	Surveillance	Yes	
0537505	High Plains aquifer system	141	Surveillance	Yes	
0538101	High Plains aquifer system	140	Surveillance	Yes	
0538108	High Plains aquifer system	173	Surveillance	No	0538115
0538408	High Plains aquifer system	205	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0538510	High Plains aquifer system	128	Surveillance	No	
0538511	High Plains aquifer system	126	Surveillance	Yes	
0538610	High Plains aquifer system	165	Surveillance	Yes	
0538615	High Plains aquifer system	200	Surveillance	Yes	
0539110	High Plains aquifer system	NULL	Surveillance	Yes	
0539408	High Plains aquifer system	110	Surveillance	Yes	
0539504	High Plains aquifer system	120	Surveillance	Yes	
0539552	High Plains aquifer system	NULL	Surveillance	Yes	
0539905	High Plains aquifer system	129	Surveillance	Yes	
0541101	High Plains aquifer system	450	Surveillance	Yes	
0541403	High Plains aquifer system	570	Surveillance	Yes	
0541701	High Plains aquifer system	400	Surveillance	No	0541710
0542202	High Plains aquifer system	298	Surveillance	Yes	
0542301	High Plains aquifer system	165	Surveillance	Yes	
0542401	High Plains aquifer system	218	Surveillance	Yes	
0542702	High Plains aquifer system	220	Surveillance	Yes	
0542801	High Plains aquifer system	105	Surveillance	Yes	
0543703	High Plains aquifer system	152	Surveillance	Yes	
0543705	High Plains aquifer system	122	Surveillance	Yes	
0544102	High Plains aquifer system	215	Surveillance	Yes	
0544305	High Plains aquifer system	172	Surveillance	Yes	
0544610	High Plains aquifer system	230	Surveillance	Yes	
0544703	High Plains aquifer system	199	Surveillance	Yes	
0544705	High Plains aquifer system	150	Surveillance	Yes	
0544714	High Plains aquifer system	200	Surveillance	Yes	
0544801	High Plains aquifer system	162	Surveillance	Yes	
0544906	High Plains aquifer system	200	Surveillance	Yes	
0545103	High Plains aquifer system	71	Surveillance	Yes	
0545204	Other	225	Surveillance	Yes	
0545305	Other	180	Surveillance	Yes	
0545408	High Plains aquifer system	200	Surveillance	Yes	
0545505	High Plains aquifer system	150	Surveillance	Yes	
0546704	Blaine aquifer system	200	Surveillance	Yes	
0549906	High Plains aquifer system	NULL	Surveillance	Yes	
0550202	High Plains aquifer system	200	Surveillance	Yes	
0550204	High Plains aquifer system	100	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0550302	High Plains aquifer system	228	Surveillance	No	
0550402	High Plains aquifer system	175	Surveillance	Yes	
0550502	High Plains aquifer system	155	Surveillance	Yes	
0550701	High Plains aquifer system	160	Surveillance	Yes	
0550801	High Plains aquifer system	144	Surveillance	Yes	
0550903	High Plains aquifer system	265	Surveillance	Yes	
0551103	High Plains aquifer system	220	Surveillance	Yes	
0551202	High Plains aquifer system	268	Surveillance	Yes	
0551203	High Plains aquifer system	182	Surveillance	Yes	
0551303	High Plains aquifer system	124	Surveillance	Yes	
0551304	High Plains aquifer system	88	Surveillance	Yes	
0551801	High Plains aquifer system	140	Surveillance	Yes	
0552303	High Plains aquifer system	75	Surveillance	No	
0552308	High Plains aquifer system	133	Surveillance	Yes	
0552401	High Plains aquifer system	97	Surveillance	Yes	
0552452	High Plains aquifer system	143	Surveillance	Yes	
0552552	Other	NULL	Surveillance	No	
0552603	High Plains aquifer system	86	Surveillance	Yes	
0552851	High Plains aquifer system	NULL	Surveillance	Yes	
0553102	High Plains aquifer system	200	Surveillance	Yes	
0553302	High Plains aquifer system	140	Surveillance	Yes	
0553307	High Plains aquifer system	98	Surveillance	Yes	
0553404	High Plains aquifer system	79	Surveillance	Yes	
0553450	High Plains aquifer system	180	Surveillance	Yes	
0555605	Blaine aquifer system	87	Surveillance	Yes	
0556304	Blaine aquifer system	67	Surveillance	Yes	
0557101	High Plains aquifer system	250	Surveillance	Yes	
0557512	High Plains aquifer system	NULL	Surveillance	Yes	
0557803	High Plains aquifer system	132	Surveillance	Yes	
0558101	High Plains aquifer system	148	Surveillance	Yes	
0558303	High Plains aquifer system	90	Surveillance	Yes	
0558403	High Plains aquifer system	NULL	Surveillance	Yes	
0559403	High Plains aquifer system	93	Surveillance	Yes	
0562202	Blaine aquifer system	134	Surveillance	Yes	
0562805	Blaine aquifer system	198	Surveillance	Yes	
0562904	Blaine aquifer system	180	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0563407	Blaine aquifer system	150	Surveillance	Yes	
0563610	Blaine aquifer system	60	Surveillance	Yes	
0563812	Blaine aquifer system	120	Surveillance	Yes	
0563813	Blaine aquifer system	105	Surveillance	Yes	
0564804	Blaine aquifer system	179	Surveillance	Yes	
0601201	High Plains aquifer system	308	Surveillance	Yes	
0601803	High Plains aquifer system	435	Surveillance	Yes	
0602114	High Plains aquifer system	477	Surveillance	Yes	
0602701	High Plains aquifer system	417	Surveillance	Yes	
0602902	High Plains aquifer system	494	Surveillance	Yes	
0602903	High Plains aquifer system	466	Surveillance	Yes	
0603203	High Plains aquifer system	NULL	Surveillance	Yes	
0603402	High Plains aquifer system	398	Surveillance	Yes	
0603803	High Plains aquifer system	459	Surveillance	Yes	
0604102	High Plains aquifer system	362	Surveillance	Yes	
0604903	High Plains aquifer system	520	Surveillance	Yes	
0605502	High Plains aquifer system	508	Surveillance	Yes	
0605601	High Plains aquifer system	532	Surveillance	Yes	
0605701	High Plains aquifer system	566	Surveillance	Yes	
0605802	High Plains aquifer system	609	Surveillance	Yes	
0607102	High Plains aquifer system	517	Surveillance	No	
0607801	High Plains aquifer system	60	Surveillance	Yes	
0608201	High Plains aquifer system	180	Surveillance	Yes	
0608501	High Plains aquifer system	135	Surveillance	Yes	
0608601	High Plains aquifer system	70	Surveillance	Yes	
0609312	High Plains aquifer system	NULL	Surveillance	Yes	
0610102	High Plains aquifer system	468	Surveillance	Yes	
0610601	High Plains aquifer system	160	Surveillance	No	0609401
0611103	High Plains aquifer system	470	Surveillance	Yes	
0611601	High Plains aquifer system	429	Surveillance	Yes	
0612102	High Plains aquifer system	362	Surveillance	No	0612105
0612701	High Plains aquifer system	NULL	Surveillance	Yes	
0613501	High Plains aquifer system	120	Surveillance	No	0623703
0614401	High Plains aquifer system	163	Surveillance	Yes	
0615902	High Plains aquifer system	NULL	Surveillance	Yes	
0616201	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0616301	High Plains aquifer system	495	Surveillance	Yes	
0616352	High Plains aquifer system	510	Surveillance	Yes	
0616401	High Plains aquifer system	NULL	Surveillance	Yes	
0616702	High Plains aquifer system	560	Trend	Yes	
0616801	High Plains aquifer system	493	Surveillance	Yes	
0616904	High Plains aquifer system	460	Surveillance	Yes	
0617601	High Plains aquifer system	412	Surveillance	Yes	
0618501	High Plains aquifer system	180	Surveillance	Yes	
0622901	High Plains aquifer system	180	Surveillance	Yes	
0623201	High Plains aquifer system	232	Surveillance	Yes	
0623205	High Plains aquifer system	NULL	Surveillance	Yes	
0623301	High Plains aquifer system	NULL	Surveillance	Yes	
0623303	High Plains aquifer system	NULL	Surveillance	Yes	
0623802	High Plains aquifer system	NULL	Surveillance	Yes	
0624203	High Plains aquifer system	NULL	Surveillance	Yes	
0624353	High Plains aquifer system	698	Surveillance	Yes	
0624357	High Plains aquifer system	545	Surveillance	No	
0624358	High Plains aquifer system	385	Surveillance	No	
0624601	High Plains aquifer system	475	Surveillance	Yes	
0624602	High Plains aquifer system	569	Surveillance	Yes	
0624901	High Plains aquifer system	NULL	Surveillance	Yes	
0625302	High Plains aquifer system	NULL	Surveillance	Yes	
0625501	High Plains aquifer system	NULL	Surveillance	Yes	
0625601	High Plains aquifer system	NULL	Surveillance	Yes	
0627504	High Plains aquifer system	80	Surveillance	Yes	
0627605	High Plains aquifer system	NULL	Surveillance	Yes	
0628102	High Plains aquifer system	272	Surveillance	Yes	
0628601	High Plains aquifer system	164	Surveillance	Yes	
0628701	High Plains aquifer system	468	Surveillance	Yes	
0630901	High Plains aquifer system	735	Surveillance	Yes	
0631203	High Plains aquifer system	416	Surveillance	Yes	
0631301	High Plains aquifer system	303	Surveillance	Yes	
0631957	High Plains aquifer system	NULL	Surveillance	Yes	
0632606	High Plains aquifer system	637	Surveillance	Yes	
0632702	High Plains aquifer system	512	Surveillance	No	0632713
0633201	Other	NULL	Surveillance	No	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0635401	High Plains aquifer system	NULL	Surveillance	Yes	
0635801	Other	444	Surveillance	No	
0636602	High Plains aquifer system	767	Surveillance	Yes	
0636608	High Plains aquifer system	770	Surveillance	Yes	
0636610	High Plains aquifer system	NULL	Surveillance	Yes	
0636703	High Plains aquifer system	763	Surveillance	No	
0636707	High Plains aquifer system	800	Surveillance	Yes	
0636807	High Plains aquifer system	749	Surveillance	No	0644618
0636808	High Plains aquifer system	759	Surveillance	Yes	
0636809	High Plains aquifer system	760	Surveillance	Yes	
0636811	High Plains aquifer system	820	Surveillance	No	0636828
0636812	High Plains aquifer system	760	Surveillance	Yes	
0636816	High Plains aquifer system	856	Surveillance	No	0631701
0636817	High Plains aquifer system	789	Surveillance	No	0636712
0636818	High Plains aquifer system	732	Surveillance	Yes	
0636819	High Plains aquifer system	845	Surveillance	Yes	
0636820	High Plains aquifer system	708	Surveillance	No	
0636905	High Plains aquifer system	862	Surveillance	Yes	
0636909	High Plains aquifer system	765	Surveillance	No	0636951
0636910	High Plains aquifer system	801	Surveillance	No	
0636912	High Plains aquifer system	747	Surveillance	Yes	
0636913	High Plains aquifer system	766	Surveillance	Yes	
0636919	High Plains aquifer system	755	Surveillance	Yes	
0636921	High Plains aquifer system	812	Surveillance	Yes	
0636922	High Plains aquifer system	748	Surveillance	No	
0637405	High Plains aquifer system	725	Surveillance	Yes	
0637458	High Plains aquifer system	620	Surveillance	Yes	
0637502	High Plains aquifer system	NULL	Surveillance	Yes	
0637705	High Plains aquifer system	780	Surveillance	No	
0637710	High Plains aquifer system	685	Surveillance	Yes	
0637912	High Plains aquifer system	800	Surveillance	No	
0638501	High Plains aquifer system	550	Surveillance	No	
0638601	High Plains aquifer system	447	Surveillance	Yes	
0638701	High Plains aquifer system	554	Surveillance	Yes	
0638711	High Plains aquifer system	667	Surveillance	Yes	
0638811	High Plains aquifer system	760	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0638913	High Plains aquifer system	547	Surveillance	No	
0638916	High Plains aquifer system	755	Surveillance	Yes	
0639301	High Plains aquifer system	473	Surveillance	Yes	
0639501	High Plains aquifer system	496	Surveillance	Yes	
0639605	High Plains aquifer system	510	Surveillance	Yes	
0639606	High Plains aquifer system	NULL	Surveillance	Yes	
0639607	High Plains aquifer system	NULL	Surveillance	No	
0639608	High Plains aquifer system	NULL	Surveillance	Yes	
0639865	High Plains aquifer system	690	Surveillance	Yes	
0639909	High Plains aquifer system	660	Surveillance	Yes	
0639956	High Plains aquifer system	630	Surveillance	Yes	
0640205	High Plains aquifer system	519	Surveillance	Yes	
0640306	High Plains aquifer system	500	Surveillance	Yes	
0640802	High Plains aquifer system	540	Surveillance	Yes	
0642409	Other	NULL	Surveillance	No	
0643606	High Plains aquifer system	385	Surveillance	Yes	
0643901	Other	530	Surveillance	No	
0644102	High Plains aquifer system	743	Trend	Yes	
0644205	High Plains aquifer system	791	Surveillance	Yes	
0644306	High Plains aquifer system	643	Surveillance	Yes	
0644311	High Plains aquifer system	650	Surveillance	Yes	
0644315	High Plains aquifer system	700	Surveillance	No	
0644656	High Plains aquifer system	500	Surveillance	Yes	
0644763	High Plains aquifer system	296	Surveillance	Yes	
0644766	Other	NULL	Surveillance	No	
0644767	High Plains aquifer system	275	Surveillance	Yes	
0644768	High Plains aquifer system	350	Surveillance	Yes	
0644853	High Plains aquifer system	372	Surveillance	Yes	
0644959	High Plains aquifer system	230	Surveillance	Yes	
0645201	High Plains aquifer system	667	Surveillance	Yes	
0645305	High Plains aquifer system	782	Surveillance	No	0646805
0645510	High Plains aquifer system	566	Surveillance	No	
0646162	High Plains aquifer system	718	Surveillance	Yes	
0646205	High Plains aquifer system	667	Surveillance	No	
0646302	High Plains aquifer system	511	Surveillance	Yes	
0646304	High Plains aquifer system	712	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0646412	High Plains aquifer system	680	Surveillance	Yes	
0646504	High Plains aquifer system	605	Surveillance	Yes	
0646552	High Plains aquifer system	592	Surveillance	Yes	
0646601	High Plains aquifer system	535	Surveillance	Yes	
0646701	High Plains aquifer system	430	Surveillance	Yes	
0646757	High Plains aquifer system	610	Surveillance	Yes	
0646904	High Plains aquifer system	547	Surveillance	Yes	
0647205	High Plains aquifer system	501	Surveillance	Yes	
0647308	High Plains aquifer system	410	Surveillance	Yes	
0647401	High Plains aquifer system	485	Surveillance	No	0647409
0647554	High Plains aquifer system	410	Surveillance	Yes	
0647604	High Plains aquifer system	418	Surveillance	Yes	
0647806	High Plains aquifer system	579	Surveillance	Yes	
0648205	High Plains aquifer system	470	Surveillance	Yes	
0649311	Other	NULL	Surveillance	No	
0650209	High Plains aquifer system	312	Surveillance	Yes	
0650604	Other	NULL	Surveillance	No	
0651301	High Plains aquifer system	311	Surveillance	Yes	
0651601	Other	NULL	Surveillance	No	
0652101	High Plains aquifer system	260	Surveillance	Yes	
0652301	High Plains aquifer system	243	Surveillance	Yes	
0652501	High Plains aquifer system	263	Surveillance	Yes	
0652704	Other	NULL	Surveillance	No	
0652707	Other	NULL	Surveillance	No	
0652801	Other	250	Surveillance	Yes	
0653403	High Plains aquifer system	223	Surveillance	Yes	
0653703	High Plains aquifer system	230	Surveillance	Yes	
0654606	High Plains aquifer system	426	Surveillance	No	0654605
0654701	High Plains aquifer system	299	Surveillance	Yes	
0654752	High Plains aquifer system	NULL	Surveillance	Yes	
0654801	High Plains aquifer system	332	Surveillance	Yes	
0655113	High Plains aquifer system	NULL	Surveillance	Yes	
0655156	High Plains aquifer system	NULL	Surveillance	Yes	
0655511	High Plains aquifer system	NULL	Surveillance	Yes	
0655615	High Plains aquifer system	448	Surveillance	Yes	
0655617	High Plains aquifer system	452	Surveillance	No	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0655801	High Plains aquifer system	147	Surveillance	No	0654611
0656108	High Plains aquifer system	423	Surveillance	Yes	
0656404	High Plains aquifer system	520	Surveillance	Yes	
0656506	High Plains aquifer system	505	Surveillance	Yes	
0657202	High Plains aquifer system	257	Surveillance	Yes	
0657304	High Plains aquifer system	228	Surveillance	Yes	
0657421	High Plains aquifer system	262	Surveillance	Yes	
0657505	High Plains aquifer system	290	Surveillance	Yes	
0657535	High Plains aquifer system	225	Surveillance	Yes	
0657716	High Plains aquifer system	202	Surveillance	Yes	
0657802	High Plains aquifer system	230	Surveillance	Yes	
0658601	High Plains aquifer system	250	Surveillance	Yes	
0659101	High Plains aquifer system	NULL	Surveillance	Yes	
0659104	High Plains aquifer system	280	Surveillance	No	0659504
0659307	High Plains aquifer system	321	Surveillance	Yes	
0660106	Other	NULL	Surveillance	No	
0660202	High Plains aquifer system	199	Surveillance	Yes	
0660502	High Plains aquifer system	NULL	Surveillance	Yes	
0661101	High Plains aquifer system	284	Surveillance	Yes	
0661204	High Plains aquifer system	238	Surveillance	Yes	
0661301	High Plains aquifer system	304	Surveillance	Yes	
0661311	High Plains aquifer system	265	Surveillance	Yes	
0661601	High Plains aquifer system	212	Surveillance	Yes	
0661801	High Plains aquifer system	234	Surveillance	No	
0661802	High Plains aquifer system	195	Surveillance	Yes	
0662101	High Plains aquifer system	306	Surveillance	Yes	
0662107	Other	280	Surveillance	Yes	
0662201	High Plains aquifer system	270	Surveillance	Yes	
0662402	High Plains aquifer system	250	Surveillance	Yes	
0662501	High Plains aquifer system	297	Surveillance	Yes	
0662901	High Plains aquifer system	NULL	Surveillance	Yes	
0663203	High Plains aquifer system	315	Surveillance	Yes	
0663601	High Plains aquifer system	130	Surveillance	Yes	
0663802	High Plains aquifer system	344	Surveillance	Yes	
0664501	High Plains aquifer system	254	Surveillance	Yes	
0664701	High Plains aquifer system	276	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0664702	High Plains aquifer system	280	Surveillance	Yes	
0664951	High Plains aquifer system	NULL	Surveillance	Yes	
0702301	High Plains aquifer system	418	Surveillance	Yes	
0704103	High Plains aquifer system	524	Surveillance	Yes	
0705302	High Plains aquifer system	532	Surveillance	No	
0705502	High Plains aquifer system	553	Surveillance	Yes	
0705613	High Plains aquifer system	NULL	Surveillance	Yes	
0706202	High Plains aquifer system	605	Surveillance	Yes	
0706504	High Plains aquifer system	660	Surveillance	Yes	
0707201	High Plains aquifer system	468	Surveillance	Yes	
0707304	High Plains aquifer system	539	Surveillance	Yes	
0707702	High Plains aquifer system	682	Surveillance	Yes	
0707801	High Plains aquifer system	500	Surveillance	Yes	
0708103	High Plains aquifer system	480	Surveillance	No	
0708802	High Plains aquifer system	480	Surveillance	Yes	
0709101	High Plains aquifer system	260	Surveillance	Yes	
0711501	High Plains aquifer system	449	Surveillance	Yes	
0713601	High Plains aquifer system	485	Surveillance	Yes	
0713801	High Plains aquifer system	486	Surveillance	Yes	
0714301	High Plains aquifer system	648	Surveillance	Yes	
0715104	High Plains aquifer system	643	Surveillance	Yes	
0715401	High Plains aquifer system	620	Surveillance	Yes	
0715502	High Plains aquifer system	636	Surveillance	Yes	
0715703	High Plains aquifer system	NULL	Surveillance	Yes	
0716302	High Plains aquifer system	414	Surveillance	Yes	
0716903	High Plains aquifer system	401	Surveillance	Yes	
0717201	High Plains aquifer system	270	Surveillance	Yes	
0717304	High Plains aquifer system	311	Surveillance	Yes	
0717601	High Plains aquifer system	130	Surveillance	No	
0717701	High Plains aquifer system	125	Surveillance	No	
0723102	High Plains aquifer system	476	Surveillance	Yes	
0724202	High Plains aquifer system	405	Surveillance	Yes	
0724403	High Plains aquifer system	510	Surveillance	Yes	
0732201	High Plains aquifer system	NULL	Surveillance	Yes	
0732202	High Plains aquifer system	NULL	Surveillance	Yes	
0732801	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0732901	High Plains aquifer system	NULL	Surveillance	Yes	
0745702	High Plains aquifer system	400	Surveillance	No	0753407
0746801	High Plains aquifer system	360	Surveillance	Yes	
0748701	High Plains aquifer system	NULL	Surveillance	Yes	
0750701	High Plains aquifer system	155	Surveillance	Yes	
0751101	High Plains aquifer system	181	Surveillance	No	0752301
0751902	High Plains aquifer system	394	Surveillance	Yes	
0752101	High Plains aquifer system	282	Surveillance	Yes	
0752502	High Plains aquifer system	NULL	Surveillance	Yes	
0752616	High Plains aquifer system	337	Surveillance	Yes	
0753308	High Plains aquifer system	258	Surveillance	No	
0753701	High Plains aquifer system	335	Surveillance	Yes	
0753902	High Plains aquifer system	451	Surveillance	Yes	
0754404	High Plains aquifer system	276	Surveillance	Yes	
0754702	High Plains aquifer system	280	Surveillance	Yes	
0754901	High Plains aquifer system	281	Surveillance	Yes	
0755601	High Plains aquifer system	300	Surveillance	Yes	
0755701	High Plains aquifer system	340	Surveillance	Yes	
0755921	High Plains aquifer system	365	Surveillance	Yes	
0756307	High Plains aquifer system	295	Surveillance	Yes	
0756405	High Plains aquifer system	348	Surveillance	Yes	
0756501	High Plains aquifer system	300	Surveillance	Yes	
0756702	High Plains aquifer system	NULL	Surveillance	Yes	
0756904	High Plains aquifer system	300	Surveillance	Yes	
0757201	High Plains aquifer system	172	Surveillance	Yes	
0757401	High Plains aquifer system	215	Surveillance	No	
0757502	High Plains aquifer system	284	Surveillance	Yes	
0758101	High Plains aquifer system	NULL	Surveillance	No	
0758601	High Plains aquifer system	368	Surveillance	Yes	
0759101	High Plains aquifer system	334	Surveillance	Yes	
0759201	High Plains aquifer system	419	Surveillance	Yes	
0759301	High Plains aquifer system	NULL	Surveillance	Yes	
0759501	High Plains aquifer system	381	Surveillance	Yes	
0759602	High Plains aquifer system	377	Surveillance	Yes	
0759801	High Plains aquifer system	330	Surveillance	Yes	
0759802	High Plains aquifer system	340	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0760101	High Plains aquifer system	420	Surveillance	Yes	
0760201	High Plains aquifer system	380	Surveillance	Yes	
0760202	High Plains aquifer system	366	Surveillance	Yes	
0760301	High Plains aquifer system	346	Surveillance	Yes	
0760401	High Plains aquifer system	400	Surveillance	Yes	
0760502	High Plains aquifer system	380	Surveillance	Yes	
0760701	High Plains aquifer system	346	Surveillance	Yes	
0760901	High Plains aquifer system	302	Surveillance	Yes	
0761105	High Plains aquifer system	356	Surveillance	Yes	
0761224	High Plains aquifer system	314	Surveillance	Yes	
0761324	High Plains aquifer system	318	Surveillance	Yes	
0761523	High Plains aquifer system	354	Surveillance	Yes	
0761601	High Plains aquifer system	285	Surveillance	Yes	
0761802	High Plains aquifer system	366	Surveillance	Yes	
0761815	High Plains aquifer system	391	Surveillance	Yes	
0761902	High Plains aquifer system	417	Surveillance	Yes	
0762101	High Plains aquifer system	298	Surveillance	Yes	
0762301	High Plains aquifer system	230	Surveillance	Yes	
0762502	High Plains aquifer system	331	Surveillance	Yes	
0762601	High Plains aquifer system	253	Surveillance	Yes	
0762823	High Plains aquifer system	320	Surveillance	Yes	
0763301	High Plains aquifer system	288	Surveillance	Yes	
0763401	High Plains aquifer system	237	Surveillance	Yes	
0763601	High Plains aquifer system	251	Surveillance	Yes	
0763702	High Plains aquifer system	310	Surveillance	Yes	
0764135	High Plains aquifer system	291	Surveillance	Yes	
0764202	High Plains aquifer system	225	Surveillance	Yes	
0764209	High Plains aquifer system	252	Surveillance	No	
0764411	High Plains aquifer system	200	Surveillance	Yes	
0764422	High Plains aquifer system	183	Surveillance	Yes	
0764507	High Plains aquifer system	201	Surveillance	Yes	
0764625	High Plains aquifer system	299	Surveillance	Yes	
0764816	High Plains aquifer system	165	Surveillance	Yes	
0916901	High Plains aquifer system	180	Surveillance	Yes	
0924601	High Plains aquifer system	375	Surveillance	Yes	
0924603	High Plains aquifer system	372	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
0924901	High Plains aquifer system	300	Surveillance	No	
0932305	High Plains aquifer system	NULL	Surveillance	Yes	
0932502	High Plains aquifer system	505	Surveillance	Yes	
0932601	High Plains aquifer system	437	Surveillance	No	1025403
0940911	High Plains aquifer system	420	Surveillance	Yes	
0948305	High Plains aquifer system	353	Surveillance	Yes	
0948306	High Plains aquifer system	371	Surveillance	Yes	
0948902	High Plains aquifer system	272	Surveillance	Yes	
0956602	High Plains aquifer system	184	Surveillance	Yes	
0956603	High Plains aquifer system	187	Surveillance	Yes	
0956903	High Plains aquifer system	203	Surveillance	Yes	
1001401	High Plains aquifer system	172	Surveillance	Yes	
1002301	High Plains aquifer system	NULL	Surveillance	Yes	
1002802	High Plains aquifer system	269	Surveillance	Yes	
1002901	High Plains aquifer system	306	Surveillance	Yes	
1003201	High Plains aquifer system	396	Surveillance	Yes	
1003401	High Plains aquifer system	400	Surveillance	No	1003101
1003501	High Plains aquifer system	302	Surveillance	Yes	
1003702	High Plains aquifer system	NULL	Surveillance	Yes	
1003902	High Plains aquifer system	330	Surveillance	Yes	
1003903	High Plains aquifer system	300	Surveillance	Yes	
1004102	High Plains aquifer system	401	Surveillance	Yes	
1004202	High Plains aquifer system	373	Surveillance	Yes	
1004203	High Plains aquifer system	421	Surveillance	Yes	
1004301	High Plains aquifer system	385	Surveillance	Yes	
1004504	High Plains aquifer system	366	Surveillance	Yes	
1005225	High Plains aquifer system	375	Surveillance	Yes	
1005502	High Plains aquifer system	330	Surveillance	Yes	
1005603	High Plains aquifer system	389	Surveillance	Yes	
1005814	High Plains aquifer system	315	Surveillance	Yes	
1005905	High Plains aquifer system	427	Surveillance	Yes	
1006101	High Plains aquifer system	385	Surveillance	Yes	
1006302	High Plains aquifer system	282	Surveillance	Yes	
1006403	High Plains aquifer system	385	Surveillance	Yes	
1006602	High Plains aquifer system	281	Surveillance	Yes	
1006710	High Plains aquifer system	318	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1006909	High Plains aquifer system	225	Surveillance	Yes	
1007301	High Plains aquifer system	175	Surveillance	Yes	
1007501	High Plains aquifer system	268	Surveillance	Yes	
1007601	High Plains aquifer system	190	Surveillance	Yes	
1007701	High Plains aquifer system	180	Surveillance	Yes	
1007805	High Plains aquifer system	250	Surveillance	Yes	
1008102	High Plains aquifer system	NULL	Surveillance	Yes	
1008133	High Plains aquifer system	240	Surveillance	Yes	
1008230	High Plains aquifer system	202	Surveillance	Yes	
1008405	High Plains aquifer system	220	Surveillance	Yes	
1008417	High Plains aquifer system	NULL	Surveillance	Yes	
1009101	High Plains aquifer system	175	Surveillance	Yes	
1009601	High Plains aquifer system	80	Surveillance	Yes	
1009701	High Plains aquifer system	180	Surveillance	Yes	
1009801	High Plains aquifer system	68	Surveillance	Yes	
1010101	High Plains aquifer system	163	Surveillance	Yes	
1010301	High Plains aquifer system	NULL	Surveillance	Yes	
1010601	High Plains aquifer system	223	Surveillance	Yes	
1010701	High Plains aquifer system	200	Surveillance	Yes	
1010702	High Plains aquifer system	NULL	Surveillance	Yes	
1011402	High Plains aquifer system	NULL	Surveillance	No	1001302
1011802	High Plains aquifer system	306	Surveillance	Yes	
1012105	High Plains aquifer system	NULL	Surveillance	Yes	
1012203	High Plains aquifer system	240	Surveillance	Yes	
1012302	High Plains aquifer system	328	Surveillance	Yes	
1012404	High Plains aquifer system	270	Surveillance	Yes	
1012504	High Plains aquifer system	312	Surveillance	Yes	
1012703	High Plains aquifer system	265	Surveillance	Yes	
1012906	High Plains aquifer system	361	Surveillance	No	
1013104	High Plains aquifer system	360	Surveillance	Yes	
1013305	High Plains aquifer system	291	Surveillance	Yes	
1013404	High Plains aquifer system	368	Surveillance	Yes	
1013405	High Plains aquifer system	341	Surveillance	Yes	
1013806	High Plains aquifer system	400	Surveillance	Yes	
1013910	High Plains aquifer system	360	Surveillance	Yes	
1014206	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1014207	High Plains aquifer system	175	Surveillance	Yes	
1014405	High Plains aquifer system	201	Surveillance	Yes	
1014513	High Plains aquifer system	140	Surveillance	Yes	
1014704	High Plains aquifer system	204	Surveillance	Yes	
1014706	High Plains aquifer system	269	Surveillance	Yes	
1014901	High Plains aquifer system	NULL	Surveillance	Yes	
1016201	High Plains aquifer system	194	Surveillance	No	0651405
1016301	High Plains aquifer system	200	Surveillance	Yes	
1017301	High Plains aquifer system	225	Surveillance	No	1017102
1017501	High Plains aquifer system	300	Surveillance	Yes	
1017602	High Plains aquifer system	229	Surveillance	Yes	
1017804	High Plains aquifer system	304	Surveillance	Yes	
1018204	High Plains aquifer system	374	Surveillance	Yes	
1018302	High Plains aquifer system	285	Surveillance	Yes	
1018504	High Plains aquifer system	338	Surveillance	Yes	
1018602	High Plains aquifer system	350	Surveillance	Yes	
1018701	High Plains aquifer system	300	Surveillance	Yes	
1019101	High Plains aquifer system	433	Surveillance	Yes	
1019202	High Plains aquifer system	449	Surveillance	Yes	
1019301	High Plains aquifer system	330	Surveillance	Yes	
1019404	High Plains aquifer system	468	Surveillance	Yes	
1019602	High Plains aquifer system	490	Surveillance	Yes	
1019802	High Plains aquifer system	300	Surveillance	Yes	
1020201	High Plains aquifer system	252	Surveillance	Yes	
1020306	High Plains aquifer system	335	Surveillance	No	
1020602	High Plains aquifer system	300	Surveillance	Yes	
1020901	High Plains aquifer system	291	Surveillance	Yes	
1021205	High Plains aquifer system	342	Surveillance	Yes	
1021404	High Plains aquifer system	300	Surveillance	Yes	
1021605	High Plains aquifer system	275	Surveillance	Yes	
1021703	High Plains aquifer system	419	Surveillance	Yes	
1021803	High Plains aquifer system	254	Surveillance	Yes	
1022203	High Plains aquifer system	279	Surveillance	Yes	
1022302	High Plains aquifer system	158	Surveillance	Yes	
1022404	High Plains aquifer system	275	Surveillance	Yes	
1022602	High Plains aquifer system	152	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1022703	High Plains aquifer system	220	Surveillance	Yes	
1022801	High Plains aquifer system	264	Surveillance	Yes	
1022903	High Plains aquifer system	231	Surveillance	Yes	
1023702	High Plains aquifer system	NULL	Surveillance	Yes	
1023703	High Plains aquifer system	NULL	Surveillance	Yes	
1024401	High Plains aquifer system	221	Surveillance	Yes	
1024501	High Plains aquifer system	210	Surveillance	Yes	
1024802	High Plains aquifer system	219	Surveillance	Yes	
1024901	High Plains aquifer system	240	Surveillance	Yes	
1025103	High Plains aquifer system	300	Surveillance	Yes	
1025301	High Plains aquifer system	361	Surveillance	Yes	
1025502	High Plains aquifer system	232	Surveillance	No	
1025802	High Plains aquifer system	325	Surveillance	Yes	
1025914	High Plains aquifer system	297	Surveillance	Yes	
1026102	High Plains aquifer system	356	Surveillance	Yes	
1026306	High Plains aquifer system	465	Surveillance	Yes	
1026402	High Plains aquifer system	415	Surveillance	Yes	
1026502	High Plains aquifer system	448	Surveillance	Yes	
1026603	High Plains aquifer system	457	Surveillance	Yes	
1026802	High Plains aquifer system	415	Surveillance	Yes	
1027104	High Plains aquifer system	365	Surveillance	Yes	
1027105	High Plains aquifer system	496	Surveillance	Yes	
1027902	High Plains aquifer system	453	Surveillance	Yes	
1028103	High Plains aquifer system	500	Surveillance	Yes	
1028202	High Plains aquifer system	460	Surveillance	Yes	
1028301	High Plains aquifer system	NULL	Surveillance	Yes	
1028501	High Plains aquifer system	508	Surveillance	Yes	
1028801	High Plains aquifer system	450	Surveillance	Yes	
1029302	High Plains aquifer system	397	Surveillance	Yes	
1029603	High Plains aquifer system	425	Surveillance	Yes	
1029704	High Plains aquifer system	462	Surveillance	Yes	
1029912	High Plains aquifer system	395	Surveillance	Yes	
1030103	High Plains aquifer system	NULL	Surveillance	Yes	
1030203	High Plains aquifer system	390	Surveillance	Yes	
1030301	High Plains aquifer system	271	Surveillance	Yes	
1030403	High Plains aquifer system	416	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1030505	High Plains aquifer system	405	Surveillance	Yes	
1030607	High Plains aquifer system	NULL	Surveillance	Yes	
1030701	High Plains aquifer system	381	Surveillance	Yes	
1030802	High Plains aquifer system	376	Surveillance	Yes	
1030904	High Plains aquifer system	407	Surveillance	No	
1031301	High Plains aquifer system	248	Surveillance	No	
1031501	High Plains aquifer system	320	Surveillance	Yes	
1031601	High Plains aquifer system	251	Surveillance	Yes	
1031701	High Plains aquifer system	NULL	Surveillance	Yes	
1031803	High Plains aquifer system	400	Surveillance	Yes	
1032201	High Plains aquifer system	244	Surveillance	Yes	
1032301	High Plains aquifer system	228	Surveillance	Yes	
1032502	High Plains aquifer system	230	Surveillance	Yes	
1032703	High Plains aquifer system	384	Surveillance	Yes	
1032803	High Plains aquifer system	294.5	Surveillance	Yes	
1033103	High Plains aquifer system	448	Surveillance	Yes	
1033311	High Plains aquifer system	376	Surveillance	Yes	
1033407	High Plains aquifer system	480	Surveillance	Yes	
1033606	High Plains aquifer system	306	Surveillance	Yes	
1033802	High Plains aquifer system	371	Surveillance	Yes	
1033803	High Plains aquifer system	415	Surveillance	Yes	
1033902	High Plains aquifer system	375	Surveillance	Yes	
1034102	High Plains aquifer system	459	Surveillance	Yes	
1034202	High Plains aquifer system	424	Surveillance	No	
1034304	High Plains aquifer system	412	Surveillance	Yes	
1034305	High Plains aquifer system	460	Surveillance	Yes	
1034403	High Plains aquifer system	431	Surveillance	Yes	
1034404	High Plains aquifer system	488	Surveillance	Yes	
1034603	High Plains aquifer system	414	Surveillance	Yes	
1034702	High Plains aquifer system	381	Surveillance	Yes	
1035306	High Plains aquifer system	438	Surveillance	Yes	
1035503	High Plains aquifer system	360	Surveillance	Yes	
1035603	High Plains aquifer system	405	Surveillance	Yes	
1035706	High Plains aquifer system	370	Surveillance	Yes	
1035707	High Plains aquifer system	462	Surveillance	Yes	
1035802	High Plains aquifer system	410	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1035904	High Plains aquifer system	407	Surveillance	Yes	
1036301	High Plains aquifer system	380	Surveillance	Yes	
1036401	High Plains aquifer system	375	Surveillance	No	
1036602	High Plains aquifer system	379	Surveillance	Yes	
1036703	High Plains aquifer system	411	Surveillance	Yes	
1036803	High Plains aquifer system	376	Surveillance	Yes	
1037101	High Plains aquifer system	405	Surveillance	Yes	
1037102	High Plains aquifer system	439	Surveillance	Yes	
1037403	High Plains aquifer system	379	Surveillance	Yes	
1037502	High Plains aquifer system	396	Surveillance	Yes	
1037601	High Plains aquifer system	399	Surveillance	Yes	
1037701	High Plains aquifer system	478	Surveillance	Yes	
1037903	High Plains aquifer system	NULL	Surveillance	Yes	
1038101	High Plains aquifer system	386	Surveillance	Yes	
1038201	High Plains aquifer system	378	Surveillance	Yes	
1038401	High Plains aquifer system	NULL	Surveillance	Yes	
1038603	High Plains aquifer system	381	Surveillance	Yes	
1038703	High Plains aquifer system	459	Surveillance	Yes	
1038902	High Plains aquifer system	NULL	Surveillance	Yes	
1039601	High Plains aquifer system	395	Surveillance	Yes	
1039702	High Plains aquifer system	414	Surveillance	Yes	
1039801	High Plains aquifer system	385	Surveillance	Yes	
1039901	High Plains aquifer system	401	Surveillance	Yes	
1040102	High Plains aquifer system	410	Surveillance	Yes	
1040301	High Plains aquifer system	261	Surveillance	Yes	
1040402	High Plains aquifer system	402	Surveillance	Yes	
1040502	High Plains aquifer system	388	Surveillance	Yes	
1040503	High Plains aquifer system	370	Surveillance	Yes	
1040804	High Plains aquifer system	392	Surveillance	Yes	
1041403	High Plains aquifer system	336	Surveillance	Yes	
1042104	High Plains aquifer system	360	Surveillance	Yes	
1042202	High Plains aquifer system	360	Surveillance	Yes	
1042302	High Plains aquifer system	371	Surveillance	Yes	
1042506	High Plains aquifer system	385	Surveillance	Yes	
1042507	High Plains aquifer system	373	Surveillance	Yes	
1042905	High Plains aquifer system	246	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1043102	High Plains aquifer system	410	Surveillance	Yes	
1043205	High Plains aquifer system	359	Surveillance	Yes	
1043402	High Plains aquifer system	314	Surveillance	Yes	
1043504	High Plains aquifer system	NULL	Surveillance	Yes	
1043605	High Plains aquifer system	356	Surveillance	Yes	
1043607	High Plains aquifer system	422	Surveillance	Yes	
1043708	High Plains aquifer system	NULL	Surveillance	Yes	
1043807	High Plains aquifer system	250	Surveillance	Yes	
1043905	High Plains aquifer system	190	Surveillance	Yes	
1044103	High Plains aquifer system	384	Surveillance	Yes	
1044204	High Plains aquifer system	370	Surveillance	Yes	
1044404	High Plains aquifer system	400	Surveillance	Yes	
1044503	High Plains aquifer system	376	Surveillance	Yes	
1044504	High Plains aquifer system	NULL	Surveillance	Yes	
1044711	High Plains aquifer system	228	Surveillance	Yes	
1044908	High Plains aquifer system	334	Surveillance	Yes	
1044909	High Plains aquifer system	415	Surveillance	Yes	
1045202	High Plains aquifer system	367	Surveillance	Yes	
1045301	High Plains aquifer system	367	Surveillance	Yes	
1045403	High Plains aquifer system	NULL	Surveillance	Yes	
1045702	High Plains aquifer system	278	Surveillance	Yes	
1045804	High Plains aquifer system	287	Surveillance	Yes	
1045904	High Plains aquifer system	287	Surveillance	Yes	
1046103	High Plains aquifer system	352	Surveillance	Yes	
1046202	High Plains aquifer system	341	Surveillance	Yes	
1046304	High Plains aquifer system	442	Surveillance	Yes	
1046407	High Plains aquifer system	314	Surveillance	Yes	
1046409	High Plains aquifer system	345	Surveillance	Yes	
1046804	High Plains aquifer system	NULL	Surveillance	Yes	
1047102	High Plains aquifer system	330	Surveillance	Yes	
1047203	High Plains aquifer system	367	Surveillance	Yes	
1047204	High Plains aquifer system	347	Surveillance	Yes	
1047401	High Plains aquifer system	345	Surveillance	No	
1047703	High Plains aquifer system	NULL	Surveillance	Yes	
1048404	High Plains aquifer system	347	Surveillance	Yes	
1048603	High Plains aquifer system	417	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1048804	High Plains aquifer system	325	Surveillance	Yes	
1049209	High Plains aquifer system	185	Surveillance	Yes	
1049306	High Plains aquifer system	205	Surveillance	Yes	
1049308	High Plains aquifer system	245	Surveillance	Yes	
1049404	High Plains aquifer system	247	Surveillance	Yes	
1049502	High Plains aquifer system	207	Surveillance	No	
1049602	High Plains aquifer system	NULL	Surveillance	Yes	
1049607	High Plains aquifer system	226	Surveillance	Yes	
1049801	High Plains aquifer system	229	Surveillance	Yes	
1050104	High Plains aquifer system	166	Surveillance	Yes	
1050511	High Plains aquifer system	165	Surveillance	No	1042812
1050602	High Plains aquifer system	193	Surveillance	Yes	
1050703	High Plains aquifer system	220	Surveillance	Yes	
1050704	High Plains aquifer system	143	Surveillance	Yes	
1050801	High Plains aquifer system	135	Surveillance	Yes	
1050804	High Plains aquifer system	138	Surveillance	Yes	
1050901	High Plains aquifer system	180	Surveillance	Yes	
1050902	High Plains aquifer system	161	Surveillance	No	
1051105	High Plains aquifer system	NULL	Surveillance	Yes	
1051119	High Plains aquifer system	216	Surveillance	Yes	
1051311	High Plains aquifer system	247	Surveillance	Yes	
1051406	High Plains aquifer system	162	Surveillance	Yes	
1051425	High Plains aquifer system	NULL	Surveillance	Yes	
1051514	High Plains aquifer system	235	Surveillance	No	
1051609	High Plains aquifer system	243	Surveillance	No	
1051703	High Plains aquifer system	160	Surveillance	Yes	
1051704	High Plains aquifer system	140	Surveillance	Yes	
1051808	High Plains aquifer system	245	Surveillance	Yes	
1051910	High Plains aquifer system	232	Surveillance	No	
1051911	High Plains aquifer system	231	Surveillance	No	
1052212	High Plains aquifer system	201	Surveillance	No	
1052308	High Plains aquifer system	164	Surveillance	No	
1052406	High Plains aquifer system	237	Surveillance	Yes	
1052410	High Plains aquifer system	237	Surveillance	Yes	
1052508	High Plains aquifer system	168	Surveillance	Yes	
1052509	High Plains aquifer system	190	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1052715	High Plains aquifer system	228	Surveillance	Yes	
1052804	High Plains aquifer system	205	Surveillance	No	
1052813	High Plains aquifer system	140	Surveillance	Yes	
1052904	High Plains aquifer system	173	Surveillance	Yes	
1053101	High Plains aquifer system	184	Surveillance	Yes	
1053608	High Plains aquifer system	208	Surveillance	Yes	
1054205	High Plains aquifer system	311	Surveillance	Yes	
1054404	High Plains aquifer system	267	Surveillance	Yes	
1054601	High Plains aquifer system	200	Surveillance	Yes	
1054801	High Plains aquifer system	318	Surveillance	Yes	
1055206	High Plains aquifer system	369	Surveillance	Yes	
1055305	High Plains aquifer system	355	Surveillance	Yes	
1055406	High Plains aquifer system	310	Surveillance	Yes	
1055705	High Plains aquifer system	293	Surveillance	Yes	
1055802	High Plains aquifer system	287	Surveillance	Yes	
1055902	High Plains aquifer system	315	Surveillance	Yes	
1055906	High Plains aquifer system	310	Surveillance	Yes	
1056104	High Plains aquifer system	361	Surveillance	Yes	
1056203	High Plains aquifer system	325	Surveillance	Yes	
1056409	High Plains aquifer system	NULL	Surveillance	Yes	
1056602	High Plains aquifer system	NULL	Surveillance	Yes	
1056801	High Plains aquifer system	300	Surveillance	Yes	
1057103	High Plains aquifer system	198	Surveillance	Yes	
1057303	High Plains aquifer system	140	Surveillance	Yes	
1057501	High Plains aquifer system	60	Surveillance	Yes	
1057901	High Plains aquifer system	NULL	Surveillance	Yes	
1058201	High Plains aquifer system	103	Surveillance	Yes	
1058601	High Plains aquifer system	133	Surveillance	Yes	
1058701	High Plains aquifer system	73	Surveillance	Yes	
1058801	High Plains aquifer system	91	Surveillance	Yes	
1058901	High Plains aquifer system	134	Surveillance	Yes	
1059106	High Plains aquifer system	148	Surveillance	Yes	
1059107	High Plains aquifer system	210	Surveillance	Yes	
1059302	High Plains aquifer system	207	Surveillance	Yes	
1059401	High Plains aquifer system	167	Surveillance	Yes	
1059402	High Plains aquifer system	213	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1059502	High Plains aquifer system	229	Surveillance	Yes	
1059601	High Plains aquifer system	176	Surveillance	Yes	
1060105	High Plains aquifer system	193	Surveillance	Yes	
1060501	High Plains aquifer system	NULL	Surveillance	Yes	
1060604	High Plains aquifer system	172	Surveillance	Yes	
1060802	High Plains aquifer system	170	Surveillance	Yes	
1061105	High Plains aquifer system	193	Surveillance	Yes	
1061107	High Plains aquifer system	206	Surveillance	Yes	
1061404	High Plains aquifer system	236	Surveillance	Yes	
1061604	High Plains aquifer system	225	Surveillance	Yes	
1061701	High Plains aquifer system	223	Surveillance	Yes	
1062210	High Plains aquifer system	219	Surveillance	Yes	
1062402	High Plains aquifer system	NULL	Surveillance	Yes	
1062603	High Plains aquifer system	203	Surveillance	Yes	
1062803	High Plains aquifer system	203	Surveillance	Yes	
1063103	High Plains aquifer system	316	Surveillance	Yes	
1063203	High Plains aquifer system	310	Surveillance	Yes	
1063307	High Plains aquifer system	NULL	Surveillance	Yes	
1063405	High Plains aquifer system	NULL	Surveillance	Yes	
1063601	High Plains aquifer system	245	Surveillance	Yes	
1063801	High Plains aquifer system	285	Surveillance	Yes	
1064105	High Plains aquifer system	NULL	Surveillance	Yes	
1064204	High Plains aquifer system	NULL	Surveillance	Yes	
1064602	High Plains aquifer system	NULL	Surveillance	Yes	
1064803	High Plains aquifer system	318	Surveillance	Yes	
1101507	High Plains aquifer system	NULL	Surveillance	Yes	
1101802	High Plains aquifer system	58	Surveillance	Yes	
1101803	High Plains aquifer system	60	Surveillance	Yes	
1102501	High Plains aquifer system	198	Surveillance	No	1102901
1103401	High Plains aquifer system	88	Surveillance	Yes	
1105104	High Plains aquifer system	NULL	Surveillance	Yes	
1107750	High Plains aquifer system	NULL	Surveillance	Yes	
1108101	High Plains aquifer system	120	Surveillance	Yes	
1108201	High Plains aquifer system	207	Surveillance	Yes	
1108203	High Plains aquifer system	157	Surveillance	Yes	
1108305	High Plains aquifer system	202	Surveillance	No	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1108309	High Plains aquifer system	155	Surveillance	Yes	
1108312	High Plains aquifer system	171	Surveillance	Yes	
1109306	High Plains aquifer system	221	Surveillance	Yes	
1109501	High Plains aquifer system	230	Surveillance	Yes	
1109601	High Plains aquifer system	250	Surveillance	Yes	
1109837	High Plains aquifer system	244	Surveillance	Yes	
1109838	High Plains aquifer system	233	Surveillance	Yes	
1109902	High Plains aquifer system	248	Surveillance	Yes	
1110112	High Plains aquifer system	NULL	Surveillance	Yes	
1110301	High Plains aquifer system	182	Surveillance	Yes	
1110402	High Plains aquifer system	205	Surveillance	Yes	
1110506	High Plains aquifer system	220	Surveillance	Yes	
1110512	High Plains aquifer system	203	Surveillance	Yes	
1110802	High Plains aquifer system	220	Surveillance	Yes	
1111519	High Plains aquifer system	200	Surveillance	Yes	
1111709	High Plains aquifer system	NULL	Surveillance	Yes	
1111927	High Plains aquifer system	186	Surveillance	Yes	
1111928	High Plains aquifer system	176	Surveillance	Yes	
1112401	High Plains aquifer system	170	Surveillance	Yes	
1112522	High Plains aquifer system	160	Surveillance	Yes	
1112702	High Plains aquifer system	204	Surveillance	Yes	
1112801	High Plains aquifer system	165	Surveillance	Yes	
1112802	High Plains aquifer system	190	Surveillance	Yes	
1112803	High Plains aquifer system	165	Surveillance	Yes	
1112901	High Plains aquifer system	175	Surveillance	Yes	
1113702	High Plains aquifer system	160	Surveillance	Yes	
1117105	High Plains aquifer system	208	Surveillance	Yes	
1117106	High Plains aquifer system	NULL	Surveillance	Yes	
1117401	High Plains aquifer system	NULL	Surveillance	Yes	
1117701	High Plains aquifer system	NULL	Surveillance	Yes	
1118301	High Plains aquifer system	NULL	Surveillance	Yes	
1118405	High Plains aquifer system	194	Surveillance	Yes	
1118503	High Plains aquifer system	235	Surveillance	Yes	
1118835	High Plains aquifer system	198	Surveillance	Yes	
1119212	High Plains aquifer system	194	Surveillance	Yes	
1119330	High Plains aquifer system	146	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1119401	High Plains aquifer system	230	Surveillance	Yes	
1120301	High Plains aquifer system	152	Surveillance	Yes	
1120506	High Plains aquifer system	210	Surveillance	No	
1120508	High Plains aquifer system	195	Surveillance	Yes	
1120806	High Plains aquifer system	206	Surveillance	Yes	
1120907	High Plains aquifer system	220	Surveillance	No	
1121214	High Plains aquifer system	NULL	Surveillance	Yes	
1125305	High Plains aquifer system	230	Surveillance	No	
1125403	High Plains aquifer system	189	Surveillance	Yes	
1126106	High Plains aquifer system	247	Surveillance	Yes	
1126403	High Plains aquifer system	185	Surveillance	Yes	
1126501	High Plains aquifer system	250	Surveillance	Yes	
1126508	High Plains aquifer system	221	Surveillance	Yes	
1126908	High Plains aquifer system	168	Surveillance	Yes	
1127310	High Plains aquifer system	194	Surveillance	Yes	
1127802	High Plains aquifer system	165	Surveillance	No	
1128302	High Plains aquifer system	170	Surveillance	Yes	
1129601	High Plains aquifer system	110	Surveillance	Yes	
1130504	High Plains aquifer system	NULL	Surveillance	Yes	
1131402	High Plains aquifer system	200	Surveillance	Yes	
1131801	High Plains aquifer system	200	Surveillance	Yes	
1133201	High Plains aquifer system	304	Surveillance	Yes	
1133502	High Plains aquifer system	342	Surveillance	Yes	
1133602	High Plains aquifer system	260	Surveillance	Yes	
1134501	High Plains aquifer system	254	Surveillance	Yes	
1134601	High Plains aquifer system	209	Surveillance	Yes	
1134801	High Plains aquifer system	290	Surveillance	Yes	
1134807	High Plains aquifer system	297	Surveillance	Yes	
1135209	High Plains aquifer system	200	Surveillance	Yes	
1135305	High Plains aquifer system	165	Surveillance	Yes	
1135406	High Plains aquifer system	210	Surveillance	Yes	
1135601	High Plains aquifer system	221	Surveillance	Yes	
1135702	High Plains aquifer system	196	Surveillance	No	
1135805	High Plains aquifer system	205	Surveillance	Yes	
1136108	High Plains aquifer system	150	Surveillance	Yes	
1136405	High Plains aquifer system	187	Surveillance	No	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1136708	High Plains aquifer system	218	Surveillance	Yes	
1136801	High Plains aquifer system	300	Surveillance	Yes	
1136802	High Plains aquifer system	203	Surveillance	Yes	
1136901	High Plains aquifer system	NULL	Surveillance	Yes	
1137112	High Plains aquifer system	185	Surveillance	Yes	
1137501	High Plains aquifer system	190	Surveillance	Yes	
1137601	High Plains aquifer system	200	Surveillance	Yes	
1137701	High Plains aquifer system	218	Surveillance	Yes	
1137914	High Plains aquifer system	232	Surveillance	Yes	
1138109	High Plains aquifer system	205	Surveillance	Yes	
1138402	High Plains aquifer system	212	Surveillance	Yes	
1138509	High Plains aquifer system	200	Surveillance	No	
1138921	High Plains aquifer system	148	Surveillance	Yes	
1139201	High Plains aquifer system	217	Surveillance	Yes	
1141102	High Plains aquifer system	365	Surveillance	Yes	
1141108	High Plains aquifer system	350	Surveillance	Yes	
1141506	High Plains aquifer system	345	Surveillance	Yes	
1141602	High Plains aquifer system	288	Surveillance	Yes	
1142316	High Plains aquifer system	NULL	Surveillance	Yes	
1142505	High Plains aquifer system	325	Surveillance	Yes	
1142609	High Plains aquifer system	NULL	Surveillance	Yes	
1142704	High Plains aquifer system	287	Surveillance	Yes	
1142804	High Plains aquifer system	NULL	Surveillance	Yes	
1143202	High Plains aquifer system	237	Surveillance	Yes	
1143306	High Plains aquifer system	225	Surveillance	Yes	
1143501	High Plains aquifer system	208	Surveillance	Yes	
1143707	High Plains aquifer system	NULL	Surveillance	Yes	
1144401	High Plains aquifer system	292	Surveillance	Yes	
1144714	High Plains aquifer system	311	Surveillance	Yes	
1144904	High Plains aquifer system	247	Surveillance	Yes	
1145314	High Plains aquifer system	230	Surveillance	Yes	
1145407	High Plains aquifer system	294	Surveillance	Yes	
1145607	High Plains aquifer system	NULL	Surveillance	Yes	
1145802	High Plains aquifer system	219	Surveillance	Yes	
1145806	High Plains aquifer system	217	Surveillance	Yes	
1145905	High Plains aquifer system	220	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1146214	High Plains aquifer system	152	Surveillance	Yes	
1146606	High Plains aquifer system	305	Surveillance	Yes	
1146701	High Plains aquifer system	270	Surveillance	Yes	
1146802	High Plains aquifer system	302	Surveillance	Yes	
1149101	High Plains aquifer system	300	Surveillance	Yes	
1149317	High Plains aquifer system	NULL	Surveillance	Yes	
1149404	High Plains aquifer system	334	Surveillance	Yes	
1149801	High Plains aquifer system	330	Surveillance	Yes	
1149904	High Plains aquifer system	NULL	Surveillance	Yes	
1150203	High Plains aquifer system	280	Surveillance	Yes	
1150204	High Plains aquifer system	322	Surveillance	Yes	
1150605	High Plains aquifer system	305	Surveillance	Yes	
1150703	High Plains aquifer system	NULL	Surveillance	Yes	
1150906	High Plains aquifer system	NULL	Surveillance	Yes	
1151102	High Plains aquifer system	318	Surveillance	Yes	
1151104	High Plains aquifer system	276	Surveillance	Yes	
1151303	High Plains aquifer system	NULL	Surveillance	Yes	
1151306	High Plains aquifer system	327	Surveillance	Yes	
1151604	High Plains aquifer system	NULL	Surveillance	Yes	
1151703	High Plains aquifer system	295	Surveillance	Yes	
1152105	High Plains aquifer system	NULL	Surveillance	Yes	
1152305	High Plains aquifer system	252	Surveillance	Yes	
1152410	High Plains aquifer system	320	Surveillance	Yes	
1152611	High Plains aquifer system	344	Surveillance	Yes	
1152714	High Plains aquifer system	NULL	Surveillance	Yes	
1152908	High Plains aquifer system	401	Surveillance	No	
1152913	High Plains aquifer system	NULL	Surveillance	Yes	
1153102	High Plains aquifer system	278	Surveillance	Yes	
1153205	High Plains aquifer system	NULL	Surveillance	Yes	
1153707	High Plains aquifer system	408	Surveillance	Yes	
1153802	High Plains aquifer system	277	Surveillance	Yes	
1153904	High Plains aquifer system	210	Surveillance	Yes	
1154101	High Plains aquifer system	261	Surveillance	Yes	
1154304	High Plains aquifer system	325	Surveillance	No	
1154402	High Plains aquifer system	210	Surveillance	Yes	
1154601	High Plains aquifer system	331	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1154802	High Plains aquifer system	200	Surveillance	Yes	
1155501	High Plains aquifer system	363	Surveillance	Yes	
1155901	High Plains aquifer system	341	Surveillance	Yes	
1157303	High Plains aquifer system	NULL	Surveillance	Yes	
1157601	High Plains aquifer system	325	Surveillance	No	
1157702	High Plains aquifer system	NULL	Surveillance	Yes	
1157802	High Plains aquifer system	NULL	Surveillance	No	
1157901	High Plains aquifer system	315	Surveillance	Yes	
1158103	High Plains aquifer system	336	Surveillance	Yes	
1158417	High Plains aquifer system	335	Surveillance	Yes	
1158510	High Plains aquifer system	NULL	Surveillance	Yes	
1158706	High Plains aquifer system	NULL	Surveillance	Yes	
1158801	High Plains aquifer system	255	Surveillance	Yes	
1158901	High Plains aquifer system	225	Surveillance	Yes	
1159110	High Plains aquifer system	NULL	Surveillance	Yes	
1159306	High Plains aquifer system	NULL	Surveillance	Yes	
1159404	High Plains aquifer system	320	Surveillance	Yes	
1159405	High Plains aquifer system	NULL	Surveillance	Yes	
1159503	High Plains aquifer system	150	Surveillance	Yes	
1159806	High Plains aquifer system	NULL	Surveillance	Yes	
1160107	High Plains aquifer system	NULL	Surveillance	Yes	
1160209	High Plains aquifer system	NULL	Surveillance	Yes	
1160302	High Plains aquifer system	NULL	Surveillance	Yes	
1160605	High Plains aquifer system	414	Surveillance	Yes	
1160803	High Plains aquifer system	NULL	Surveillance	Yes	
1160804	High Plains aquifer system	351	Surveillance	Yes	
1160902	High Plains aquifer system	417	Surveillance	Yes	
1161406	High Plains aquifer system	405	Surveillance	Yes	
1161605	High Plains aquifer system	159	Surveillance	Yes	
1161801	High Plains aquifer system	279	Surveillance	Yes	
1162201	High Plains aquifer system	185	Surveillance	Yes	
1162301	High Plains aquifer system	184	Surveillance	Yes	
1162401	High Plains aquifer system	100	Surveillance	Yes	
1162601	High Plains aquifer system	243	Surveillance	Yes	
1162602	High Plains aquifer system	240	Surveillance	No	
1162702	High Plains aquifer system	200	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1162801	High Plains aquifer system	246	Surveillance	Yes	
1163401	High Plains aquifer system	NULL	Surveillance	Yes	
1163502	High Plains aquifer system	321	Surveillance	Yes	
1163601	High Plains aquifer system	350	Surveillance	Yes	
1163801	High Plains aquifer system	270	Surveillance	Yes	
1164701	High Plains aquifer system	356	Surveillance	Yes	
1201102	High Plains aquifer system	88	Surveillance	Yes	
1201107	High Plains aquifer system	118	Surveillance	Yes	
1201131	High Plains aquifer system	116	Surveillance	No	
1201206	High Plains aquifer system	144	Surveillance	Yes	
1201209	High Plains aquifer system	173	Surveillance	Yes	
1201301	High Plains aquifer system	160	Surveillance	Yes	
1201306	High Plains aquifer system	152	Surveillance	Yes	
1201502	High Plains aquifer system	205	Surveillance	Yes	
1201617	High Plains aquifer system	177	Surveillance	Yes	
1201655	High Plains aquifer system	111	Surveillance	Yes	
1201904	High Plains aquifer system	232	Surveillance	Yes	
1202109	High Plains aquifer system	285	Surveillance	Yes	
1202210	High Plains aquifer system	190	Surveillance	No	
1202306	High Plains aquifer system	80	Surveillance	Yes	
1202421	High Plains aquifer system	140	Surveillance	Yes	
1202508	High Plains aquifer system	240	Surveillance	No	
1202513	High Plains aquifer system	220	Surveillance	Yes	
1202523	High Plains aquifer system	215	Surveillance	Yes	
1202529	High Plains aquifer system	212	Surveillance	Yes	
1202531	High Plains aquifer system	NULL	Surveillance	Yes	
1202604	High Plains aquifer system	192	Surveillance	No	
1202607	High Plains aquifer system	NULL	Surveillance	No	
1202619	High Plains aquifer system	225	Surveillance	Yes	
1202621	High Plains aquifer system	NULL	Surveillance	Yes	
1202627	High Plains aquifer system	NULL	Surveillance	No	
1202801	High Plains aquifer system	160	Surveillance	No	
1202813	High Plains aquifer system	150	Surveillance	Yes	
1202905	High Plains aquifer system	165	Surveillance	Yes	
1202907	High Plains aquifer system	116	Surveillance	Yes	
1202931	High Plains aquifer system	122	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1202953	High Plains aquifer system	145	Surveillance	No	
1202958	High Plains aquifer system	80	Surveillance	Yes	
1203207	High Plains aquifer system	119	Surveillance	Yes	
1203405	High Plains aquifer system	144	Surveillance	Yes	
1203422	High Plains aquifer system	180	Surveillance	Yes	
1203423	High Plains aquifer system	185	Surveillance	Yes	
1203512	High Plains aquifer system	NULL	Surveillance	Yes	
1203550	High Plains aquifer system	220	Surveillance	Yes	
1203551	High Plains aquifer system	NULL	Surveillance	Yes	
1203602	High Plains aquifer system	211	Surveillance	Yes	
1203603	High Plains aquifer system	130	Surveillance	No	1203629
1203609	High Plains aquifer system	185	Surveillance	No	
1203805	High Plains aquifer system	NULL	Surveillance	No	
1203806	High Plains aquifer system	150	Surveillance	No	1203807
1203821	High Plains aquifer system	NULL	Surveillance	No	
1203904	High Plains aquifer system	200	Surveillance	Yes	
1203908	High Plains aquifer system	220	Surveillance	No	
1203909	High Plains aquifer system	235	Surveillance	Yes	
1203911	High Plains aquifer system	NULL	Surveillance	Yes	
1203914	High Plains aquifer system	NULL	Surveillance	Yes	
1204408	High Plains aquifer system	NULL	Surveillance	No	
1204451	High Plains aquifer system	230	Surveillance	Yes	
1204805	High Plains aquifer system	59	Surveillance	Yes	
1208301	Blaine aquifer system	111	Surveillance	Yes	
1208407	Blaine aquifer system	193	Surveillance	Yes	
1209102	High Plains aquifer system	100	Surveillance	Yes	
1210121	High Plains aquifer system	NULL	Surveillance	Yes	
1210218	High Plains aquifer system	134	Surveillance	Yes	
1210305	High Plains aquifer system	160	Surveillance	Yes	
1210310	High Plains aquifer system	130	Surveillance	Yes	
1210353	High Plains aquifer system	NULL	Surveillance	No	
1210401	High Plains aquifer system	137	Surveillance	Yes	
1210513	High Plains aquifer system	NULL	Surveillance	Yes	
1211207	High Plains aquifer system	195	Surveillance	Yes	
1211212	High Plains aquifer system	123	Surveillance	Yes	
1211310	High Plains aquifer system	182	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
1211313	High Plains aquifer system	208	Surveillance	Yes	
1211327	High Plains aquifer system	NULL	Surveillance	Yes	
1211353	High Plains aquifer system	213	Surveillance	Yes	
1211404	High Plains aquifer system	210	Surveillance	Yes	
1211508	High Plains aquifer system	205	Surveillance	No	1211217
1211607	High Plains aquifer system	223	Surveillance	Yes	
1212112	High Plains aquifer system	NULL	Surveillance	Yes	
1212152	High Plains aquifer system	160	Surveillance	Yes	
1212552	High Plains aquifer system	NULL	Surveillance	No	1212202
1214308	Blaine aquifer system	245	Surveillance	Yes	
1214901	Blaine aquifer system	174	Surveillance	Yes	
1214902	Blaine aquifer system	123	Surveillance	Yes	
1214916	Blaine aquifer system	125	Surveillance	Yes	
1215501	Blaine aquifer system	238	Surveillance	Yes	
1221301	Blaine aquifer system	225	Surveillance	No	1231804
1223206	Blaine aquifer system	240	Surveillance	Yes	
1223210	Blaine aquifer system	305	Surveillance	Yes	
1223307	Blaine aquifer system	290	Surveillance	Yes	
1223603	Blaine aquifer system	177	Surveillance	Yes	
1224105	Blaine aquifer system	280	Surveillance	Yes	
1224207	Blaine aquifer system	212	Surveillance	Yes	
1224212	Blaine aquifer system	227	Surveillance	Yes	
1224501	Blaine aquifer system	338	Surveillance	Yes	
1224702	Blaine aquifer system	150	Surveillance	Yes	
1224703	Blaine aquifer system	155	Surveillance	Yes	
1231305	Blaine aquifer system	148	Surveillance	Yes	
1232301	Blaine aquifer system	150	Surveillance	Yes	
1248803	Blaine aquifer system	165	Surveillance	Yes	
1325902	Blaine aquifer system	250	Surveillance	Yes	
1333102	Blaine aquifer system	195	Surveillance	Yes	
1333403	Blaine aquifer system	230	Surveillance	Yes	
1333501	Blaine aquifer system	200	Surveillance	Yes	
1342402	Blaine aquifer system	100	Surveillance	Yes	
1342804	Blaine aquifer system	120	Surveillance	Yes	
1342806	Blaine aquifer system	136	Surveillance	Yes	
1358701	Blaine aquifer system	33	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2214504	Blaine aquifer system	230	Surveillance	Yes	
2231501	Blaine aquifer system	60	Surveillance	No	
2238301	Blaine aquifer system	25	Surveillance	Yes	
2301203	High Plains aquifer system	356	Surveillance	Yes	
2301308	High Plains aquifer system	356	Surveillance	Yes	
2301404	High Plains aquifer system	NULL	Surveillance	Yes	
2301704	High Plains aquifer system	NULL	Surveillance	Yes	
2301802	High Plains aquifer system	345	Surveillance	Yes	
2301901	High Plains aquifer system	202	Surveillance	Yes	
2302104	High Plains aquifer system	330	Surveillance	Yes	
2302205	High Plains aquifer system	NULL	Surveillance	Yes	
2302302	High Plains aquifer system	162	Surveillance	Yes	
2302411	High Plains aquifer system	NULL	Surveillance	Yes	
2302501	High Plains aquifer system	351	Surveillance	Yes	
2302504	High Plains aquifer system	295	Surveillance	Yes	
2302601	High Plains aquifer system	NULL	Surveillance	Yes	
2302602	High Plains aquifer system	NULL	Surveillance	Yes	
2302703	High Plains aquifer system	NULL	Surveillance	Yes	
2302801	High Plains aquifer system	220	Surveillance	Yes	
2302901	High Plains aquifer system	374	Surveillance	Yes	
2303103	High Plains aquifer system	140	Surveillance	Yes	
2303201	High Plains aquifer system	201	Surveillance	Yes	
2303513	High Plains aquifer system	NULL	Surveillance	Yes	
2303703	High Plains aquifer system	NULL	Surveillance	No	
2303802	High Plains aquifer system	NULL	Surveillance	Yes	
2303903	High Plains aquifer system	NULL	Surveillance	Yes	
2304302	High Plains aquifer system	420	Surveillance	Yes	
2304405	High Plains aquifer system	NULL	Surveillance	Yes	
2304504	High Plains aquifer system	384	Surveillance	No	
2304506	High Plains aquifer system	379	Surveillance	Yes	
2304602	High Plains aquifer system	325	Surveillance	Yes	
2304603	High Plains aquifer system	388	Surveillance	Yes	
2304802	High Plains aquifer system	388	Surveillance	Yes	
2305202	High Plains aquifer system	412	Surveillance	Yes	
2305602	High Plains aquifer system	365	Surveillance	Yes	
2305701	High Plains aquifer system	440	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2305803	High Plains aquifer system	426	Surveillance	Yes	
2306113	High Plains aquifer system	210	Surveillance	Yes	
2306303	High Plains aquifer system	264	Surveillance	Yes	
2306503	High Plains aquifer system	373	Surveillance	Yes	
2306504	High Plains aquifer system	397	Surveillance	Yes	
2306601	High Plains aquifer system	360	Surveillance	Yes	
2307105	High Plains aquifer system	360	Surveillance	Yes	
2307203	High Plains aquifer system	382	Surveillance	Yes	
2307404	High Plains aquifer system	353	Surveillance	Yes	
2307505	High Plains aquifer system	367	Surveillance	Yes	
2307702	High Plains aquifer system	310	Surveillance	Yes	
2307901	High Plains aquifer system	391	Surveillance	Yes	
2308201	High Plains aquifer system	355	Surveillance	Yes	
2308401	High Plains aquifer system	376	Surveillance	Yes	
2308503	High Plains aquifer system	385	Surveillance	Yes	
2308701	High Plains aquifer system	358	Surveillance	Yes	
2309106	High Plains aquifer system	186	Surveillance	Yes	
2309501	High Plains aquifer system	215	Surveillance	Yes	
2310112	High Plains aquifer system	NULL	Surveillance	Yes	
2310203	High Plains aquifer system	NULL	Surveillance	Yes	
2310502	High Plains aquifer system	300	Surveillance	Yes	
2310902	High Plains aquifer system	NULL	Surveillance	Yes	
2311103	High Plains aquifer system	280	Surveillance	Yes	
2311401	High Plains aquifer system	NULL	Surveillance	Yes	
2311702	High Plains aquifer system	300	Surveillance	Yes	
2311801	High Plains aquifer system	350	Surveillance	Yes	
2311904	High Plains aquifer system	291	Surveillance	Yes	
2312102	High Plains aquifer system	340	Surveillance	Yes	
2312401	High Plains aquifer system	365	Surveillance	Yes	
2312402	High Plains aquifer system	NULL	Surveillance	Yes	
2312608	High Plains aquifer system	375	Surveillance	Yes	
2312902	High Plains aquifer system	350	Surveillance	Yes	
2313102	High Plains aquifer system	410	Surveillance	Yes	
2313302	High Plains aquifer system	400	Surveillance	Yes	
2313303	High Plains aquifer system	340	Surveillance	Yes	
2313402	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2313805	High Plains aquifer system	NULL	Surveillance	Yes	
2313904	High Plains aquifer system	NULL	Surveillance	Yes	
2314101	High Plains aquifer system	375	Surveillance	Yes	
2314202	High Plains aquifer system	392	Surveillance	Yes	
2314403	High Plains aquifer system	353	Surveillance	Yes	
2314602	High Plains aquifer system	NULL	Surveillance	Yes	
2314803	High Plains aquifer system	NULL	Surveillance	Yes	
2315102	High Plains aquifer system	353	Surveillance	Yes	
2315204	High Plains aquifer system	418	Surveillance	Yes	
2315403	High Plains aquifer system	NULL	Surveillance	Yes	
2315606	High Plains aquifer system	NULL	Surveillance	Yes	
2315701	High Plains aquifer system	NULL	Surveillance	Yes	
2315801	High Plains aquifer system	350	Surveillance	No	
2316101	High Plains aquifer system	398	Surveillance	Yes	
2316501	High Plains aquifer system	408	Surveillance	Yes	
2316703	High Plains aquifer system	494	Surveillance	Yes	
2316801	High Plains aquifer system	NULL	Surveillance	Yes	
2317104	High Plains aquifer system	171	Surveillance	Yes	
2317202	High Plains aquifer system	212	Surveillance	Yes	
2317406	High Plains aquifer system	140	Surveillance	Yes	
2317506	High Plains aquifer system	148	Surveillance	Yes	
2317601	High Plains aquifer system	159	Surveillance	Yes	
2317704	High Plains aquifer system	NULL	Surveillance	Yes	
2317901	High Plains aquifer system	NULL	Surveillance	Yes	
2318109	High Plains aquifer system	210	Surveillance	Yes	
2318409	High Plains aquifer system	194	Surveillance	Yes	
2318704	High Plains aquifer system	NULL	Surveillance	Yes	
2318712	High Plains aquifer system	198	Surveillance	Yes	
2318802	High Plains aquifer system	212	Surveillance	Yes	
2319103	High Plains aquifer system	NULL	Surveillance	Yes	
2319304	High Plains aquifer system	300	Surveillance	Yes	
2319501	High Plains aquifer system	300	Surveillance	No	
2320201	High Plains aquifer system	NULL	Surveillance	Yes	
2320305	High Plains aquifer system	NULL	Surveillance	Yes	
2320401	High Plains aquifer system	335	Surveillance	Yes	
2320509	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2320615	High Plains aquifer system	NULL	Surveillance	Yes	
2320701	High Plains aquifer system	262	Surveillance	No	
2320805	High Plains aquifer system	324	Surveillance	Yes	
2320906	High Plains aquifer system	NULL	Surveillance	Yes	
2320907	High Plains aquifer system	347	Surveillance	Yes	
2321303	High Plains aquifer system	NULL	Surveillance	Yes	
2321402	High Plains aquifer system	NULL	Surveillance	Yes	
2321611	High Plains aquifer system	NULL	Surveillance	Yes	
2321706	High Plains aquifer system	345	Surveillance	Yes	
2321801	High Plains aquifer system	367	Surveillance	Yes	
2321903	High Plains aquifer system	NULL	Surveillance	Yes	
2322102	High Plains aquifer system	NULL	Surveillance	Yes	
2322205	High Plains aquifer system	NULL	Surveillance	Yes	
2322502	High Plains aquifer system	NULL	Surveillance	Yes	
2322602	High Plains aquifer system	NULL	Surveillance	Yes	
2322704	High Plains aquifer system	NULL	Surveillance	Yes	
2322907	High Plains aquifer system	NULL	Surveillance	Yes	
2323302	High Plains aquifer system	NULL	Surveillance	Yes	
2323407	High Plains aquifer system	460	Surveillance	Yes	
2323805	High Plains aquifer system	NULL	Surveillance	Yes	
2324405	High Plains aquifer system	NULL	Surveillance	No	
2324505	High Plains aquifer system	NULL	Surveillance	Yes	
2325304	High Plains aquifer system	150	Surveillance	Yes	
2325401	High Plains aquifer system	208	Surveillance	Yes	
2325504	High Plains aquifer system	140	Surveillance	Yes	
2325803	High Plains aquifer system	150	Surveillance	Yes	
2325904	High Plains aquifer system	108	Surveillance	Yes	
2325908	High Plains aquifer system	107	Surveillance	Yes	
2326207	High Plains aquifer system	118	Surveillance	Yes	
2326301	High Plains aquifer system	130	Surveillance	Yes	
2326404	High Plains aquifer system	111	Surveillance	No	
2326604	High Plains aquifer system	112	Surveillance	Yes	
2326802	High Plains aquifer system	130	Surveillance	Yes	
2327207	High Plains aquifer system	253	Surveillance	Yes	
2327302	High Plains aquifer system	210	Surveillance	No	
2327402	High Plains aquifer system	115	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2327601	High Plains aquifer system	160	Surveillance	Yes	
2327603	High Plains aquifer system	118	Surveillance	Yes	
2327721	High Plains aquifer system	135	Surveillance	Yes	
2327811	High Plains aquifer system	152	Surveillance	Yes	
2328203	High Plains aquifer system	280	Surveillance	Yes	
2328310	High Plains aquifer system	NULL	Surveillance	Yes	
2328313	High Plains aquifer system	290	Surveillance	Yes	
2328503	High Plains aquifer system	224	Surveillance	Yes	
2328901	High Plains aquifer system	NULL	Surveillance	Yes	
2329201	High Plains aquifer system	260	Surveillance	Yes	
2329203	High Plains aquifer system	NULL	Surveillance	Yes	
2329302	High Plains aquifer system	306	Surveillance	Yes	
2329402	High Plains aquifer system	NULL	Surveillance	Yes	
2329602	High Plains aquifer system	NULL	Surveillance	Yes	
2329702	High Plains aquifer system	NULL	Surveillance	Yes	
2329803	High Plains aquifer system	NULL	Surveillance	Yes	
2330201	High Plains aquifer system	NULL	Surveillance	Yes	
2330302	High Plains aquifer system	NULL	Surveillance	Yes	
2330402	High Plains aquifer system	NULL	Surveillance	Yes	
2330502	High Plains aquifer system	294	Surveillance	Yes	
2330701	High Plains aquifer system	NULL	Surveillance	Yes	
2330901	High Plains aquifer system	311	Surveillance	Yes	
2331101	High Plains aquifer system	300	Surveillance	Yes	
2333203	High Plains aquifer system	NULL	Surveillance	Yes	
2333301	High Plains aquifer system	152	Surveillance	No	
2333401	High Plains aquifer system	NULL	Surveillance	Yes	
2333601	High Plains aquifer system	NULL	Surveillance	Yes	
2333603	High Plains aquifer system	NULL	Surveillance	Yes	
2333801	High Plains aquifer system	NULL	Surveillance	Yes	
2333901	High Plains aquifer system	149	Surveillance	Yes	
2334202	High Plains aquifer system	173	Surveillance	Yes	
2334402	High Plains aquifer system	1499	Surveillance	Yes	
2334502	High Plains aquifer system	195	Surveillance	Yes	
2334604	High Plains aquifer system	172	Surveillance	Yes	
2334801	High Plains aquifer system	185	Surveillance	Yes	
2334903	High Plains aquifer system	199	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2335101	High Plains aquifer system	110	Surveillance	Yes	
2335502	High Plains aquifer system	NULL	Surveillance	Yes	
2335707	High Plains aquifer system	240	Surveillance	Yes	
2335710	High Plains aquifer system	274	Surveillance	Yes	
2335801	High Plains aquifer system	115	Surveillance	Yes	
2335810	High Plains aquifer system	NULL	Surveillance	Yes	
2335901	High Plains aquifer system	NULL	Surveillance	Yes	
2335902	High Plains aquifer system	274	Surveillance	Yes	
2335907	High Plains aquifer system	252	Surveillance	Yes	
2336201	High Plains aquifer system	110	Surveillance	Yes	
2336401	High Plains aquifer system	150	Surveillance	Yes	
2336701	High Plains aquifer system	185	Surveillance	Yes	
2336702	High Plains aquifer system	304	Surveillance	Yes	
2336708	High Plains aquifer system	280	Surveillance	Yes	
2336806	High Plains aquifer system	218	Surveillance	Yes	
2337204	High Plains aquifer system	NULL	Surveillance	Yes	
2338102	High Plains aquifer system	NULL	Surveillance	No	
2341204	High Plains aquifer system	138	Surveillance	Yes	
2341301	High Plains aquifer system	194	Surveillance	Yes	
2341302	High Plains aquifer system	151	Surveillance	Yes	
2341401	High Plains aquifer system	132	Surveillance	Yes	
2341402	High Plains aquifer system	135	Surveillance	Yes	
2341501	High Plains aquifer system	NULL	Surveillance	Yes	
2341606	High Plains aquifer system	NULL	Surveillance	Yes	
2341804	High Plains aquifer system	142	Surveillance	Yes	
2341901	High Plains aquifer system	160	Surveillance	Yes	
2341902	High Plains aquifer system	145	Surveillance	Yes	
2342101	High Plains aquifer system	NULL	Surveillance	Yes	
2342301	High Plains aquifer system	156	Surveillance	Yes	
2342309	High Plains aquifer system	188	Surveillance	Yes	
2342401	High Plains aquifer system	152	Surveillance	Yes	
2342502	High Plains aquifer system	124	Surveillance	Yes	
2342601	High Plains aquifer system	93	Surveillance	Yes	
2342602	High Plains aquifer system	136	Surveillance	Yes	
2342704	High Plains aquifer system	125	Surveillance	Yes	
2342801	High Plains aquifer system	103	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2342803	High Plains aquifer system	98	Surveillance	Yes	
2343201	High Plains aquifer system	97	Surveillance	Yes	
2343301	High Plains aquifer system	NULL	Surveillance	Yes	
2343502	High Plains aquifer system	120	Surveillance	Yes	
2343601	High Plains aquifer system	NULL	Surveillance	Yes	
2343901	High Plains aquifer system	NULL	Surveillance	Yes	
2343902	High Plains aquifer system	50	Surveillance	Yes	
2344101	High Plains aquifer system	103	Surveillance	Yes	
2344401	High Plains aquifer system	150	Surveillance	Yes	
2344702	High Plains aquifer system	NULL	Surveillance	Yes	
2349101	High Plains aquifer system	140	Surveillance	Yes	
2349103	High Plains aquifer system	100	Surveillance	No	
2349801	High Plains aquifer system	85	Surveillance	Yes	
2350203	High Plains aquifer system	105	Surveillance	Yes	
2350506	High Plains aquifer system	NULL	Surveillance	Yes	
2350802	High Plains aquifer system	NULL	Surveillance	Yes	
2351101	High Plains aquifer system	NULL	Surveillance	Yes	
2351203	High Plains aquifer system	NULL	Surveillance	Yes	
2351505	High Plains aquifer system	NULL	Surveillance	Yes	
2351901	High Plains aquifer system	75	Surveillance	Yes	
2352101	High Plains aquifer system	98	Surveillance	Yes	
2352701	High Plains aquifer system	60	Surveillance	Yes	
2352803	High Plains aquifer system	NULL	Surveillance	Yes	
2353703	High Plains aquifer system	NULL	Surveillance	Yes	
2357302	High Plains aquifer system	70	Surveillance	Yes	
2357401	High Plains aquifer system	85	Surveillance	Yes	
2357504	High Plains aquifer system	100	Surveillance	Yes	
2357705	High Plains aquifer system	NULL	Surveillance	Yes	
2357807	High Plains aquifer system	100	Surveillance	Yes	
2358401	High Plains aquifer system	60	Surveillance	No	
2358503	High Plains aquifer system	35	Surveillance	Yes	
2358702	High Plains aquifer system	NULL	Surveillance	Yes	
2358902	High Plains aquifer system	69	Surveillance	Yes	
2359101	High Plains aquifer system	85	Surveillance	Yes	
2359602	High Plains aquifer system	NULL	Surveillance	Yes	
2359801	High Plains aquifer system	80	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2401104	High Plains aquifer system	NULL	Surveillance	Yes	
2401201	High Plains aquifer system	NULL	Surveillance	Yes	
2401501	High Plains aquifer system	200	Surveillance	Yes	
2401601	High Plains aquifer system	175	Surveillance	Yes	
2401701	High Plains aquifer system	193	Surveillance	Yes	
2402301	High Plains aquifer system	80	Surveillance	Yes	
2402501	High Plains aquifer system	NULL	Surveillance	Yes	
2402701	High Plains aquifer system	95	Surveillance	Yes	
2402702	High Plains aquifer system	83	Surveillance	Yes	
2402902	High Plains aquifer system	83	Surveillance	No	
2403102	High Plains aquifer system	95	Surveillance	Yes	
2403201	High Plains aquifer system	NULL	Surveillance	Yes	
2403501	High Plains aquifer system	NULL	Surveillance	Yes	
2403602	High Plains aquifer system	NULL	Surveillance	Yes	
2403901	High Plains aquifer system	68	Surveillance	Yes	
2404301	High Plains aquifer system	150	Surveillance	Yes	
2404501	High Plains aquifer system	NULL	Surveillance	Yes	
2404702	High Plains aquifer system	NULL	Surveillance	Yes	
2404801	High Plains aquifer system	NULL	Surveillance	Yes	
2405304	High Plains aquifer system	131	Surveillance	Yes	
2405801	High Plains aquifer system	NULL	Surveillance	Yes	
2406102	High Plains aquifer system	188	Surveillance	Yes	
2406402	High Plains aquifer system	176	Surveillance	Yes	
2406512	High Plains aquifer system	NULL	Surveillance	Yes	
2406903	High Plains aquifer system	148	Surveillance	Yes	
2407101	High Plains aquifer system	213	Surveillance	Yes	
2407203	High Plains aquifer system	250	Surveillance	Yes	
2407305	High Plains aquifer system	285	Surveillance	Yes	
2407402	High Plains aquifer system	192	Surveillance	Yes	
2407605	High Plains aquifer system	203	Surveillance	Yes	
2407701	High Plains aquifer system	178	Surveillance	Yes	
2408205	High Plains aquifer system	NULL	Surveillance	Yes	
2408301	High Plains aquifer system	341	Surveillance	Yes	
2408402	High Plains aquifer system	197	Surveillance	Yes	
2408602	High Plains aquifer system	331	Surveillance	Yes	
2408703	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2408803	High Plains aquifer system	283	Surveillance	Yes	
2408902	High Plains aquifer system	302	Surveillance	Yes	
2409103	High Plains aquifer system	219	Surveillance	Yes	
2409302	High Plains aquifer system	173	Surveillance	Yes	
2409501	High Plains aquifer system	217	Surveillance	Yes	
2409607	High Plains aquifer system	192	Surveillance	Yes	
2409801	High Plains aquifer system	177	Surveillance	Yes	
2409901	High Plains aquifer system	193	Surveillance	Yes	
2410101	High Plains aquifer system	138	Surveillance	Yes	
2410102	High Plains aquifer system	270	Surveillance	Yes	
2410201	High Plains aquifer system	207	Surveillance	Yes	
2410303	High Plains aquifer system	162	Surveillance	Yes	
2410503	High Plains aquifer system	134	Surveillance	Yes	
2410903	High Plains aquifer system	151	Surveillance	Yes	
2411202	High Plains aquifer system	NULL	Surveillance	Yes	
2411203	High Plains aquifer system	139	Surveillance	Yes	
2411301	High Plains aquifer system	70	Surveillance	Yes	
2411302	High Plains aquifer system	105	Surveillance	Yes	
2411403	High Plains aquifer system	130	Surveillance	No	
2411501	High Plains aquifer system	NULL	Surveillance	Yes	
2411805	High Plains aquifer system	181	Surveillance	Yes	
2413202	High Plains aquifer system	NULL	Surveillance	Yes	
2413501	High Plains aquifer system	NULL	Surveillance	No	
2413902	High Plains aquifer system	NULL	Surveillance	Yes	
2414101	High Plains aquifer system	120	Surveillance	Yes	
2414301	High Plains aquifer system	108	Surveillance	Yes	
2414502	High Plains aquifer system	NULL	Surveillance	Yes	
2414601	High Plains aquifer system	181	Surveillance	Yes	
2414903	High Plains aquifer system	145	Surveillance	Yes	
2415305	High Plains aquifer system	NULL	Surveillance	Yes	
2415504	High Plains aquifer system	100	Surveillance	Yes	
2415507	High Plains aquifer system	115	Surveillance	Yes	
2415605	High Plains aquifer system	114	Surveillance	Yes	
2415802	High Plains aquifer system	NULL	Surveillance	Yes	
2416106	High Plains aquifer system	NULL	Surveillance	No	
2416208	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2416311	High Plains aquifer system	181	Surveillance	Yes	
2416405	High Plains aquifer system	164	Surveillance	Yes	
2416601	High Plains aquifer system	NULL	Surveillance	Yes	
2416706	High Plains aquifer system	112	Surveillance	Yes	
2416707	High Plains aquifer system	NULL	Surveillance	Yes	
2416708	High Plains aquifer system	NULL	Surveillance	Yes	
2416802	High Plains aquifer system	223	Surveillance	Yes	
2416901	High Plains aquifer system	196	Surveillance	Yes	
2417102	High Plains aquifer system	211	Surveillance	Yes	
2417504	High Plains aquifer system	200	Surveillance	Yes	
2417604	High Plains aquifer system	200	Surveillance	No	
2417701	High Plains aquifer system	NULL	Surveillance	Yes	
2417801	High Plains aquifer system	203	Surveillance	Yes	
2417903	High Plains aquifer system	NULL	Surveillance	Yes	
2418102	High Plains aquifer system	NULL	Surveillance	Yes	
2418103	High Plains aquifer system	190	Surveillance	Yes	
2418201	High Plains aquifer system	254	Surveillance	Yes	
2418202	High Plains aquifer system	190	Surveillance	Yes	
2418301	High Plains aquifer system	181	Surveillance	Yes	
2418312	High Plains aquifer system	NULL	Surveillance	Yes	
2418401	High Plains aquifer system	194	Surveillance	Yes	
2418502	High Plains aquifer system	248	Surveillance	Yes	
2418801	High Plains aquifer system	NULL	Surveillance	No	
2418901	High Plains aquifer system	189	Surveillance	Yes	
2418904	High Plains aquifer system	214	Surveillance	Yes	
2419301	High Plains aquifer system	NULL	Surveillance	Yes	
2419601	High Plains aquifer system	NULL	Surveillance	Yes	
2419702	High Plains aquifer system	198	Surveillance	Yes	
2419703	High Plains aquifer system	195	Surveillance	Yes	
2420102	High Plains aquifer system	NULL	Surveillance	Yes	
2420201	High Plains aquifer system	230	Surveillance	Yes	
2420501	High Plains aquifer system	245	Surveillance	Yes	
2420603	High Plains aquifer system	280	Surveillance	Yes	
2420701	High Plains aquifer system	200	Surveillance	Yes	
2420901	High Plains aquifer system	NULL	Surveillance	Yes	
2421201	High Plains aquifer system	90	Surveillance	No	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2421401	High Plains aquifer system	NULL	Surveillance	Yes	
2421402	High Plains aquifer system	NULL	Surveillance	Yes	
2421702	High Plains aquifer system	255	Surveillance	Yes	
2421803	High Plains aquifer system	224	Surveillance	Yes	
2421904	High Plains aquifer system	247	Surveillance	Yes	
2421905	High Plains aquifer system	218	Surveillance	No	
2422202	High Plains aquifer system	116	Surveillance	Yes	
2422802	High Plains aquifer system	163	Surveillance	Yes	
2423102	High Plains aquifer system	167	Surveillance	Yes	
2423304	High Plains aquifer system	162	Surveillance	Yes	
2423305	High Plains aquifer system	200	Surveillance	Yes	
2423502	High Plains aquifer system	176	Surveillance	Yes	
2423701	High Plains aquifer system	150	Surveillance	Yes	
2424216	High Plains aquifer system	175	Surveillance	Yes	
2424301	High Plains aquifer system	176	Surveillance	Yes	
2424402	High Plains aquifer system	190	Surveillance	Yes	
2424602	High Plains aquifer system	117	Surveillance	Yes	
2424703	High Plains aquifer system	202	Surveillance	Yes	
2424804	High Plains aquifer system	207	Surveillance	No	
2425101	High Plains aquifer system	295	Surveillance	Yes	
2425702	High Plains aquifer system	220	Surveillance	Yes	
2426501	High Plains aquifer system	NULL	Surveillance	Yes	
2426702	High Plains aquifer system	NULL	Surveillance	Yes	
2427201	High Plains aquifer system	NULL	Surveillance	Yes	
2427301	High Plains aquifer system	NULL	Surveillance	Yes	
2427801	High Plains aquifer system	NULL	Surveillance	Yes	
2427901	High Plains aquifer system	NULL	Surveillance	Yes	
2428103	High Plains aquifer system	212	Surveillance	Yes	
2428203	High Plains aquifer system	219	Surveillance	Yes	
2428303	High Plains aquifer system	210	Surveillance	Yes	
2428401	High Plains aquifer system	283	Surveillance	Yes	
2428601	High Plains aquifer system	231	Surveillance	Yes	
2428801	High Plains aquifer system	NULL	Surveillance	Yes	
2428901	High Plains aquifer system	232	Surveillance	Yes	
2429401	High Plains aquifer system	212	Surveillance	Yes	
2429603	High Plains aquifer system	173	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2429802	High Plains aquifer system	212	Surveillance	Yes	
2429901	High Plains aquifer system	NULL	Surveillance	Yes	
2430306	High Plains aquifer system	NULL	Surveillance	Yes	
2430409	High Plains aquifer system	230	Surveillance	Yes	
2430502	High Plains aquifer system	186	Surveillance	Yes	
2430801	High Plains aquifer system	268	Surveillance	Yes	
2430901	High Plains aquifer system	210	Surveillance	Yes	
2431304	High Plains aquifer system	140	Surveillance	Yes	
2431402	High Plains aquifer system	NULL	Surveillance	Yes	
2431501	High Plains aquifer system	140	Surveillance	Yes	
2431601	High Plains aquifer system	146	Surveillance	Yes	
2431902	High Plains aquifer system	161	Surveillance	Yes	
2432203	High Plains aquifer system	NULL	Surveillance	Yes	
2432305	High Plains aquifer system	157	Surveillance	No	
2432317	High Plains aquifer system	199	Surveillance	Yes	
2432318	High Plains aquifer system	150	Surveillance	Yes	
2432406	High Plains aquifer system	145	Surveillance	Yes	
2432502	High Plains aquifer system	190	Surveillance	Yes	
2432608	High Plains aquifer system	203	Surveillance	Yes	
2432702	High Plains aquifer system	176	Surveillance	Yes	
2433101	High Plains aquifer system	NULL	Surveillance	Yes	
2433201	High Plains aquifer system	240	Surveillance	Yes	
2433401	High Plains aquifer system	NULL	Surveillance	Yes	
2433502	High Plains aquifer system	232	Surveillance	Yes	
2433703	High Plains aquifer system	NULL	Surveillance	Yes	
2433801	High Plains aquifer system	NULL	Surveillance	Yes	
2433802	High Plains aquifer system	223	Surveillance	Yes	
2434304	High Plains aquifer system	270	Surveillance	Yes	
2434401	High Plains aquifer system	NULL	Surveillance	Yes	
2434801	High Plains aquifer system	NULL	Surveillance	Yes	
2435305	High Plains aquifer system	NULL	Surveillance	Yes	
2435503	High Plains aquifer system	NULL	Surveillance	Yes	
2435601	High Plains aquifer system	NULL	Surveillance	Yes	
2436103	High Plains aquifer system	NULL	Surveillance	Yes	
2436302	High Plains aquifer system	224	Surveillance	Yes	
2436501	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2437101	High Plains aquifer system	207	Surveillance	Yes	
2437204	High Plains aquifer system	235	Surveillance	Yes	
2437502	High Plains aquifer system	196	Surveillance	Yes	
2437703	High Plains aquifer system	NULL	Surveillance	Yes	
2437901	High Plains aquifer system	175	Surveillance	Yes	
2437903	High Plains aquifer system	NULL	Surveillance	Yes	
2437904	High Plains aquifer system	NULL	Surveillance	Yes	
2438203	High Plains aquifer system	262	Surveillance	Yes	
2438404	High Plains aquifer system	195	Surveillance	Yes	
2438502	High Plains aquifer system	NULL	Surveillance	Yes	
2438603	High Plains aquifer system	NULL	Surveillance	Yes	
2438701	High Plains aquifer system	NULL	Surveillance	Yes	
2438801	High Plains aquifer system	213	Surveillance	Yes	
2438902	High Plains aquifer system	NULL	Surveillance	Yes	
2439101	High Plains aquifer system	208	Surveillance	Yes	
2439302	High Plains aquifer system	196	Surveillance	Yes	
2439502	High Plains aquifer system	NULL	Surveillance	Yes	
2439803	High Plains aquifer system	NULL	Surveillance	Yes	
2439901	High Plains aquifer system	NULL	Surveillance	Yes	
2439904	High Plains aquifer system	150	Surveillance	Yes	
2440102	High Plains aquifer system	NULL	Surveillance	Yes	
2440207	High Plains aquifer system	195	Surveillance	Yes	
2440311	High Plains aquifer system	NULL	Surveillance	Yes	
2440504	High Plains aquifer system	192	Surveillance	Yes	
2440603	High Plains aquifer system	146	Surveillance	Yes	
2440701	High Plains aquifer system	132	Surveillance	Yes	
2440703	High Plains aquifer system	200	Surveillance	Yes	
2440903	High Plains aquifer system	NULL	Surveillance	Yes	
2441402	High Plains aquifer system	220	Surveillance	Yes	
2441602	High Plains aquifer system	155	Surveillance	Yes	
2441802	High Plains aquifer system	118	Surveillance	Yes	
2441804	High Plains aquifer system	NULL	Surveillance	Yes	
2442401	High Plains aquifer system	NULL	Surveillance	Yes	
2442504	High Plains aquifer system	NULL	Surveillance	Yes	
2443403	High Plains aquifer system	NULL	Surveillance	Yes	
2443501	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2443801	High Plains aquifer system	140	Surveillance	Yes	
2444201	High Plains aquifer system	NULL	Surveillance	Yes	
2444202	High Plains aquifer system	NULL	Surveillance	Yes	
2444501	High Plains aquifer system	NULL	Surveillance	Yes	
2444601	High Plains aquifer system	NULL	Surveillance	Yes	
2444602	High Plains aquifer system	NULL	Surveillance	Yes	
2444902	High Plains aquifer system	NULL	Surveillance	Yes	
2445201	High Plains aquifer system	NULL	Surveillance	No	
2445301	High Plains aquifer system	NULL	Surveillance	Yes	
2445501	High Plains aquifer system	NULL	Surveillance	Yes	
2445602	High Plains aquifer system	NULL	Surveillance	Yes	
2445603	High Plains aquifer system	185	Surveillance	Yes	
2445701	High Plains aquifer system	NULL	Surveillance	Yes	
2445902	High Plains aquifer system	160	Surveillance	Yes	
2446101	High Plains aquifer system	NULL	Surveillance	Yes	
2446102	High Plains aquifer system	165	Surveillance	Yes	
2446201	High Plains aquifer system	NULL	Surveillance	Yes	
2446303	High Plains aquifer system	NULL	Surveillance	Yes	
2446402	High Plains aquifer system	NULL	Surveillance	Yes	
2446403	High Plains aquifer system	NULL	Surveillance	Yes	
2446502	High Plains aquifer system	NULL	Surveillance	Yes	
2446802	High Plains aquifer system	168	Surveillance	Yes	
2446901	High Plains aquifer system	NULL	Surveillance	Yes	
2447104	High Plains aquifer system	160	Surveillance	Yes	
2447201	High Plains aquifer system	88	Surveillance	Yes	
2447202	High Plains aquifer system	149	Surveillance	Yes	
2447301	High Plains aquifer system	NULL	Surveillance	Yes	
2447402	High Plains aquifer system	NULL	Surveillance	Yes	
2447501	High Plains aquifer system	132	Surveillance	Yes	
2447601	High Plains aquifer system	NULL	Surveillance	Yes	
2447801	High Plains aquifer system	NULL	Surveillance	Yes	
2447903	High Plains aquifer system	NULL	Surveillance	Yes	
2448204	High Plains aquifer system	152	Surveillance	Yes	
2448205	High Plains aquifer system	NULL	Surveillance	Yes	
2448302	High Plains aquifer system	NULL	Surveillance	Yes	
2448401	High Plains aquifer system	140	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2448402	High Plains aquifer system	NULL	Surveillance	Yes	
2448702	High Plains aquifer system	105	Surveillance	Yes	
2448801	High Plains aquifer system	NULL	Surveillance	Yes	
2448901	High Plains aquifer system	156	Surveillance	Yes	
2449101	High Plains aquifer system	NULL	Surveillance	Yes	
2449201	High Plains aquifer system	NULL	Surveillance	Yes	
2449203	High Plains aquifer system	161	Surveillance	Yes	
2449303	High Plains aquifer system	NULL	Surveillance	Yes	
2449401	High Plains aquifer system	165	Surveillance	Yes	
2449601	High Plains aquifer system	NULL	Surveillance	Yes	
2449702	High Plains aquifer system	NULL	Surveillance	Yes	
2449802	High Plains aquifer system	NULL	Surveillance	Yes	
2449903	High Plains aquifer system	NULL	Surveillance	Yes	
2450203	High Plains aquifer system	148	Surveillance	Yes	
2450204	High Plains aquifer system	190	Surveillance	Yes	
2450402	High Plains aquifer system	NULL	Surveillance	Yes	
2450501	High Plains aquifer system	80	Surveillance	Yes	
2450605	High Plains aquifer system	NULL	Surveillance	Yes	
2450801	High Plains aquifer system	NULL	Surveillance	Yes	
2451101	High Plains aquifer system	NULL	Surveillance	Yes	
2451602	High Plains aquifer system	NULL	Surveillance	Yes	
2451701	High Plains aquifer system	153	Surveillance	Yes	
2452202	High Plains aquifer system	NULL	Surveillance	Yes	
2452301	High Plains aquifer system	NULL	Surveillance	Yes	
2452302	High Plains aquifer system	NULL	Surveillance	Yes	
2452401	High Plains aquifer system	123	Surveillance	Yes	
2452602	High Plains aquifer system	185	Surveillance	Yes	
2452701	High Plains aquifer system	130	Surveillance	Yes	
2452803	High Plains aquifer system	171	Surveillance	Yes	
2452901	High Plains aquifer system	NULL	Surveillance	Yes	
2453101	High Plains aquifer system	NULL	Surveillance	Yes	
2453202	High Plains aquifer system	225	Surveillance	Yes	
2453401	High Plains aquifer system	143	Surveillance	Yes	
2453502	High Plains aquifer system	NULL	Surveillance	Yes	
2453602	High Plains aquifer system	NULL	Surveillance	Yes	
2453701	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2453901	High Plains aquifer system	150	Surveillance	Yes	
2453902	High Plains aquifer system	162	Surveillance	Yes	
2454101	High Plains aquifer system	129	Surveillance	Yes	
2454103	High Plains aquifer system	NULL	Surveillance	Yes	
2454301	High Plains aquifer system	137	Surveillance	Yes	
2454304	High Plains aquifer system	NULL	Surveillance	Yes	
2454306	High Plains aquifer system	NULL	Surveillance	Yes	
2454401	High Plains aquifer system	NULL	Surveillance	Yes	
2454501	High Plains aquifer system	NULL	Surveillance	Yes	
2454702	High Plains aquifer system	NULL	Surveillance	Yes	
2454801	High Plains aquifer system	166	Surveillance	Yes	
2454901	High Plains aquifer system	160	Surveillance	Yes	
2454912	High Plains aquifer system	NULL	Surveillance	Yes	
2455101	High Plains aquifer system	NULL	Surveillance	Yes	
2455102	High Plains aquifer system	NULL	Surveillance	Yes	
2455203	High Plains aquifer system	NULL	Surveillance	Yes	
2455301	High Plains aquifer system	NULL	Surveillance	Yes	
2455401	High Plains aquifer system	110	Surveillance	Yes	
2455505	High Plains aquifer system	NULL	Surveillance	Yes	
2455703	High Plains aquifer system	NULL	Surveillance	Yes	
2455808	High Plains aquifer system	NULL	Surveillance	Yes	
2456101	High Plains aquifer system	NULL	Surveillance	Yes	
2456403	High Plains aquifer system	55	Surveillance	Yes	
2456706	High Plains aquifer system	NULL	Surveillance	Yes	
2456903	High Plains aquifer system	NULL	Surveillance	Yes	
2457112	High Plains aquifer system	NULL	Surveillance	Yes	
2457301	High Plains aquifer system	146	Surveillance	Yes	
2457302	High Plains aquifer system	NULL	Surveillance	No	
2457501	High Plains aquifer system	112	Surveillance	Yes	
2457502	High Plains aquifer system	NULL	Surveillance	Yes	
2457601	High Plains aquifer system	132	Surveillance	Yes	
2457702	High Plains aquifer system	NULL	Surveillance	Yes	
2457802	High Plains aquifer system	NULL	Surveillance	Yes	
2457901	High Plains aquifer system	NULL	Surveillance	Yes	
2458101	High Plains aquifer system	148	Surveillance	Yes	
2458301	High Plains aquifer system	NULL	Surveillance	No	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2458401	High Plains aquifer system	NULL	Surveillance	Yes	
2458501	High Plains aquifer system	NULL	Surveillance	No	
2458508	High Plains aquifer system	NULL	Surveillance	Yes	
2458601	High Plains aquifer system	NULL	Surveillance	Yes	
2458801	High Plains aquifer system	NULL	Surveillance	Yes	
2458901	High Plains aquifer system	NULL	Surveillance	Yes	
2459101	High Plains aquifer system	NULL	Surveillance	Yes	
2459201	High Plains aquifer system	132	Surveillance	Yes	
2459301	High Plains aquifer system	NULL	Surveillance	Yes	
2459601	High Plains aquifer system	NULL	Surveillance	No	
2459801	High Plains aquifer system	NULL	Surveillance	Yes	
2460202	High Plains aquifer system	120	Surveillance	Yes	
2460302	High Plains aquifer system	NULL	Surveillance	Yes	
2460303	High Plains aquifer system	NULL	Surveillance	Yes	
2460402	High Plains aquifer system	NULL	Surveillance	Yes	
2460406	High Plains aquifer system	NULL	Surveillance	Yes	
2460501	High Plains aquifer system	NULL	Surveillance	Yes	
2460801	High Plains aquifer system	NULL	Surveillance	Yes	
2460903	High Plains aquifer system	NULL	Surveillance	Yes	
2461103	High Plains aquifer system	NULL	Surveillance	Yes	
2461402	High Plains aquifer system	150	Surveillance	Yes	
2461506	High Plains aquifer system	NULL	Surveillance	Yes	
2461507	High Plains aquifer system	NULL	Surveillance	Yes	
2461604	High Plains aquifer system	170	Surveillance	Yes	
2461702	High Plains aquifer system	NULL	Surveillance	Yes	
2461901	High Plains aquifer system	152	Surveillance	Yes	
2462103	High Plains aquifer system	NULL	Surveillance	Yes	
2462203	High Plains aquifer system	NULL	Surveillance	Yes	
2462204	High Plains aquifer system	NULL	Surveillance	Yes	
2462403	High Plains aquifer system	NULL	Surveillance	Yes	
2462404	High Plains aquifer system	NULL	Surveillance	Yes	
2462602	High Plains aquifer system	NULL	Surveillance	Yes	
2462701	High Plains aquifer system	150	Surveillance	Yes	
2462901	High Plains aquifer system	NULL	Surveillance	Yes	
2462902	High Plains aquifer system	130	Surveillance	Yes	
2463202	High Plains aquifer system	94	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2463301	High Plains aquifer system	105	Surveillance	Yes	
2463321	High Plains aquifer system	58	Surveillance	Yes	
2463401	High Plains aquifer system	NULL	Surveillance	Yes	
2463402	High Plains aquifer system	118	Surveillance	Yes	
2463603	High Plains aquifer system	NULL	Surveillance	Yes	
2463803	High Plains aquifer system	NULL	Surveillance	Yes	
2463902	High Plains aquifer system	116	Surveillance	Yes	
2464101	High Plains aquifer system	31	Surveillance	Yes	
2464302	High Plains aquifer system	NULL	Surveillance	Yes	
2464403	High Plains aquifer system	NULL	Surveillance	Yes	
2464802	High Plains aquifer system	NULL	Surveillance	Yes	
2464903	High Plains aquifer system	NULL	Surveillance	Yes	
2508604	High Plains aquifer system	NULL	Surveillance	Yes	
2516303	High Plains aquifer system	NULL	Surveillance	Yes	
2516305	High Plains aquifer system	NULL	Surveillance	Yes	
2516603	High Plains aquifer system	NULL	Surveillance	Yes	
2516902	High Plains aquifer system	NULL	Surveillance	Yes	
2516903	High Plains aquifer system	NULL	Surveillance	Yes	
2540601	High Plains aquifer system	NULL	Surveillance	Yes	
2548301	High Plains aquifer system	221	Surveillance	Yes	
2548601	High Plains aquifer system	180	Surveillance	Yes	
2548801	High Plains aquifer system	106	Surveillance	Yes	
2548921	High Plains aquifer system	NULL	Surveillance	Yes	
2556201	High Plains aquifer system	136	Surveillance	Yes	
2556502	High Plains aquifer system	NULL	Surveillance	Yes	
2556901	High Plains aquifer system	NULL	Surveillance	Yes	
2564301	High Plains aquifer system	173	Surveillance	Yes	
2564501	High Plains aquifer system	NULL	Surveillance	No	
2564602	High Plains aquifer system	NULL	Surveillance	No	
2564801	High Plains aquifer system	NULL	Surveillance	Yes	
2564901	High Plains aquifer system	NULL	Surveillance	Yes	
2608202	High Plains aquifer system	170	Surveillance	Yes	
2608506	High Plains aquifer system	NULL	Surveillance	Yes	
2616202	High Plains aquifer system	200	Surveillance	Yes	
2616305	High Plains aquifer system	240	Surveillance	Yes	
2616512	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2616609	High Plains aquifer system	NULL	Surveillance	Yes	
2616804	High Plains aquifer system	NULL	Surveillance	Yes	
2624802	High Plains aquifer system	150	Surveillance	No	
2701202	High Plains aquifer system	257	Surveillance	Yes	
2701301	High Plains aquifer system	NULL	Surveillance	No	
2701416	High Plains aquifer system	NULL	Surveillance	Yes	
2701526	High Plains aquifer system	180	Surveillance	Yes	
2701619	High Plains aquifer system	NULL	Surveillance	Yes	
2701906	High Plains aquifer system	287	Surveillance	Yes	
2702101	High Plains aquifer system	137	Surveillance	Yes	
2702212	High Plains aquifer system	NULL	Surveillance	Yes	
2702303	High Plains aquifer system	NULL	Surveillance	Yes	
2702507	High Plains aquifer system	165	Surveillance	Yes	
2702508	High Plains aquifer system	NULL	Surveillance	Yes	
2702812	High Plains aquifer system	NULL	Surveillance	Yes	
2703101	High Plains aquifer system	NULL	Surveillance	Yes	
2703202	High Plains aquifer system	NULL	Surveillance	Yes	
2703501	High Plains aquifer system	146	Surveillance	Yes	
2703722	High Plains aquifer system	NULL	Surveillance	Yes	
2703816	High Plains aquifer system	NULL	Surveillance	Yes	
2703817	High Plains aquifer system	NULL	Surveillance	Yes	
2703901	High Plains aquifer system	201	Surveillance	Yes	
2704101	High Plains aquifer system	NULL	Surveillance	Yes	
2704201	High Plains aquifer system	NULL	Surveillance	Yes	
2704310	High Plains aquifer system	NULL	Surveillance	Yes	
2704405	High Plains aquifer system	NULL	Surveillance	Yes	
2704506	High Plains aquifer system	183	Surveillance	Yes	
2704614	High Plains aquifer system	NULL	Surveillance	Yes	
2704720	High Plains aquifer system	NULL	Surveillance	Yes	
2704918	High Plains aquifer system	NULL	Surveillance	No	
2705101	High Plains aquifer system	NULL	Surveillance	Yes	
2705201	High Plains aquifer system	155	Surveillance	Yes	
2705301	High Plains aquifer system	NULL	Surveillance	Yes	
2705401	High Plains aquifer system	137	Surveillance	Yes	
2705601	High Plains aquifer system	180	Surveillance	Yes	
2705620	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2705818	High Plains aquifer system	NULL	Surveillance	Yes	
2705922	High Plains aquifer system	NULL	Surveillance	Yes	
2706101	High Plains aquifer system	NULL	Surveillance	Yes	
2706103	High Plains aquifer system	NULL	Surveillance	Yes	
2706209	High Plains aquifer system	NULL	Surveillance	Yes	
2706210	High Plains aquifer system	NULL	Surveillance	Yes	
2706513	High Plains aquifer system	NULL	Surveillance	Yes	
2706801	High Plains aquifer system	NULL	Surveillance	Yes	
2707101	High Plains aquifer system	NULL	Surveillance	Yes	
2707201	High Plains aquifer system	NULL	Surveillance	Yes	
2707202	High Plains aquifer system	140	Surveillance	Yes	
2707301	High Plains aquifer system	NULL	Surveillance	Yes	
2707401	High Plains aquifer system	110	Surveillance	Yes	
2707404	High Plains aquifer system	NULL	Surveillance	Yes	
2707501	High Plains aquifer system	155	Surveillance	Yes	
2707801	High Plains aquifer system	150	Surveillance	Yes	
2707901	High Plains aquifer system	148	Surveillance	Yes	
2708203	High Plains aquifer system	NULL	Surveillance	Yes	
2708301	High Plains aquifer system	85	Surveillance	Yes	
2708302	High Plains aquifer system	106	Surveillance	Yes	
2708405	High Plains aquifer system	145	Surveillance	Yes	
2708503	High Plains aquifer system	100	Surveillance	Yes	
2708602	High Plains aquifer system	60	Surveillance	Yes	
2708701	High Plains aquifer system	NULL	Surveillance	Yes	
2708801	High Plains aquifer system	150	Surveillance	Yes	
2709109	High Plains aquifer system	NULL	Surveillance	Yes	
2709205	High Plains aquifer system	NULL	Surveillance	Yes	
2709601	High Plains aquifer system	156	Surveillance	Yes	
2709702	High Plains aquifer system	NULL	Surveillance	Yes	
2709812	High Plains aquifer system	NULL	Surveillance	Yes	
2709902	High Plains aquifer system	157	Surveillance	Yes	
2709903	High Plains aquifer system	NULL	Surveillance	Yes	
2710109	High Plains aquifer system	NULL	Surveillance	Yes	
2710522	High Plains aquifer system	NULL	Surveillance	Yes	
2710715	High Plains aquifer system	NULL	Surveillance	Yes	
2711109	High Plains aquifer system	146	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2711413	High Plains aquifer system	130	Surveillance	Yes	
2711507	High Plains aquifer system	NULL	Surveillance	Yes	
2711602	High Plains aquifer system	153	Surveillance	Yes	
2711701	High Plains aquifer system	207	Surveillance	Yes	
2711916	High Plains aquifer system	NULL	Surveillance	Yes	
2712105	High Plains aquifer system	NULL	Surveillance	Yes	
2712201	High Plains aquifer system	150	Surveillance	Yes	
2712212	High Plains aquifer system	NULL	Surveillance	Yes	
2712315	High Plains aquifer system	NULL	Surveillance	Yes	
2712501	High Plains aquifer system	NULL	Surveillance	Yes	
2712605	High Plains aquifer system	NULL	Surveillance	Yes	
2712606	High Plains aquifer system	NULL	Surveillance	Yes	
2712714	High Plains aquifer system	212	Surveillance	Yes	
2712908	High Plains aquifer system	211	Surveillance	Yes	
2713314	High Plains aquifer system	160	Surveillance	No	
2713608	High Plains aquifer system	NULL	Surveillance	Yes	
2713711	High Plains aquifer system	189	Surveillance	Yes	
2713802	High Plains aquifer system	NULL	Surveillance	Yes	
2713803	High Plains aquifer system	NULL	Surveillance	Yes	
2714114	High Plains aquifer system	NULL	Surveillance	Yes	
2714202	High Plains aquifer system	NULL	Surveillance	Yes	
2714304	High Plains aquifer system	NULL	Surveillance	Yes	
2714703	High Plains aquifer system	NULL	Surveillance	Yes	
2714903	High Plains aquifer system	NULL	Surveillance	No	
2715201	High Plains aquifer system	150	Surveillance	Yes	
2715204	High Plains aquifer system	NULL	Surveillance	Yes	
2716201	High Plains aquifer system	NULL	Surveillance	Yes	
2716202	High Plains aquifer system	240	Surveillance	Yes	
2716204	High Plains aquifer system	NULL	Surveillance	Yes	
2716205	High Plains aquifer system	182	Surveillance	Yes	
2716605	High Plains aquifer system	NULL	Surveillance	Yes	
2716611	High Plains aquifer system	187	Surveillance	Yes	
2716702	High Plains aquifer system	NULL	Surveillance	Yes	
2716803	High Plains aquifer system	200	Surveillance	Yes	
2717101	High Plains aquifer system	NULL	Surveillance	Yes	
2717416	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2717505	High Plains aquifer system	217	Surveillance	Yes	
2717604	High Plains aquifer system	215	Surveillance	Yes	
2717901	High Plains aquifer system	195	Surveillance	Yes	
2717917	High Plains aquifer system	NULL	Surveillance	Yes	
2718134	High Plains aquifer system	NULL	Surveillance	Yes	
2718410	High Plains aquifer system	NULL	Surveillance	Yes	
2718514	High Plains aquifer system	115	Surveillance	Yes	
2718520	High Plains aquifer system	NULL	Surveillance	Yes	
2718611	High Plains aquifer system	200	Surveillance	Yes	
2718710	High Plains aquifer system	NULL	Surveillance	Yes	
2718903	High Plains aquifer system	NULL	Surveillance	Yes	
2719426	High Plains aquifer system	NULL	Surveillance	Yes	
2719514	High Plains aquifer system	NULL	Surveillance	Yes	
2719604	High Plains aquifer system	152	Surveillance	Yes	
2719714	High Plains aquifer system	NULL	Surveillance	Yes	
2719804	High Plains aquifer system	146	Surveillance	Yes	
2720109	High Plains aquifer system	NULL	Surveillance	Yes	
2720305	High Plains aquifer system	180	Surveillance	Yes	
2720504	High Plains aquifer system	NULL	Surveillance	Yes	
2720505	High Plains aquifer system	NULL	Surveillance	Yes	
2720802	High Plains aquifer system	NULL	Surveillance	No	
2720803	High Plains aquifer system	NULL	Surveillance	Yes	
2721101	High Plains aquifer system	110	Surveillance	Yes	
2721127	High Plains aquifer system	NULL	Surveillance	Yes	
2721301	High Plains aquifer system	NULL	Surveillance	Yes	
2721401	High Plains aquifer system	NULL	Surveillance	Yes	
2722204	High Plains aquifer system	NULL	Surveillance	Yes	
2722406	High Plains aquifer system	NULL	Surveillance	Yes	
2722603	High Plains aquifer system	NULL	Surveillance	Yes	
2722701	High Plains aquifer system	NULL	Surveillance	Yes	
2723403	High Plains aquifer system	NULL	Surveillance	Yes	
2724101	High Plains aquifer system	100	Surveillance	Yes	
2724202	High Plains aquifer system	117	Surveillance	Yes	
2724703	High Plains aquifer system	NULL	Surveillance	Yes	
2724704	High Plains aquifer system	NULL	Surveillance	Yes	
2724904	High Plains aquifer system	160	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2725102	High Plains aquifer system	85	Surveillance	Yes	
2725208	High Plains aquifer system	NULL	Surveillance	Yes	
2725603	High Plains aquifer system	235	Surveillance	Yes	
2726107	High Plains aquifer system	NULL	Surveillance	Yes	
2726203	High Plains aquifer system	NULL	Surveillance	Yes	
2726403	High Plains aquifer system	210	Surveillance	Yes	
2726517	High Plains aquifer system	225	Surveillance	Yes	
2726702	High Plains aquifer system	NULL	Surveillance	Yes	
2727105	High Plains aquifer system	NULL	Surveillance	Yes	
2727304	High Plains aquifer system	NULL	Surveillance	Yes	
2727517	High Plains aquifer system	225	Surveillance	Yes	
2727611	High Plains aquifer system	NULL	Surveillance	Yes	
2727801	High Plains aquifer system	NULL	Surveillance	Yes	
2728103	High Plains aquifer system	NULL	Surveillance	Yes	
2728201	High Plains aquifer system	NULL	Surveillance	Yes	
2728301	High Plains aquifer system	100	Surveillance	Yes	
2729501	High Plains aquifer system	190	Surveillance	Yes	
2729601	High Plains aquifer system	NULL	Surveillance	Yes	
2729801	High Plains aquifer system	NULL	Surveillance	Yes	
2730101	High Plains aquifer system	95	Surveillance	Yes	
2730201	High Plains aquifer system	NULL	Surveillance	Yes	
2730301	High Plains aquifer system	NULL	Surveillance	No	
2731106	High Plains aquifer system	NULL	Surveillance	Yes	
2731602	High Plains aquifer system	85	Surveillance	No	
2731804	High Plains aquifer system	NULL	Surveillance	Yes	
2732101	High Plains aquifer system	NULL	Surveillance	Yes	
2732202	High Plains aquifer system	102	Surveillance	Yes	
2732302	High Plains aquifer system	NULL	Surveillance	No	
2732502	High Plains aquifer system	NULL	Surveillance	Yes	
2732703	High Plains aquifer system	NULL	Surveillance	Yes	
2735201	High Plains aquifer system	89	Surveillance	Yes	
2735302	High Plains aquifer system	110	Surveillance	Yes	
2736401	High Plains aquifer system	NULL	Surveillance	Yes	
2736901	High Plains aquifer system	NULL	Surveillance	Yes	
2738401	High Plains aquifer system	NULL	Surveillance	Yes	
2738701	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2738801	High Plains aquifer system	NULL	Surveillance	Yes	
2739201	High Plains aquifer system	NULL	Surveillance	Yes	
2739606	High Plains aquifer system	180	Surveillance	Yes	
2739607	High Plains aquifer system	160	Surveillance	Yes	
2739610	High Plains aquifer system	172	Surveillance	Yes	
2739611	High Plains aquifer system	189	Surveillance	Yes	
2739613	High Plains aquifer system	182	Surveillance	Yes	
2739614	High Plains aquifer system	202	Surveillance	Yes	
2740801	High Plains aquifer system	121	Surveillance	Yes	
2743801	High Plains aquifer system	86	Surveillance	Yes	
2744201	High Plains aquifer system	NULL	Surveillance	Yes	
2745201	High Plains aquifer system	72	Surveillance	Yes	
2746101	High Plains aquifer system	NULL	Surveillance	No	2738101
2746501	High Plains aquifer system	107	Surveillance	Yes	
2747307	High Plains aquifer system	NULL	Surveillance	Yes	
2748101	High Plains aquifer system	NULL	Surveillance	Yes	
2748402	High Plains aquifer system	60	Surveillance	Yes	
2748504	High Plains aquifer system	178	Surveillance	Yes	
2748612	High Plains aquifer system	NULL	Surveillance	Yes	
2748904	High Plains aquifer system	170	Surveillance	Yes	
2750501	High Plains aquifer system	NULL	Surveillance	Yes	
2751401	High Plains aquifer system	129	Surveillance	Yes	
2751601	High Plains aquifer system	115	Surveillance	Yes	
2751701	High Plains aquifer system	119	Surveillance	No	2745901
2752301	High Plains aquifer system	NULL	Surveillance	Yes	
2752402	High Plains aquifer system	NULL	Surveillance	Yes	
2752702	High Plains aquifer system	NULL	Surveillance	Yes	
2753402	High Plains aquifer system	NULL	Surveillance	Yes	
2754501	High Plains aquifer system	NULL	Surveillance	No	2754101
2754502	High Plains aquifer system	47	Surveillance	No	2746601
2754902	High Plains aquifer system	NULL	Surveillance	Yes	
2756202	High Plains aquifer system	140	Surveillance	Yes	
2756301	High Plains aquifer system	128	Surveillance	No	
2764602	High Plains aquifer system	140	Surveillance	Yes	
2764802	High Plains aquifer system	68	Surveillance	Yes	
2764901	High Plains aquifer system	69	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2801201	High Plains aquifer system	65	Surveillance	Yes	
2801504	High Plains aquifer system	NULL	Surveillance	Yes	
2801702	High Plains aquifer system	NULL	Surveillance	Yes	
2801801	High Plains aquifer system	80	Surveillance	Yes	
2802404	High Plains aquifer system	NULL	Surveillance	Yes	
2802501	High Plains aquifer system	68	Surveillance	Yes	
2802702	High Plains aquifer system	269	Surveillance	Yes	
2802901	High Plains aquifer system	60	Surveillance	Yes	
2803101	High Plains aquifer system	NULL	Surveillance	Yes	
2803402	High Plains aquifer system	NULL	Surveillance	Yes	
2803601	High Plains aquifer system	57	Trend	Yes	
2804702	High Plains aquifer system	60	Surveillance	Yes	
2809101	High Plains aquifer system	NULL	Surveillance	Yes	
2809301	High Plains aquifer system	52	Surveillance	Yes	
2809414	High Plains aquifer system	NULL	Surveillance	Yes	
2809602	High Plains aquifer system	210	Surveillance	Yes	
2809605	High Plains aquifer system	168	Surveillance	Yes	
2809710	High Plains aquifer system	200	Surveillance	Yes	
2809717	High Plains aquifer system	201	Surveillance	No	
2809721	High Plains aquifer system	207	Surveillance	Yes	
2809809	High Plains aquifer system	168	Surveillance	Yes	
2809901	High Plains aquifer system	140	Surveillance	Yes	
2809905	High Plains aquifer system	156	Surveillance	No	
2809907	High Plains aquifer system	196	Surveillance	Yes	
2810402	High Plains aquifer system	175	Surveillance	Yes	
2810705	High Plains aquifer system	NULL	Surveillance	Yes	
2810706	High Plains aquifer system	200	Surveillance	Yes	
2810801	High Plains aquifer system	NULL	Surveillance	Yes	
2810805	High Plains aquifer system	194	Surveillance	No	
2817115	High Plains aquifer system	150	Surveillance	No	
2817118	High Plains aquifer system	188	Surveillance	Yes	
2817120	High Plains aquifer system	150	Surveillance	Yes	
2817121	High Plains aquifer system	145	Surveillance	Yes	
2817122	High Plains aquifer system	NULL	Surveillance	Yes	
2817208	High Plains aquifer system	173	Surveillance	Yes	
2817209	High Plains aquifer system	190	Surveillance	No	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2817306	High Plains aquifer system	188	Surveillance	Yes	
2817307	High Plains aquifer system	150	Surveillance	Yes	
2817501	High Plains aquifer system	200	Surveillance	Yes	
2817506	High Plains aquifer system	174	Surveillance	Yes	
2817508	High Plains aquifer system	NULL	Surveillance	Yes	
2817702	High Plains aquifer system	NULL	Surveillance	Yes	
2817705	High Plains aquifer system	160	Surveillance	Yes	
2817807	High Plains aquifer system	165	Surveillance	Yes	
2818103	High Plains aquifer system	160	Surveillance	Yes	
2818201	High Plains aquifer system	190	Surveillance	Yes	
2818202	High Plains aquifer system	210	Surveillance	Yes	
2818205	High Plains aquifer system	155	Surveillance	Yes	
2818304	High Plains aquifer system	216	Surveillance	No	
2818501	High Plains aquifer system	160	Surveillance	Yes	
2818708	High Plains aquifer system	NULL	Surveillance	Yes	
2818801	High Plains aquifer system	82	Surveillance	Yes	
2818902	High Plains aquifer system	160	Surveillance	Yes	
2819101	High Plains aquifer system	170	Surveillance	Yes	
2819411	High Plains aquifer system	NULL	Surveillance	Yes	
2819703	High Plains aquifer system	180	Surveillance	Yes	
2825303	High Plains aquifer system	NULL	Surveillance	No	
2825404	High Plains aquifer system	NULL	Surveillance	Yes	
2825406	High Plains aquifer system	271	Surveillance	Yes	
2825506	High Plains aquifer system	253	Surveillance	Yes	
2825901	High Plains aquifer system	NULL	Surveillance	Yes	
2825903	High Plains aquifer system	150	Surveillance	Yes	
2826206	High Plains aquifer system	170	Surveillance	Yes	
2826304	High Plains aquifer system	NULL	Surveillance	No	
2826401	High Plains aquifer system	NULL	Surveillance	Yes	
2826403	High Plains aquifer system	142	Surveillance	Yes	
2826802	High Plains aquifer system	155	Surveillance	Yes	
2827101	High Plains aquifer system	NULL	Surveillance	Yes	
2827201	High Plains aquifer system	150	Surveillance	Yes	
2827506	High Plains aquifer system	NULL	Surveillance	Yes	
2827507	High Plains aquifer system	160	Surveillance	No	
2827703	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2827801	High Plains aquifer system	220	Surveillance	Yes	
2833202	High Plains aquifer system	NULL	Surveillance	Yes	
2833305	High Plains aquifer system	NULL	Surveillance	Yes	
2833702	High Plains aquifer system	100	Surveillance	Yes	
2833901	High Plains aquifer system	NULL	Surveillance	Yes	
2834201	High Plains aquifer system	60	Surveillance	Yes	
2834601	High Plains aquifer system	NULL	Surveillance	Yes	
2834701	High Plains aquifer system	48	Surveillance	Yes	
2835301	High Plains aquifer system	NULL	Surveillance	Yes	
2835508	High Plains aquifer system	50	Surveillance	Yes	
2835602	High Plains aquifer system	50	Surveillance	Yes	
2835911	High Plains aquifer system	70	Surveillance	Yes	
2837101	High Plains aquifer system	160	Surveillance	Yes	
2837303	High Plains aquifer system	101	Surveillance	Yes	
2837306	High Plains aquifer system	64	Surveillance	Yes	
2837401	High Plains aquifer system	137	Surveillance	Yes	
2837503	High Plains aquifer system	165	Surveillance	Yes	
2838802	High Plains aquifer system	51	Surveillance	Yes	
2841205	High Plains aquifer system	NULL	Surveillance	Yes	
2841501	High Plains aquifer system	164	Surveillance	Yes	
2841505	High Plains aquifer system	120	Surveillance	No	
2841906	High Plains aquifer system	NULL	Surveillance	Yes	
2842501	High Plains aquifer system	40	Surveillance	Yes	
2842602	High Plains aquifer system	NULL	Surveillance	Yes	
2842701	High Plains aquifer system	NULL	Surveillance	Yes	
2842704	High Plains aquifer system	80	Surveillance	Yes	
2842706	High Plains aquifer system	120	Surveillance	Yes	
2844606	High Plains aquifer system	67	Surveillance	Yes	
2844910	High Plains aquifer system	NULL	Surveillance	Yes	
2845102	High Plains aquifer system	NULL	Surveillance	Yes	
2845306	High Plains aquifer system	NULL	Surveillance	Yes	
2845506	High Plains aquifer system	NULL	Surveillance	Yes	
2846501	High Plains aquifer system	76	Surveillance	Yes	
2846705	High Plains aquifer system	65	Surveillance	Yes	
2849103	High Plains aquifer system	NULL	Surveillance	Yes	
2849202	High Plains aquifer system	NULL	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
2849302	High Plains aquifer system	NULL	Surveillance	Yes	
2849402	High Plains aquifer system	190	Surveillance	Yes	
2849403	High Plains aquifer system	NULL	Surveillance	Yes	
2849801	High Plains aquifer system	102	Surveillance	Yes	
2850504	High Plains aquifer system	NULL	Surveillance	Yes	
2850814	High Plains aquifer system	184	Surveillance	Yes	
2850815	High Plains aquifer system	212	Surveillance	Yes	
2851701	High Plains aquifer system	136	Surveillance	Yes	
2852106	High Plains aquifer system	NULL	Surveillance	Yes	
2852107	High Plains aquifer system	NULL	Surveillance	Yes	
2852913	High Plains aquifer system	30	Surveillance	Yes	
2857101	High Plains aquifer system	NULL	Surveillance	Yes	
2857201	High Plains aquifer system	NULL	Surveillance	Yes	
2857301	High Plains aquifer system	154	Surveillance	Yes	
2858102	High Plains aquifer system	165	Surveillance	Yes	
2858103	High Plains aquifer system	120	Surveillance	Yes	
2858301	High Plains aquifer system	205	Surveillance	Yes	
2858601	High Plains aquifer system	33	Surveillance	No	
2858903	High Plains aquifer system	NULL	Surveillance	Yes	
2859301	High Plains aquifer system	108	Surveillance	Yes	
2859306	High Plains aquifer system	87	Surveillance	Yes	
2859703	High Plains aquifer system	NULL	Surveillance	Yes	
2859801	High Plains aquifer system	145	Surveillance	Yes	
2860402	High Plains aquifer system	140	Surveillance	Yes	
2860806	High Plains aquifer system	NULL	Surveillance	Yes	
2860902	High Plains aquifer system	90	Surveillance	Yes	
2915501	Blaine aquifer system	60	Surveillance	Yes	
4402303	High Plains aquifer system	108	Surveillance	No	
4403404	High Plains aquifer system	35	Surveillance	Yes	
4508101	High Plains aquifer system	90	Surveillance	No	
4760701	Rio Grande aquifer system	660	Surveillance	Yes	
5102926	Rio Grande aquifer system	417	Surveillance	No	
5110906	Rio Grande aquifer system	593	Surveillance	Yes	
5119101	Rio Grande aquifer system	448	Surveillance	Yes	
5119203	Rio Grande aquifer system	447	Surveillance	Yes	
5127302	Rio Grande aquifer system	425	Surveillance	Yes	

State Well Number	Principal aquifer	Well depth	Observation type	NGWMN levels	Replacement site
5128303	Rio Grande aquifer system	3422	Surveillance	Yes	
5128607	Rio Grande aquifer system	1751	Surveillance	Yes	
5129805	Rio Grande aquifer system	1648	Trend	Yes	
5148602	Rio Grande aquifer system	881	Surveillance	Yes	
5148603	Rio Grande aquifer system	1100	Surveillance	Yes	
5225305	Other	303	Surveillance	No	
5225501	Rio Grande aquifer system	251	Surveillance	Yes	
5225603	Rio Grande aquifer system	120	Surveillance	Yes	
5225604	Rio Grande aquifer system	300	Surveillance	Yes	
5225612	Rio Grande aquifer system	167	Surveillance	Yes	
5226802	Rio Grande aquifer system	230	Surveillance	Yes	
5234301	Other	409	Surveillance	No	
5235713	Rio Grande aquifer system	361	Surveillance	Yes	
5249402	Rio Grande aquifer system	800	Surveillance	Yes	
7406901	Rio Grande aquifer system	380	Surveillance	Yes	
7415501	Rio Grande aquifer system	600	Surveillance	Yes	
7430503	Rio Grande aquifer system	50	Surveillance	Yes	
7430605	Rio Grande aquifer system	530	Surveillance	Yes	
5216912	Capitan Reef Complex	3500	Surveillance	No	
0564105	Blaine aquifer system	201	Surveillance	Yes	