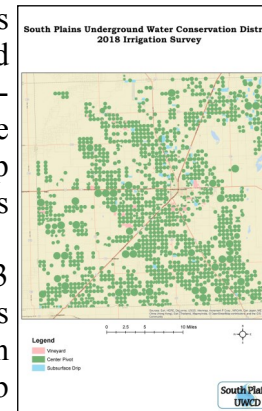


Well #	2017	2018	2019	2017-2018 Change	2018-2019 Change
24-60-8781	121.46	122.45	122.62	-0.99	-0.17
24-60-9983	119.44	123.50	125.59	-4.06	-2.09
24-61-1351	14.61	15.20	13.92	-0.59	1.28
24-61-4221	35.64	36.33	35.66	-0.69	0.67
24-61-4752	49.55	49.11	50.74	0.44	-1.63
24-61-5291	30.90	34.42	34.78	-3.52	-0.36
24-61-5991	69.85	69.90	70.52	-0.05	-0.62
24-61-6281	92.92	93.36	94.41	-0.44	-1.05
24-61-7651	131.07	129.09	129.26	1.98	-0.17
24-61-9681	113.70	113.52	113.03	0.18	0.49
24-62-1441	166.32	165.97	165.68	0.35	0.29
24-62-2251	132.67	133.25	133.55	-0.58	-0.30
24-62-2841	150.82	151.71	152.18	-0.89	-0.47
24-62-4311	146.94	147.75	147.88	-0.81	-0.13
24-62-4832	135.80	136.20	136.78	-0.40	-0.58
24-62-6411	137.30	137.83	137.86	-0.53	-0.03
24-62-6941	114.90	113.45	113.00	1.45	0.45
24-62-7291	109.83	110.04	110.91	-0.21	-0.87
24-62-9421	123.00	125.98	124.25	-2.98	1.73
24-62-9671	100.05	99.68	99.92	0.37	-0.24
24-63-1161	22.12	24.54	24.24	-2.42	0.30
24-63-2221	46.17	47.59	49.24	-1.42	-1.65
24-63-2881	40.83	44.91	48.58	-4.08	-3.67
24-63-2931	62.74	63.54	66.88	-0.80	-3.34
24-63-3312	31.29	32.67	34.86	-1.38	-2.19
24-63-3871	69.01	70.12	72.24	-1.11	-2.12
24-63-4112	76.86	75.07	75.49	1.79	-0.42
24-63-4623	50.52	52.31	53.98	-1.79	-1.67
24-63-6431	63.59	65.71	64.60	-2.12	1.11
24-63-8262	88.84	90.58	91.04	-1.74	-0.46
24-63-9371	75.56	77.34	78.82	-1.78	-1.48
24-64-1231	1.50	3.20	2.57	-1.70	0.63
24-64-4931	12.57	15.31	11.52	-2.74	3.79
24-64-7681	20.52	24.89	22.00	-4.37	2.89
24-64-7783	71.45	72.70	73.73	-1.25	-1.03
27-04-2562	105.85	103.15	102.62	2.70	0.53
27-04-3942	163.31	162.62	164.62	0.69	-2.00
27-05-1641	92.82	92.38	94.52	0.44	-2.14
27-05-2351	109.18	114.98	116.02	-5.80	-1.04
27-05-3891	107.83	108.50	108.98	-0.67	-0.48
27-06-1241	117.52	117.32	117.64	0.20	-0.32
27-06-1983	104.28	104.28	104.68	0.00	-0.40
27-06-2231	129.04	129.65	128.64	-0.61	1.01
27-07-1761	105.38	105.31	106.16	0.07	-0.85
27-07-2161	119.16	119.28	119.55	-0.12	-0.27
27-07-2231	95.47	96.19	96.23	-0.72	-0.04
27-07-3581	93.80	95.21	96.52	-1.41	-1.31
27-08-2741	96.22	95.82	95.74	0.40	0.08

## Irrigation Survey Completed

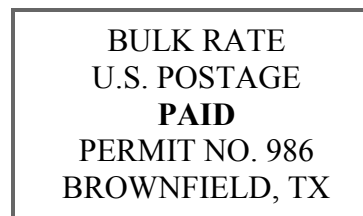
The District recently completed its 5<sup>th</sup> irrigation survey. All groundwater conservation districts are required to address the most efficient use of groundwater. In each of its approved Management Plans, the SPUWCD has designated that an irrigation survey be completed every 5 years as one method of addressing this requirement. Meeting this goal requires staff to drive around the entire District in order to locate and map each different type of irrigation system. The systems are then added to the District's data base.

This recent survey shows that there are 1,403 center pivot systems and 129 drip irrigation systems located within the District. A map of the irrigation system locations is available on the District's web site: [www.spuwcd.org](http://www.spuwcd.org).



### We've Got Maps

A variety of maps are available for viewing or printing (.pdf format) on the District web site. The Water Level Monitoring interactive map shows 10 years of water levels for each observation well. Learn more about our water resources with the USGS Hydrogeologic Web App. Find them all on our "Maps" page.



*Groundwater Conservation Districts are the State's preferred method of groundwater management... SB 1—1997 Texas Water Code §36.0015*

# GROUNDWATER NEWS

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## 2019 Water Level Measurements

This issue of the *South Plains Groundwater News* contains a list of water level measurements, and includes the most recent 2019 measurements taken during the past winter. For each observation well, we have included the measurements from the past 3 years. Also, we show the change in measurements for the current year, as well as the previous year. **The average change for 2019 is -0.63 ft, compared to -0.33 ft in 2018.**

Well #	2017	2018	2019	2017-2018 Change	2018-2019 Change
24-37-7731	149.25	149.17	149.36	0.08	-0.19
24-37-9531	133.33	132.65	133.17	0.68	-0.52
24-37-9922	127.92	127.14	128.12	0.78	-0.98
24-38-9711	101.45	100.62	97.60	0.83	3.02
24-39-8711	75.50	75.31	76.93	0.19	-1.62
24-39-9871	54.09	54.12	55.61	-0.03	-1.49
24-40-7721	104.03	95.68	95.65	8.35	0.03
24-44-2271	175.55	176.42	177.04	-0.87	-0.62
24-44-2631	162.90	162.97	163.59	-0.07	-0.62
24-44-3521	173.18	172.71	173.32	0.47	-0.61
24-44-5221	159.02	158.82	158.62	0.20	0.20
24-44-6281	159.90	159.85	160.00	0.05	-0.15
24-44-6551	168.64	168.64	168.64	0.00	0.00
24-44-7662	28.11	28.22	28.82	-0.11	-0.60
24-44-9661	132.76	132.79	133.03	-0.03	-0.24
24-45-2461	154.05	154.11	154.15	-0.06	-0.04
24-45-3782	141.12	141.42	141.65	-0.30	-0.23
24-45-5571	162.82	162.62	164.02	0.20	-1.40
24-45-6181	173.69	173.69	174.05	0.00	-0.36
24-45-6881	164.61	165.42	165.74	-0.81	-0.32
24-45-7372	157.80	157.96	159.77	-0.16	-1.81
24-45-8761	184.32	185.45	186.08	-1.13	-0.63
24-45-9732	125.03	125.88	126.35	-0.85	-0.47
24-46-1462	125.20	124.95	125.41	0.25	-0.46
24-46-1611	121.12	123.52	120.27	-2.40	3.25
24-46-2651	104.98	104.12	105.18	0.86	-1.06
24-46-3761	88.56	89.98	91.52	-1.42	-1.54
24-46-4523	137.08	137.56	138.03	-0.48	-0.47
24-46-4861	152.56	152.61	152.74	-0.05	-0.13

Well #	2017	2018	2019	2017-2018 Change	2018-2019 Change
24-46-5621	87.41	87.89	88.18	-0.48	-0.29
24-46-8253	151.72	151.10	151.12	0.62	-0.02
24-46-8472	150.11	150.22	150.78	-0.11	-0.56
24-46-9391	85.14	85.42	86.25	-0.28	-0.83
24-47-1141	119.77	115.10	117.89	4.67	-2.79
24-47-2451	71.14	72.51	73.82	-1.37	-1.31
24-47-2882	110.55	108.94	109.71	1.61	-0.77
24-47-3641	69.24	67.19	70.92	2.05	-3.73
24-47-4441	71.33	72.10	74.32	-0.77	-2.22
24-47-5651	79.82	80.21	81.80	-0.39	-1.59
24-47-6542	94.82	95.68	96.15	-0.86	-0.47
24-47-8441	33.65	35.32	35.74	-1.67	-0.42
24-47-9531	49.95	50.14	50.92	-0.19	-0.78
24-48-2171	109.95	108.23	110.92	1.72	-2.69
24-48-4291	88.35	86.88	88.92	1.47	-2.04
24-48-4932	70.42	70.50	73.63	-0.08	-3.13
24-48-7921	26.62	31.75	38.10	-5.13	-6.35
24-52-2821	61.92	62.47	62.72	-0.55	-0.25
24-52-3231	89.34	89.15	89.15	0.19	0.00
24-52-3761	50.05	50.02	52.55	0.03	-2.53
24-52-4671	56.64	59.22	58.28	-2.58	0.94
24-52-6381	82.04	81.52	80.58	0.52	0.94
24-52-8462	120.50	121.05	120.92	-0.55	0.13
24-52-9721	45.37	46.71	48.51	-1.34	-1.80
24-53-1922	136.95	137.36	137.14	-0.41	0.22
24-53-2942	170.32	169.64	170.82	0.68	-1.18
24-53-4651	107.58	104.66	104.08	2.92	0.58
24-53-5673	182.67	183.44	185.76	-0.77	-2.32
24-53-5971	189.84	188.80	189.83	1.04	-1.03
24-53-6284	141.42	141.42	141.31	0.00	0.11
24-53-7512	47.72	49.30	49.98	-1.58	-0.68
24-53-9711	143.39	143.65	144.23	-0.26	-0.58
24-53-9921	152.89	153.45	153.92	-0.56	-0.47
24-54-1141	105.83	106.62	107.24	-0.79	-0.62
24-54-1551	109.23	109.80	109.98	-0.57	-0.18
24-54-2774	110.08	111.50	111.72	-1.42	-0.22
24-54-3152	135.41	135.78	136.10	-0.37	-0.32
24-54-3381	120.38	121.34	120.68	-0.96	0.66
24-54-3773	123.93	124.25	124.44	-0.32	-0.19
24-54-4492	112.59	112.34	113.91	0.25	-1.57
24-54-5152	102.76	103.33	103.13	-0.57	0.20
24-54-7611	138.61	139.06	138.73	-0.45	0.33
24-54-8291	123.12	122.80	123.18	0.32	-0.38
24-54-9333	105.84	105.98	105.78	-0.14	0.20
24-54-9781	124.91	124.28	125.02	0.63	-0.74
24-55-1231	101.71	101.35	102.04	0.36	-0.69
24-55-1761	109.43	108.45	108.53	0.98	-0.08
24-55-2321	36.11	34.12	37.24	1.99	-3.12

Well #	2017	2018	2019	2017-2018 Change	2018-2019 Change
24-55-3791	20.15	20.10	21.55	0.05	-1.45
24-55-4591	94.34	93.15	93.74	1.19	-0.59
24-55-5681	50.05	49.90	52.28	0.15	-2.38
24-55-7571	50.61	49.45	49.52	1.16	-0.07
24-55-8111	74.60	71.44	72.70	3.16	-1.26
24-55-9341	28.42	30.54	30.78	-2.12	-0.24
24-56-1481	23.09	24.79	27.22	-1.70	-2.43

An interactive water level map is available on the District's web site: [www.spuwcd.org](http://www.spuwcd.org)

### What's Happening Near You?

The map shown at right includes the locations of water level observation wells in the District. The District's unique identifier ("well number") is labeled at each site. Use this number as the reference when looking at the tabular data of water levels.

The base layer for the map is a Terry County road map. This TxDOT map shows major highways and farm-to-market roads. Additionally, the towns of Brownfield, Meadow and Wellman are shown.

Using data from about three of the nearest wells should provide a good overview of the estimated changes around you.

It is important to understand the magnitude of water level fluctuations across the District. The adopted Desired Future Condition (DFC) for the aquifers is average drawdown of between 23 and 27 feet calculated from the end of 2012 conditions to the year 2070.

Well #	2017	2018	2019	2017-2018 Change	2018-2019 Change
24-56-4921	6.65	7.76	7.43	-1.11	0.33
24-56-7291	3.91	6.98	5.50	-3.07	1.48
24-60-2751	37.23	38.27	39.17	-1.04	-0.90
24-60-3421	79.51	79.15	82.02	0.36	-2.87
24-60-3611	82.58	82.58	83.27	0.00	-0.69
24-60-4941	48.82	48.22	50.18	0.60	-1.96
24-60-5961	93.05	92.87	92.98	0.18	-0.11

