GROUNDWATER LEVELS
in the
LOST CREEK
DESIGNATED GROUND WATER BASIN
2015

by
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COLORADO
Division of Water Resources
Department of Natural Resources

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LOST CREEK DESIGNATED GROUND WATER BASIN
2015

This report contains groundwater level data collected from wells in the Lost Creek Designated Basin during the period from 2005 through 2015. Acquisition and publication of this information is a cooperative effort between the well owners, Lost Creek Ground Water Management District and the Colorado Division of Water Resources. The project is part of a statewide groundwater level monitoring program funded by Senate Bill 200 (1987 legislative session). This legislation directed that a portion of the fees collected for water well permit applications be used for the establishment of a program to monitor water level trends throughout the state.

Water level measurements were collected from twenty-six wells in late January 2015. The locations of those wells and the extent of the alluvial aquifer are shown on the following map. GS-6 was removed from the monitoring program this year as access has been lost due to a new pump installation. LC-9 has been added to the program to expand the southern coverage. Well N-1, included in previous reports, will now be included in the Lower South Platte monitoring network.

Previous work in the basin (Topper, 2011) suggests that analysis of groundwater levels by sub-regions is appropriate. Water level measurements are typically recorded in the winter or spring of each year. The 2015 water levels produced the following general conclusions:

North Area: North of Roggen/I-76 to Hwy 34

- Depth to water generally ranges from 5 to 45 feet. Water levels were relatively stable between 2014 and 2015. Longer term averages indicate a decline of approximately 2.5 feet over 5 years, and 3.5 feet over 10 years.

Middle Area: Between Roggen/I-76 and Prospect Valley/Hwy 52

- Depth to water generally ranges from 18 to 67 feet. Water levels both rose and dropped depending upon location between 2014 and 2015. Longer term averages indicate a decline of nearly 5 feet over 5 years, and 12 feet over 10 years.

South Area: South of Prospect Valley/Hwy 52 to 144th Avenue

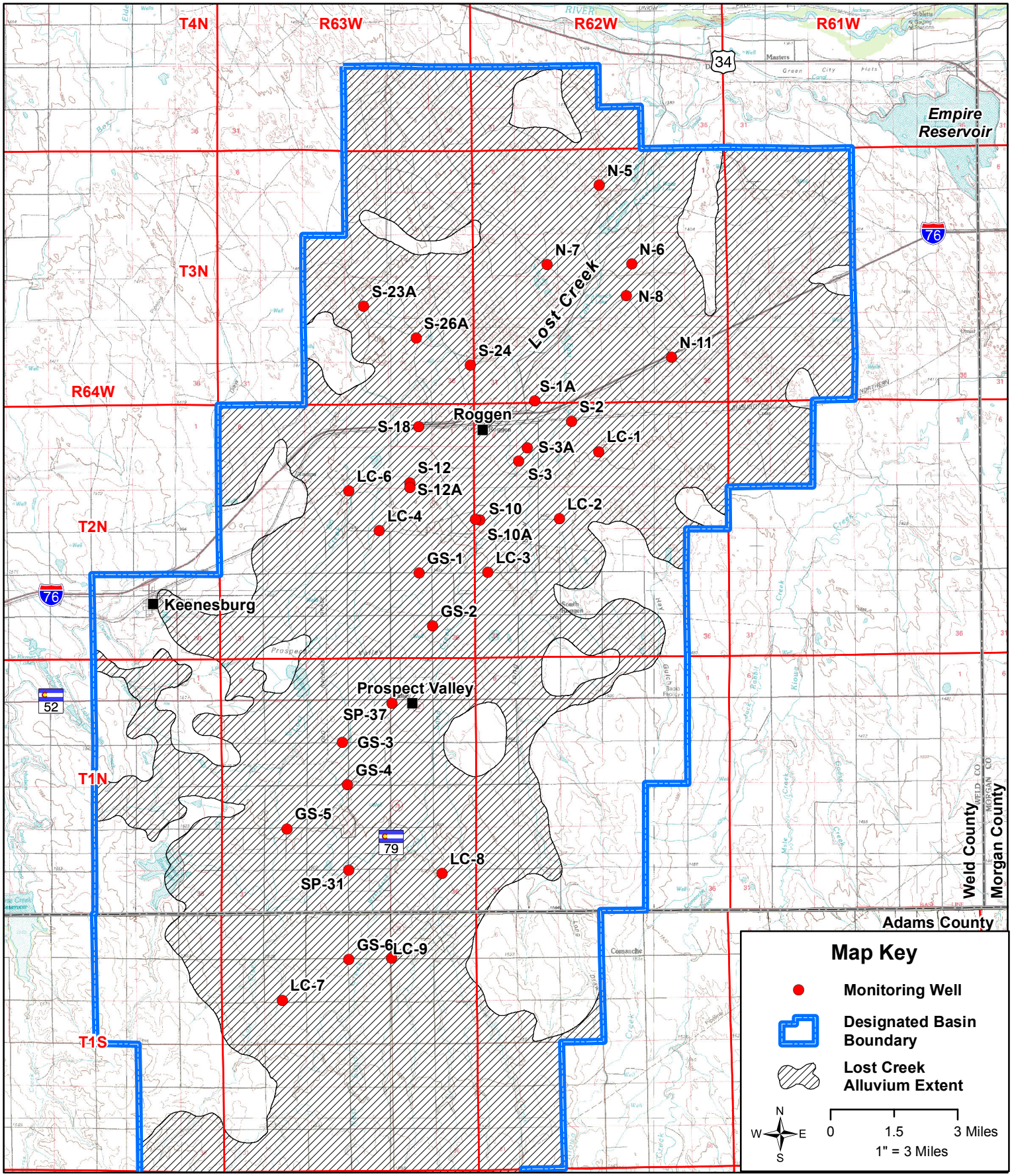
- Depth to water generally ranges from 42 to 119 feet. Water levels rose an average of 5 feet between 2014 and 2015. Longer term averages indicate a decline of 2 feet over 5 years, and 5 feet over 10 years.

On average, groundwater levels in wells measured by the Division of Water Resources were up by 0.7 feet compared to 2014. The medium term, 5-year trend, showed an average decline of -3.8 feet. Over the long term, 10-year trend, all wells exhibited a decline within the basin with the average being -5.8 feet. To assist stakeholders in evaluating groundwater flow directions and gradients we include a water table elevation map compiled from Spring 2010 that was produced for the basin's 2011 recharge and storage study.

An electronic copy of this report, in Adobe PDF format, is available on the Division of Water Resources website http://water.state.co.us/groundwater/Pages/HydroGeo.aspx. Additionally, all groundwater level data may be accessed and exported using the tools available on the Colorado Decision Support System website: http://cdss.state.co.us/onlineTools/Pages/GroundWaterWaterLevels.aspx

Hardcopy reports may be obtained from the Colorado Division of Water Resources, Public Records Section at 1313 Sherman Street, Room 818, Denver, CO 80203.

If you have any questions regarding alluvial groundwater and the information in this report, please contact the Groundwater Information Desk at (303) 866-3587.



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State of Colorado -- Division of Water Resources

Lost Creek Designated Basin Monitoring Well Locations

5/28/2015

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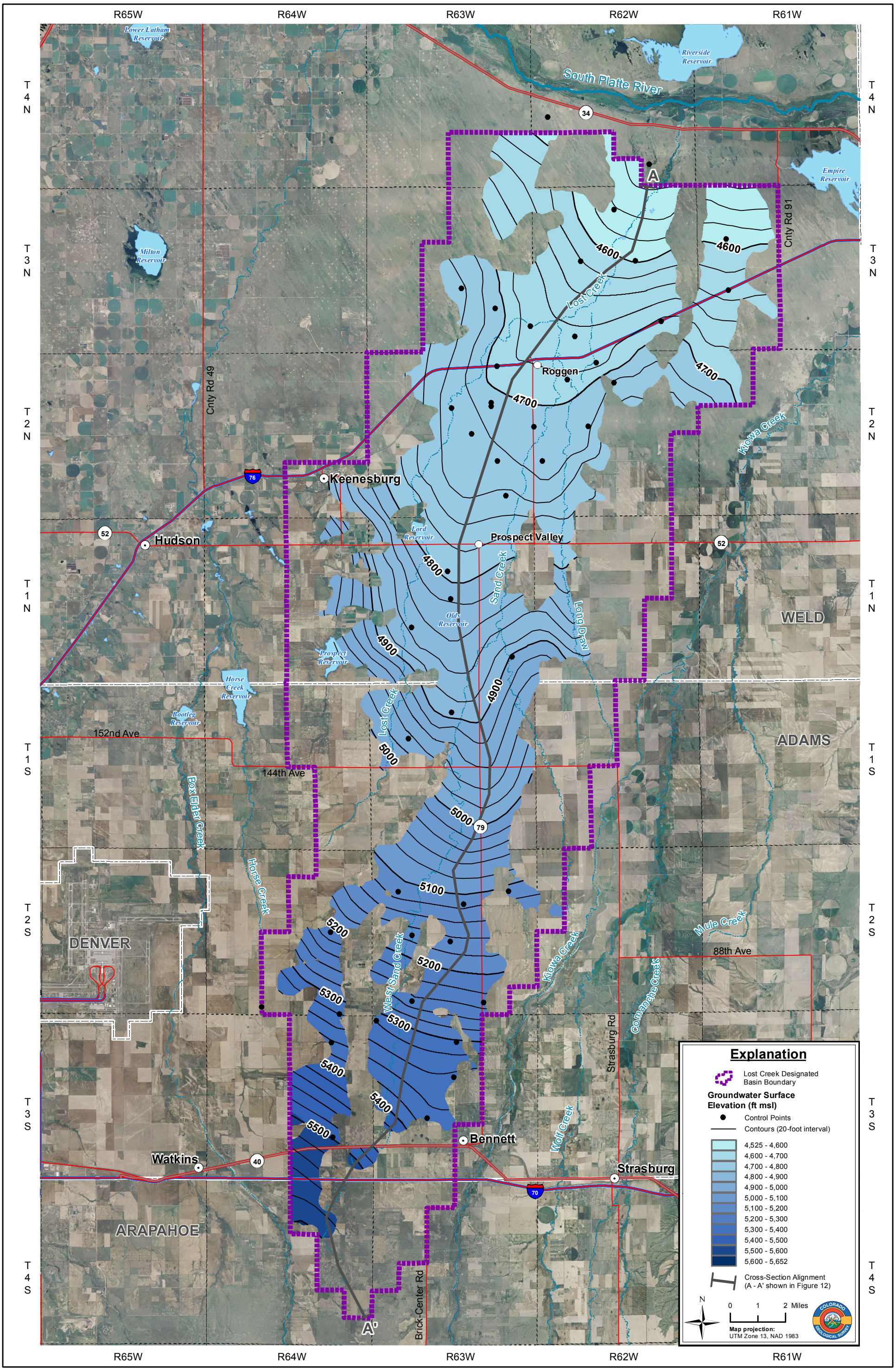

Alluvial Groundwater Elevation - Spring 2010
Lost Creek Basin Aquifer Recharge and Storage Study

Figure 11

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LOST CREEK

Well Name: **SP-37** *Owner:* U.S.G.S. OBS. WELL

Permit #: - - *Location #:* SB00106302CCC *USGS Site ID:* 400427104244801

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SW	SW	SW	2	1	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4435931.0 *Easting (UTM x):* 550008.0

Latitude/Longitude (decimal degrees): 40.072159 -104.413534

Surface Elevation (ft): 4824.74 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 75 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year: 1.44

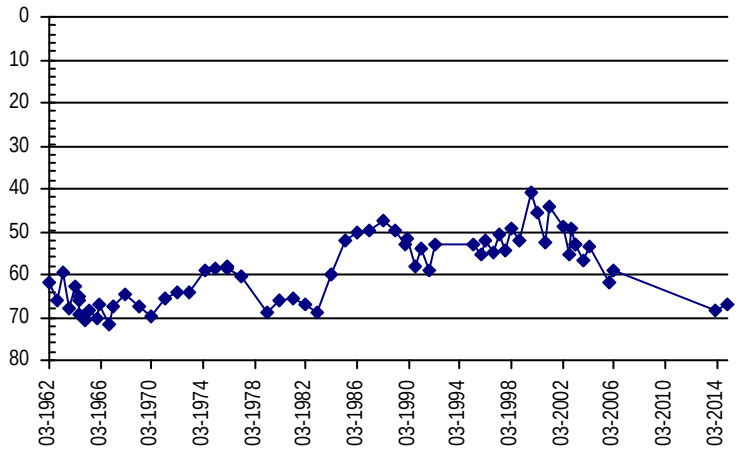
5 year:

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
11/4/2005	61.86	4762.88	-8.20
4/6/2006	59.20	4765.54	2.66
3/5/2014	68.23	4756.51	-9.03
1/28/2015	66.79	4757.95	1.44

All Historic Measurements



Well Name: GS-3 *Owner:*

Permit #: - - *Location #:* SB00106309DDC *USGS Site ID:* 400240104260601

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SE	SE	SW	9	1	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4434448.0 *Easting (UTM x):* 548132.1

Latitude/Longitude (decimal degrees): 40.058908 -104.435643

Surface Elevation (ft): 4867.76 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 101 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

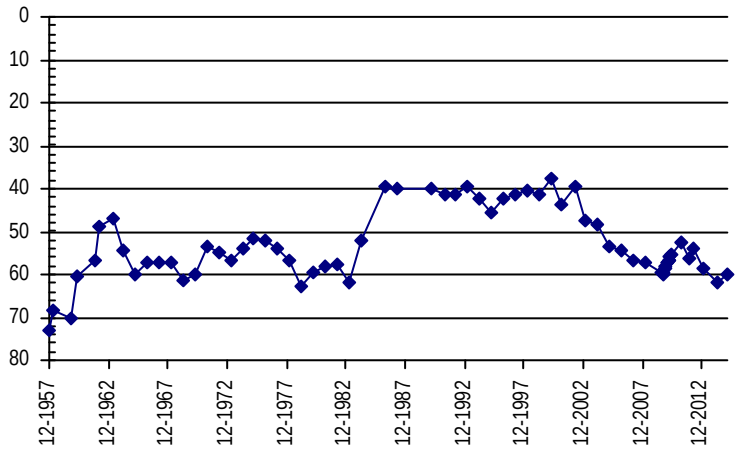
Water Level Change

1 year:	1.96
5 year:	-2.83
10 year:	-6.32

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	53.52	4814.24	-5.10
2/7/2006	54.33	4813.43	-0.81
3/21/2007	56.90	4810.86	-2.57
2/26/2008	57.04	4810.72	-0.14
7/20/2009	59.34	4808.42	-2.30
8/26/2009	59.98	4807.78	-0.64
9/25/2009	59.51	4808.25	0.47
10/23/2009	58.75	4809.01	0.76
11/24/2009	58.17	4809.59	0.58
12/22/2009	57.35	4810.41	0.82
1/27/2010	57.01	4810.75	0.34
2/10/2010	56.84	4810.92	0.17
2/26/2010	56.52	4811.24	0.32
3/31/2010	55.95	4811.81	0.57
4/28/2010	55.40	4812.36	0.55
2/22/2011	52.64	4815.12	2.76
11/1/2011	56.43	4811.33	-3.79
4/5/2012	54.00	4813.76	2.43
1/28/2013	58.55	4809.21	-4.55
3/4/2014	61.80	4805.96	-3.25
1/28/2015	59.84	4807.92	1.96

All Historic Measurements



Well Name: **GS-4** *Owner:* JOSEPH SCHRANT

Permit #: 6693 - R - *Location #:* SB00106316DDD *USGS Site ID:* 400240104255901

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SE	SE	SE	16	1	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4432842.0 *Easting (UTM x):* 548323.1

Latitude/Longitude (decimal degrees): 40.044428 -104.433523

Surface Elevation (ft): 4902.76 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 150 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

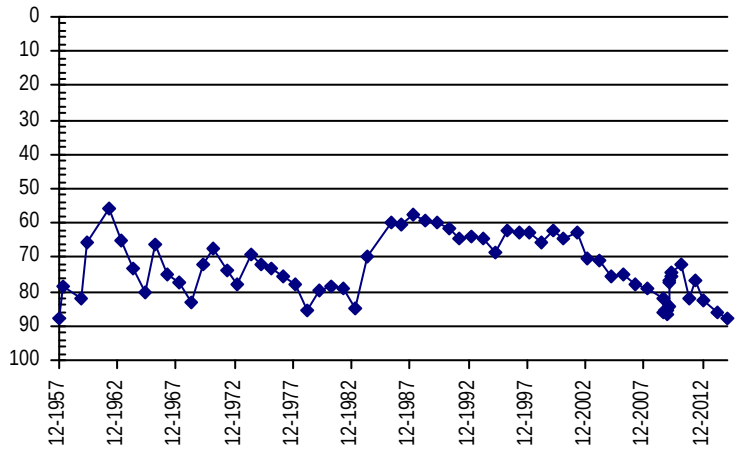
Water Level Change

1 year:	-1.88
5 year:	-3.58
10 year:	-12.24

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	75.44	4827.32	-4.29
2/7/2006	75.25	4827.51	0.19
3/21/2007	78.16	4824.60	-2.91
2/26/2008	79.09	4823.67	-0.93
7/20/2009	81.91	4820.85	-2.82
8/26/2009	85.83	4816.93	-3.92
9/25/2009	85.58	4817.18	0.25
10/23/2009	85.25	4817.51	0.33
11/24/2009	85.74	4817.02	-0.49
12/22/2009	86.88	4815.88	-1.14
1/27/2010	84.10	4818.66	2.78
2/10/2010	77.33	4825.43	6.77
2/26/2010	76.46	4826.30	0.87
3/31/2010	75.52	4827.24	0.94
4/28/2010	74.21	4828.55	1.31
2/22/2011	72.08	4830.68	2.13
11/1/2011	81.71	4821.05	-9.63
4/5/2012	76.53	4826.23	5.18
1/28/2013	82.57	4820.19	-6.04
3/4/2014	85.80	4816.96	-3.23
1/28/2015	87.68	4815.08	-1.88

All Historic Measurements



LOST CREEK

Well Name: GS-5 *Owner:* H.H. WARREN

Permit #: - - *Location #:* SB00106329ABB *USGS Site ID:* 400146104273501

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NE	NW	NW	29	1	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4431174.0 *Easting (UTM x):* 546027.1

Latitude/Longitude (decimal degrees): 40.029529 -104.460556

Surface Elevation (ft): 4916.78 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 100 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

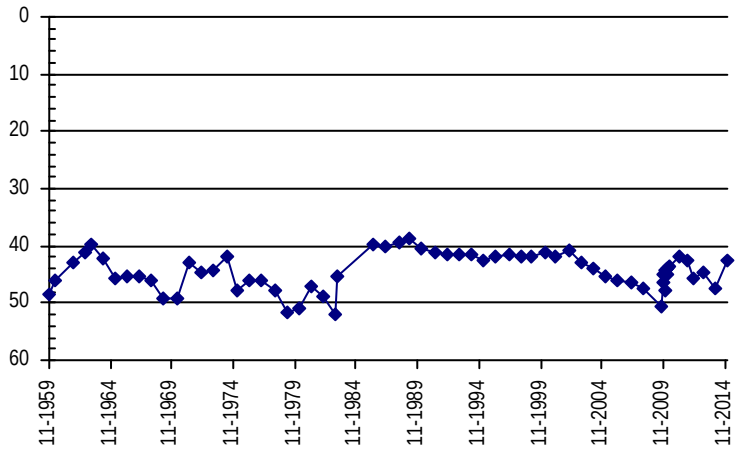
Water Level Change

1 year:	4.80
5 year:	1.73
10 year:	2.65

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	45.37	4871.41	-1.33
2/7/2006	46.03	4870.75	-0.66
3/21/2007	46.32	4870.46	-0.29
2/26/2008	47.30	4869.48	-0.98
9/25/2009	50.71	4866.07	-3.41
10/23/2009	46.26	4870.52	4.45
11/24/2009	45.14	4871.64	1.12
12/22/2009	47.89	4868.89	-2.75
1/27/2010	44.45	4872.33	3.44
2/10/2010	45.06	4871.72	-0.61
2/26/2010	44.10	4872.68	0.96
3/31/2010	43.78	4873.00	0.32
4/28/2010	43.50	4873.28	0.28
2/22/2011	41.77	4875.01	1.73
11/1/2011	42.72	4874.06	-0.95
4/5/2012	45.53	4871.25	-2.81
1/28/2013	44.58	4872.20	0.95
3/4/2014	47.52	4869.26	-2.94
1/28/2015	42.72	4874.06	4.80

All Historic Measurements



Well Name: **SP-31** *Owner:* BLOOD,C.

Permit #: 14860 - RFP - *Location #:* SB00106334BBB *USGS Site ID:* 400054104255601

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NW	NW	NW	34	1	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4429584.0 *Easting (UTM x):* 548374.0

Latitude/Longitude (decimal degrees): 40.015073 -104.433169

Surface Elevation (ft): 4965.79 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 163 *Bottom Perforated Interval (ft):*

Aquifer(s):

Water Level Change

1 year: 16.95

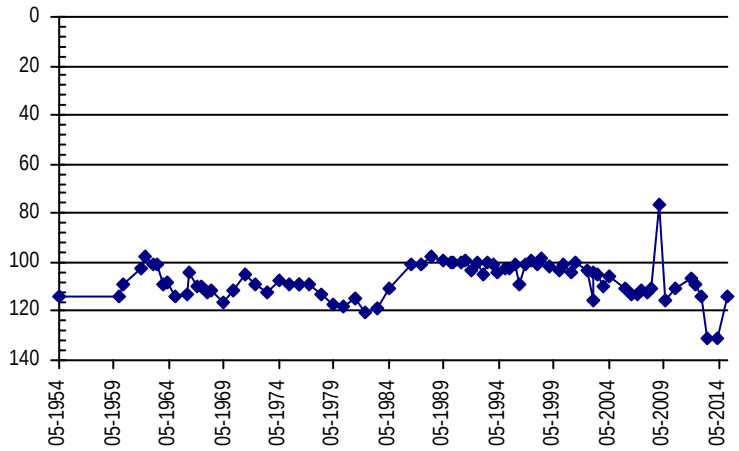
5 year: -3.37

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
11/4/2005	110.91	4854.88	-4.83
4/7/2006	113.02	4852.77	-2.11
11/6/2006	113.01	4852.78	0.01
3/14/2007	111.89	4853.90	1.12
10/17/2007	112.27	4853.52	-0.38
3/10/2008	111.08	4854.71	1.19
10/21/2008	76.35	4889.44	34.73
5/14/2009	115.80	4849.99	-39.45
4/9/2010	110.40	4855.39	5.40
10/19/2011	106.42	4859.37	3.98
3/23/2012	108.80	4856.99	-2.38
10/18/2012	114.01	4851.78	-5.21
3/26/2013	131.38	4834.41	-17.37
3/5/2014	130.72	4835.07	0.66
1/28/2015	113.77	4852.02	16.95

All Historic Measurements



Well Name: **LC-8** *Owner:* STATE LAND BOARD

Permit #: - - *Location #:* SB00106336BB *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NW	NW		36	1	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4429455.0 *Easting (UTM x):* 551911.0

Latitude/Longitude (decimal degrees): 40.013700 -104.391736

Surface Elevation (ft): 4930 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 30 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

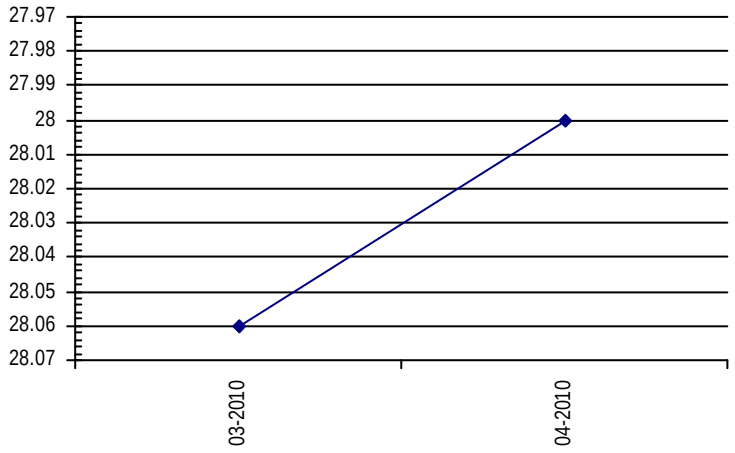
5 year:

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/31/2010	28.06	4901.94	
4/28/2010	28.00	4902.00	0.06

All Historic Measurements



LOST CREEK

Well Name: S-2 *Owner:* WILLIAM KLEIN

Permit #: - - *Location #:* SB00206204BDD *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NW	SE	SE	4	2	N	62	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4446651.0 *Easting (UTM x):* 556833.2

Latitude/Longitude (decimal degrees): 40.168303 -104.332553

Surface Elevation (ft): 4695 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 36 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

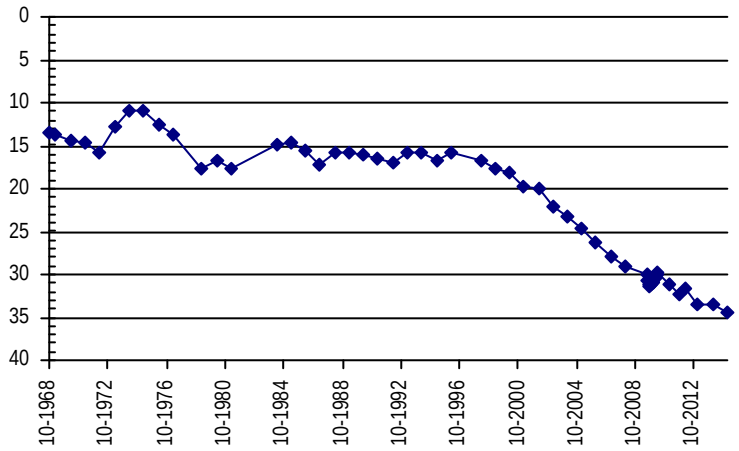
Water Level Change

1 year:	-0.84
5 year:	-3.82
10 year:	-9.70

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	24.73	4670.27	-1.50
2/7/2006	26.18	4668.82	-1.45
3/21/2007	27.85	4667.15	-1.67
2/26/2008	29.02	4665.98	-1.17
7/20/2009	29.93	4665.07	-0.91
8/24/2009	30.66	4664.34	-0.73
9/24/2009	31.15	4663.85	-0.49
10/23/2009	31.29	4663.71	-0.14
11/24/2009	31.12	4663.88	0.17
12/22/2009	30.91	4664.09	0.21
1/27/2010	30.61	4664.39	0.30
2/10/2010	30.51	4664.49	0.10
2/26/2010	30.33	4664.67	0.18
3/31/2010	30.01	4664.99	0.32
4/28/2010	29.75	4665.25	0.26
2/22/2011	31.23	4663.77	-1.48
11/1/2011	32.34	4662.66	-1.11
4/5/2012	31.53	4663.47	0.81
1/28/2013	33.60	4661.40	-2.07
3/4/2014	33.59	4661.41	0.01
1/27/2015	34.43	4660.57	-0.84

All Historic Measurements



Well Name: **S-3A** *Owner:* SHELTON LAND & CATTLE

Permit #: 9523 - F - *Location #:* SB00206208BAB *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NW	NE	NW	8	2	N	62	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4445660.0 *Easting (UTM x):* 555156.0

Latitude/Longitude (decimal degrees): 40.159487 -104.352333

Surface Elevation (ft): 4710 *Top Perforated Interval (ft):* 55 *Base of grout (ft):*

Well depth (ft): 96 *Bottom Perforated Interval (ft):* 95

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year: -8.77

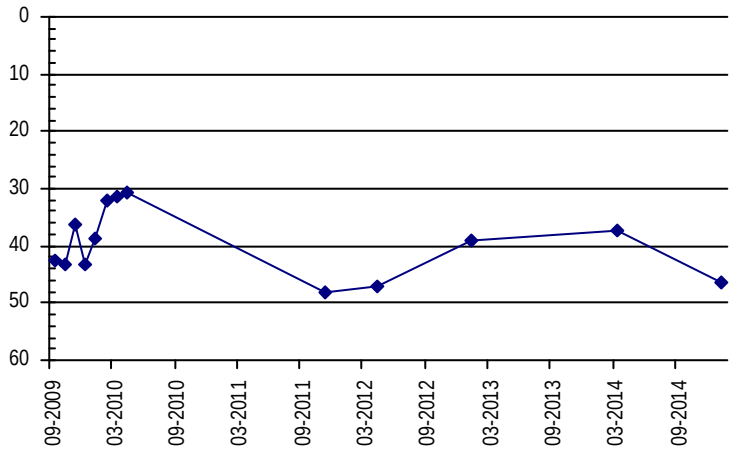
5 year: -7.48

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
9/24/2009	42.69	4667.31	
10/23/2009	43.22	4666.78	-0.53
11/24/2009	36.41	4673.59	6.81
12/22/2009	43.21	4666.79	-6.80
1/27/2010	38.76	4671.24	4.45
2/26/2010	32.00	4678.00	6.76
3/31/2010	31.27	4678.73	0.73
4/28/2010	30.73	4679.27	0.54
11/1/2011	48.09	4661.91	-17.36
4/5/2012	47.02	4662.98	1.07
1/28/2013	38.97	4671.03	8.05
3/4/2014	37.47	4672.53	1.50
1/27/2015	46.24	4663.76	-8.77

All Historic Measurements



Well Name: **LC-1** *Owner:* SHELTON LAND & CATTLE

Permit #: 24577 - - *Location #:* SB00206209AA *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NE	NE		9	2	N	62	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4445499.0 *Easting (UTM x):* 557875.0

Latitude/Longitude (decimal degrees): 40.157853 -104.320422

Surface Elevation (ft): 4752 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 186 *Bottom Perforated Interval (ft):*

Aquifer(s): LARAMIE FOX HILLS

Water Level Change

1 year: -1.78

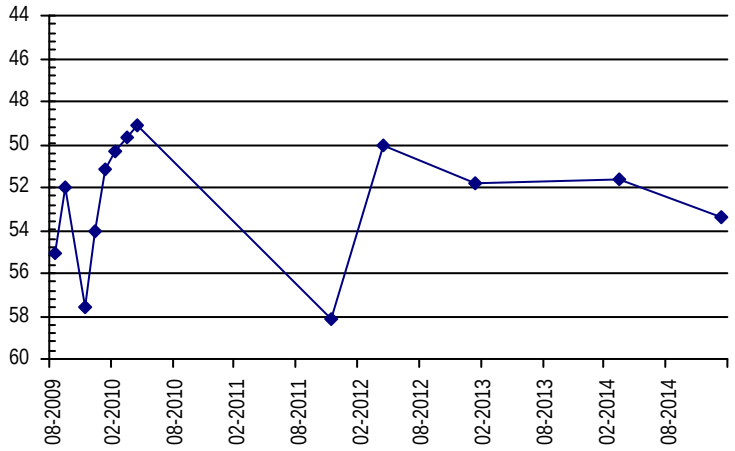
5 year: -2.27

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/24/2009	55.05	4696.95	
9/24/2009	52.01	4699.99	3.04
11/24/2009	57.55	4694.45	-5.54
12/22/2009	54.02	4697.98	3.53
1/27/2010	51.13	4700.87	2.89
2/26/2010	50.29	4701.71	0.84
3/31/2010	49.67	4702.33	0.62
4/28/2010	49.16	4702.84	0.51
11/1/2011	58.16	4693.84	-9.00
4/5/2012	50.01	4701.99	8.15
1/28/2013	51.85	4700.15	-1.84
3/4/2014	51.62	4700.38	0.23
1/27/2015	53.40	4698.60	-1.78

All Historic Measurements



Well Name: **LC-2** *Owner:* SHELTON LAND & CATTLE

Permit #: - - *Location #:* SB00206216CB *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SW	NW		16	2	N	62	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4442944.0 *Easting (UTM x):* 556378.0

Latitude/Longitude (decimal degrees): 40.134937 -104.338222

Surface Elevation (ft): 4729 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 34 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year: -0.78

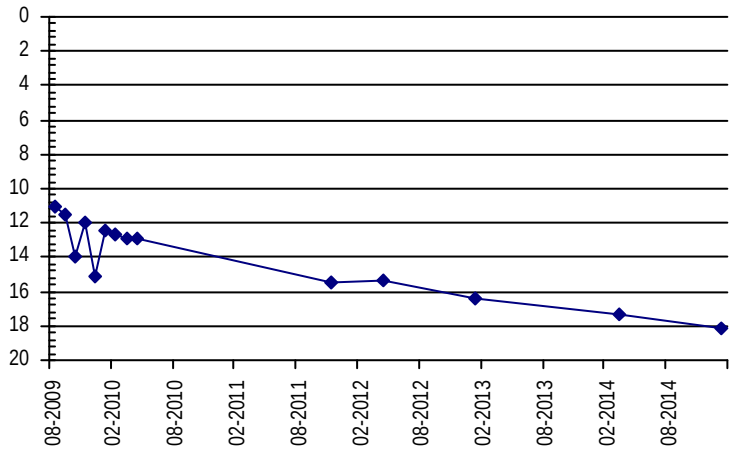
5 year: -5.65

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/26/2009	11.00	4718.00	
9/24/2009	11.49	4717.51	-0.49
10/23/2009	13.90	4715.10	-2.41
11/24/2009	11.97	4717.03	1.93
12/22/2009	15.09	4713.91	-3.12
1/27/2010	12.44	4716.56	2.65
2/26/2010	12.67	4716.33	-0.23
3/31/2010	12.94	4716.06	-0.27
4/28/2010	12.86	4716.14	0.08
11/1/2011	15.41	4713.59	-2.55
4/5/2012	15.36	4713.64	0.05
1/29/2013	16.40	4712.60	-1.04
3/4/2014	17.31	4711.69	-0.91
1/27/2015	18.09	4710.91	-0.78

All Historic Measurements



Well Name: **S-10A** *Owner:*

Permit #: - - *Location #:* SB00206218CBC *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SW	NW	SW	18	2	N	62	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4442909.4 *Easting (UTM x):* 553185.3

Latitude/Longitude (decimal degrees): 40.134834 -104.375700

Surface Elevation (ft): 4745 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 90 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year: -1.59

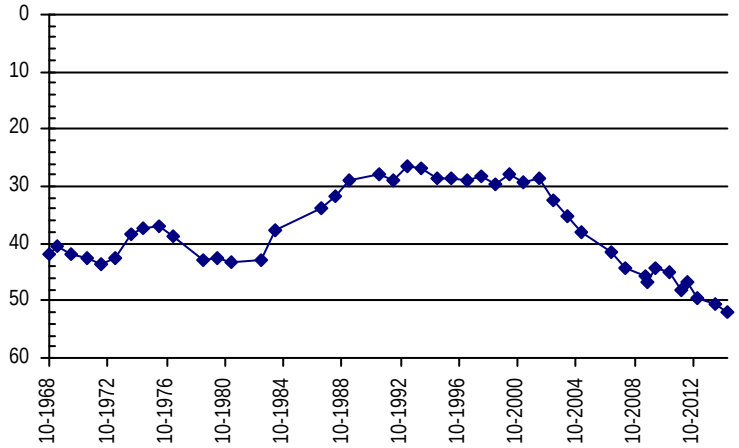
5 year: -7.68

10 year: -14.03

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	38.01	4706.99	-2.73
3/21/2007	41.50	4703.50	-3.49
2/26/2008	44.13	4700.87	-2.63
7/20/2009	45.86	4699.14	-1.73
8/20/2009	46.76	4698.24	-0.90
2/10/2010	44.36	4700.64	2.40
2/22/2011	45.11	4699.89	-0.75
11/1/2011	48.24	4696.76	-3.13
4/5/2012	46.60	4698.40	1.64
1/28/2013	49.68	4695.32	-3.08
3/4/2014	50.45	4694.55	-0.77
1/27/2015	52.04	4692.96	-1.59

All Historic Measurements



Well Name: **LC-3** *Owner:* SHOENEMAN 5M RANCH

Permit #: 31650 - - *Location #:* SB00206219CD *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SW	SE		19	2	N	62	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4440905.0 *Easting (UTM x):* 553674.0

Latitude/Longitude (decimal degrees): 40.116745 -104.370130

Surface Elevation (ft): 4759 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 86 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

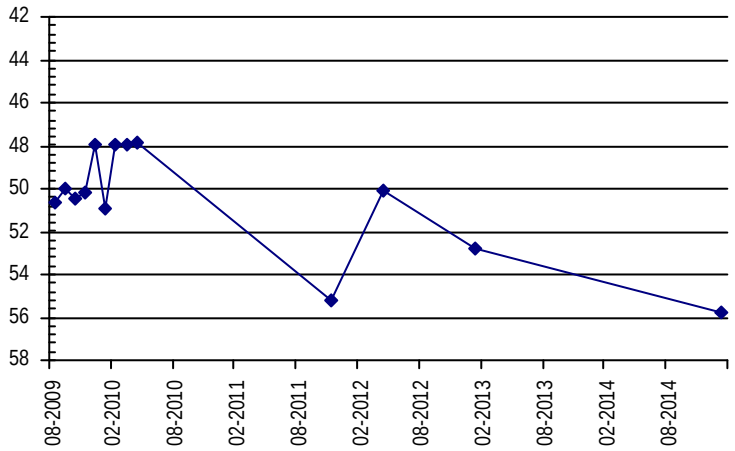
5 year: -4.89

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/26/2009	50.66	4708.34	
9/24/2009	49.98	4709.02	0.68
10/23/2009	50.45	4708.55	-0.47
11/24/2009	50.15	4708.85	0.30
12/22/2009	47.98	4711.02	2.17
1/27/2010	50.89	4708.11	-2.91
2/26/2010	47.94	4711.06	2.95
3/31/2010	47.92	4711.08	0.02
4/28/2010	47.83	4711.17	0.09
11/1/2011	55.25	4703.75	-7.42
4/5/2012	50.05	4708.95	5.20
1/28/2013	52.75	4706.25	-2.70
1/27/2015	55.78	4703.22	-3.03

All Historic Measurements



Well Name: **S-18** *Owner:* COLORADO DEPARTMENT OF TRANSPOR

Permit #: - - *Location #:* SB00206302DBA *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SE	NW	NE	2	2	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4446449.3 *Easting (UTM x):* 551027.6

Latitude/Longitude (decimal degrees): 40.166859 -104.400746

Surface Elevation (ft): 4737.42 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

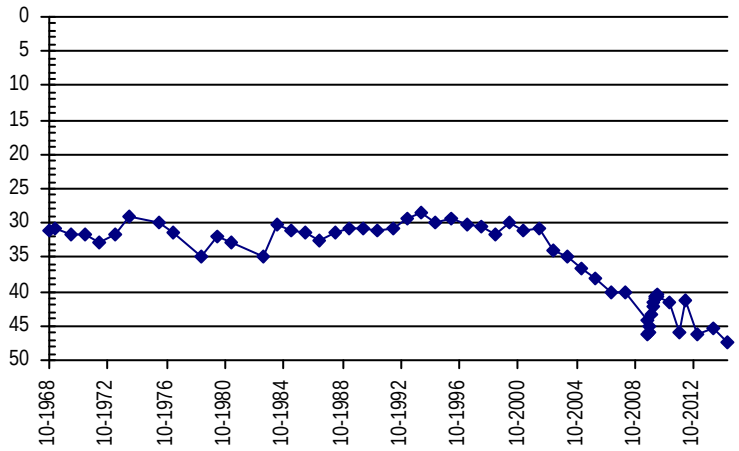
Water Level Change

1 year:	-2.08
5 year:	-5.86
10 year:	-10.72

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	36.61	4700.81	-1.69
2/7/2006	38.08	4699.34	-1.47
3/21/2007	40.19	4697.23	-2.11
2/26/2008	40.22	4697.20	-0.03
7/20/2009	44.24	4693.18	-4.02
8/24/2009	46.33	4691.09	-2.09
9/24/2009	45.82	4691.60	0.51
10/23/2009	44.95	4692.47	0.87
11/24/2009	43.40	4694.02	1.55
12/22/2009	42.28	4695.14	1.12
1/27/2010	41.47	4695.95	0.81
2/10/2010	41.05	4696.37	0.42
2/26/2010	40.79	4696.63	0.26
3/31/2010	40.52	4696.90	0.27
4/28/2010	40.57	4696.85	-0.05
2/22/2011	41.49	4695.93	-0.92
11/1/2011	45.90	4691.52	-4.41
4/5/2012	41.29	4696.13	4.61
1/28/2013	46.30	4691.12	-5.01
3/4/2014	45.25	4692.17	1.05
1/27/2015	47.33	4690.09	-2.08

All Historic Measurements



Well Name: **S-12** *Owner:* PHILLIP CAMEISCH

Permit #: 10477 - F - *Location #:* SB00206311CDD *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SW	SE	SE	11	2	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4444309.0 *Easting (UTM x):* 550697.2

Latitude/Longitude (decimal degrees): 40.147597 -104.404794

Surface Elevation (ft): 4741 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 90 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

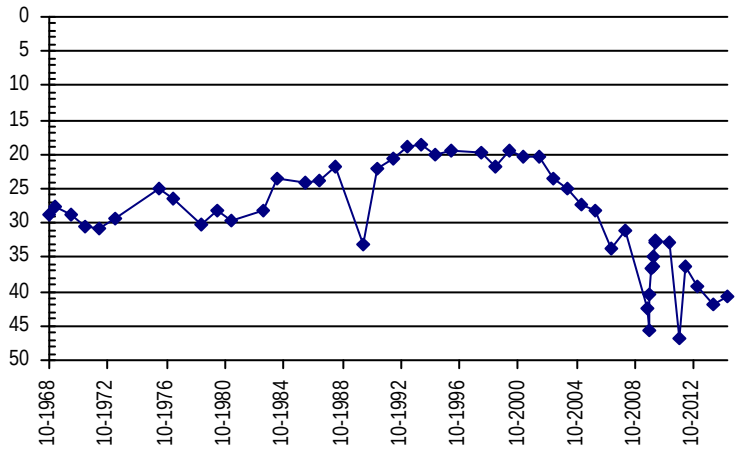
Water Level Change

1 year:	1.11
5 year:	-5.67
10 year:	-13.42

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	27.21	4713.79	-2.31
2/13/2006	28.25	4712.75	-1.04
3/21/2007	33.71	4707.29	-5.46
2/26/2008	31.20	4709.80	2.51
7/31/2009	42.50	4698.50	-11.30
9/24/2009	45.50	4695.50	-3.00
10/23/2009	40.40	4700.60	5.10
11/24/2009	36.49	4704.51	3.91
12/22/2009	36.20	4704.80	0.29
1/27/2010	34.96	4706.04	1.24
2/10/2010	32.75	4708.25	2.21
2/26/2010	32.56	4708.44	0.19
2/11/2011	32.90	4708.10	-0.34
11/1/2011	46.68	4694.32	-13.78
4/5/2012	36.37	4704.63	10.31
1/28/2013	39.20	4701.80	-2.83
3/4/2014	41.74	4699.26	-2.54
1/27/2015	40.63	4700.37	1.11

All Historic Measurements



Well Name: **LC-6** *Owner:* FLORA ZIMBELMAN

Permit #: - - *Location #:* SB00206315BB *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NW	NW		15	2	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4444013.0 *Easting (UTM x):* 548371.0

Latitude/Longitude (decimal degrees): 40.145067 -104.432125

Surface Elevation (ft): 4752 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 12 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

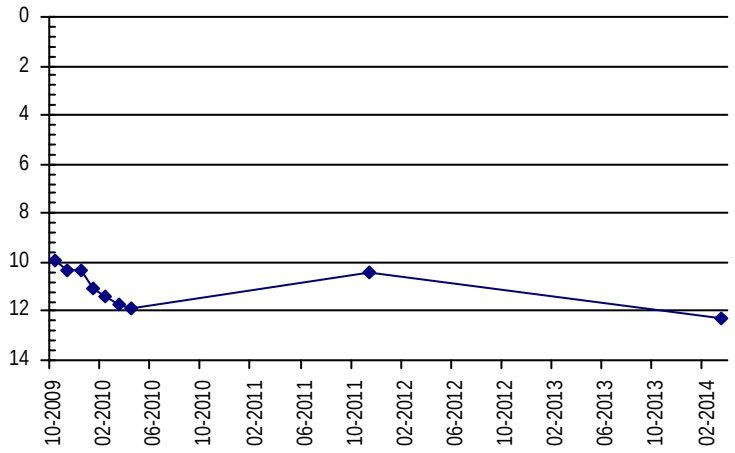
5 year:

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
10/23/2009	9.90	4742.10	
11/24/2009	10.30	4741.70	-0.40
12/22/2009	10.30	4741.70	0.00
1/27/2010	11.03	4740.97	-0.73
2/26/2010	11.43	4740.57	-0.40
3/31/2010	11.76	4740.24	-0.33
4/28/2010	11.89	4740.11	-0.13
11/1/2011	10.39	4741.61	1.50
3/4/2014	12.25	4739.75	-1.86
1/28/2015			

All Historic Measurements



Well Name: **LC-4** *Owner:* ALBERT AND LEAH ENGLEHARDT

Permit #: 31656 - FP - *Location #:* SB00206315DD *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SE	SE		15	2	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4442491.0 *Easting (UTM x):* 549533.0

Latitude/Longitude (decimal degrees): 40.131288 -104.418601

Surface Elevation (ft): 4762 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 82 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year: 3.92

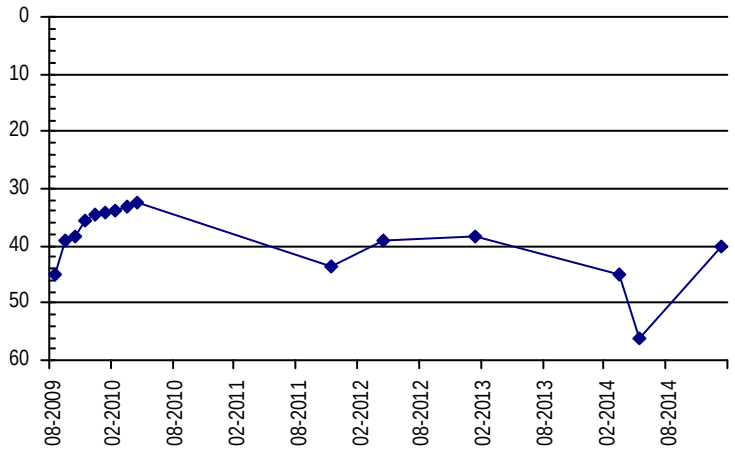
5 year: -7.07

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/26/2009	45.00	4717.00	
9/24/2009	39.15	4722.85	5.85
10/23/2009	38.22	4723.78	0.93
11/24/2009	35.47	4726.53	2.75
12/22/2009	34.46	4727.54	1.01
1/27/2010	34.12	4727.88	0.34
2/26/2010	33.68	4728.32	0.44
3/31/2010	33.07	4728.93	0.61
4/28/2010	32.45	4729.55	0.62
11/1/2011	43.51	4718.49	-11.06
4/5/2012	38.92	4723.08	4.59
1/28/2013	38.44	4723.56	0.48
3/4/2014	45.11	4716.89	-6.67
5/20/2014	56.11	4705.89	-11.00
1/28/2015	40.29	4721.71	15.82

All Historic Measurements



Well Name: **GS-1** *Owner:* ROSIE WEICKUM

Permit #: - - *Location #:* SB00206323DCD *USGS Site ID:* 400701104240201

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SE	SW	SE	23	2	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4440894.0 *Easting (UTM x):* 551052.1

Latitude/Longitude (decimal degrees): 40.116809 -104.400897

Surface Elevation (ft): 4784.73 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 82 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

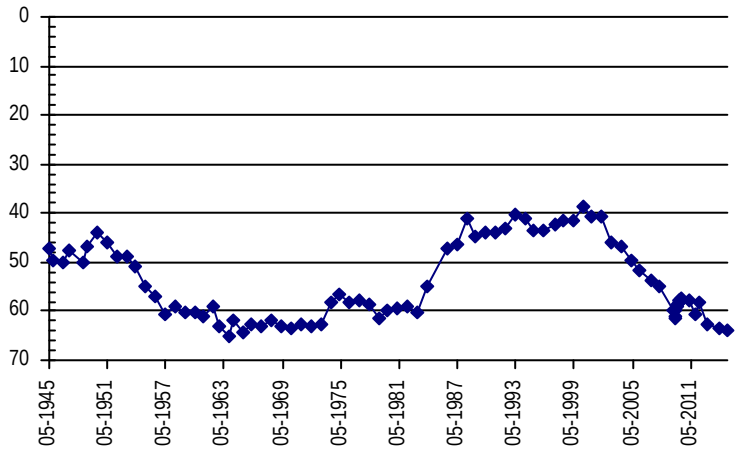
Water Level Change

1 year:	-0.62
5 year:	-5.78
10 year:	-14.32

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	49.62	4735.11	-2.65
2/7/2006	51.52	4733.21	-1.90
3/21/2007	53.74	4730.99	-2.22
2/26/2008	55.00	4729.73	-1.26
7/20/2009	59.65	4725.08	-4.65
8/26/2009	61.61	4723.12	-1.96
9/20/2009	59.89	4724.84	1.72
10/23/2009	61.07	4723.66	-1.18
11/24/2009	59.09	4725.64	1.98
12/22/2009	58.69	4726.04	0.40
1/27/2010	58.16	4726.57	0.53
2/10/2010	57.82	4726.91	0.34
2/26/2010	57.72	4727.01	0.10
3/31/2010	57.22	4727.51	0.50
4/28/2010	57.65	4727.08	-0.43
2/22/2011	57.88	4726.85	-0.23
11/1/2011	60.58	4724.15	-2.70
4/5/2012	58.18	4726.55	2.40
1/28/2013	62.57	4722.16	-4.39
3/4/2014	63.32	4721.41	-0.75
1/27/2015	63.94	4720.79	-0.62

All Historic Measurements



Well Name: **GS-2** *Owner:*

Permit #: - - *Location #:* SB00206336BCB *USGS Site ID:* 400554104234001

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NW	SW	NW	36	2	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4438872.0 *Easting (UTM x):* 551561.0

Latitude/Longitude (decimal degrees): 40.098562 -104.395087

Surface Elevation (ft): 4797.73 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

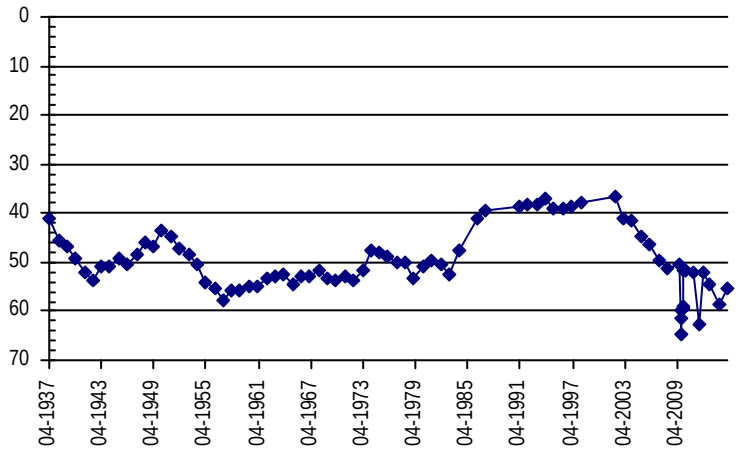
Water Level Change

1 year:	3.22
5 year:	3.57
10 year:	-10.92

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	44.62	4753.11	-2.93
2/7/2006	46.33	4751.40	-1.71
3/21/2007	49.67	4748.06	-3.34
2/26/2008	51.12	4746.61	-1.45
7/20/2009	50.41	4747.32	0.71
9/25/2009	64.69	4733.04	-14.28
10/23/2009	61.25	4736.48	3.44
11/24/2009	59.87	4737.86	1.38
12/22/2009	59.54	4738.19	0.33
1/27/2010	59.11	4738.62	0.43
2/10/2010	51.86	4745.87	7.25
2/26/2010	51.85	4745.88	0.01
3/31/2010	51.82	4745.91	0.03
4/28/2010	51.76	4745.97	0.06
2/22/2011	52.05	4745.68	-0.29
11/1/2011	62.57	4735.16	-10.52
4/5/2012	52.15	4745.58	10.42
1/28/2013	54.58	4743.15	-2.43
3/4/2014	58.76	4738.97	-4.18
1/27/2015	55.54	4742.19	3.22

All Historic Measurements



Well Name: **N-5** *Owner:* ROSS SEYFRIED

Permit #: - - *Location #:* SB00306203CCC *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SW	SW	SW	3	3	N	62	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4455609.0 *Easting (UTM x):* 557885.3

Latitude/Longitude (decimal degrees): 40.248932 -104.319391

Surface Elevation (ft): 4592 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

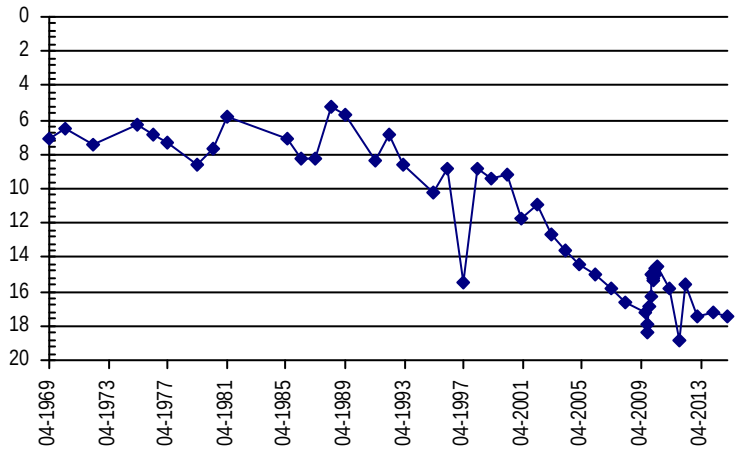
Water Level Change

1 year:	-0.27
5 year:	-2.03
10 year:	-2.97

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	14.46	4577.54	-0.84
2/7/2006	14.97	4577.03	-0.51
3/21/2007	15.79	4576.21	-0.82
2/26/2008	16.61	4575.39	-0.82
7/20/2009	17.18	4574.82	-0.57
8/24/2009	18.36	4573.64	-1.18
9/24/2009	17.85	4574.15	0.51
10/23/2009	16.91	4575.09	0.94
11/24/2009	16.27	4575.73	0.64
12/22/2009	15.01	4576.99	1.26
1/27/2010	15.40	4576.60	-0.39
2/10/2010	15.22	4576.78	0.18
2/26/2010	15.05	4576.95	0.17
3/31/2010	14.70	4577.30	0.35
4/28/2010	14.57	4577.43	0.13
2/22/2011	15.78	4576.22	-1.21
11/1/2011	18.78	4573.22	-3.00
4/5/2012	15.56	4576.44	3.22
1/28/2013	17.45	4574.55	-1.89
3/4/2014	17.16	4574.84	0.29
1/27/2015	17.43	4574.57	-0.27

All Historic Measurements



Well Name: **N-6** *Owner:* PREMIER CORP

Permit #: 12174 - F - *Location #:* SB00306214BAC *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NW	NE	SW	14	3	N	62	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4452631.0 *Easting (UTM x):* 559127.2

Latitude/Longitude (decimal degrees): 40.222017 -104.305064

Surface Elevation (ft): 4612 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 87 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

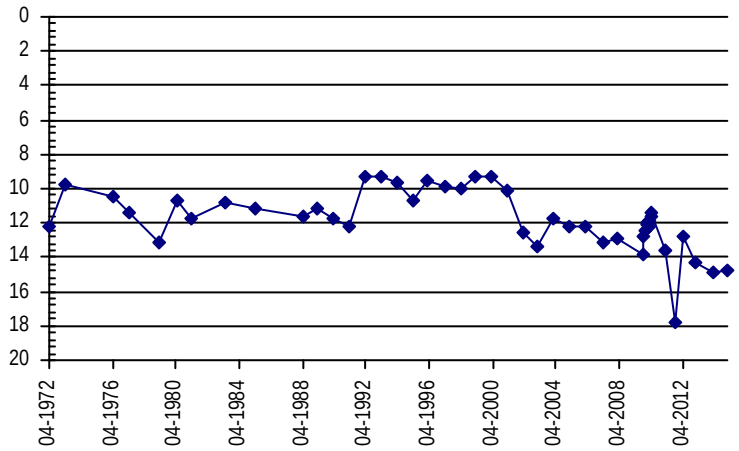
Water Level Change

1 year:	0.02
5 year:	-2.86
10 year:	-2.63

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	12.19	4599.81	-0.50
2/7/2006	12.18	4599.82	0.01
3/21/2007	13.11	4598.89	-0.93
2/26/2008	12.96	4599.04	0.15
9/24/2009	13.79	4598.21	-0.83
10/23/2009	12.80	4599.20	0.99
11/24/2009	12.43	4599.57	0.37
12/22/2009	12.06	4599.94	0.37
1/27/2010	11.96	4600.04	0.10
2/10/2010	12.26	4599.74	-0.30
2/26/2010	11.87	4600.13	0.39
3/31/2010	11.57	4600.43	0.30
4/28/2010	11.35	4600.65	0.22
2/22/2011	13.62	4598.38	-2.27
11/1/2011	17.83	4594.17	-4.21
4/5/2012	12.76	4599.24	5.07
1/28/2013	14.25	4597.75	-1.49
3/4/2014	14.84	4597.16	-0.59
1/27/2015	14.82	4597.18	0.02

All Historic Measurements



Well Name: **N-11** *Owner:* COLORADO DEPARTMENT OF TRANSPOR

Permit #: - - *Location #:* SB00306226DCD *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SE	SW	SE	26	3	N	62	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4449081.8 *Easting (UTM x):* 560640.6

Latitude/Longitude (decimal degrees): 40.189935 -104.287613

Surface Elevation (ft): 4722.05 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

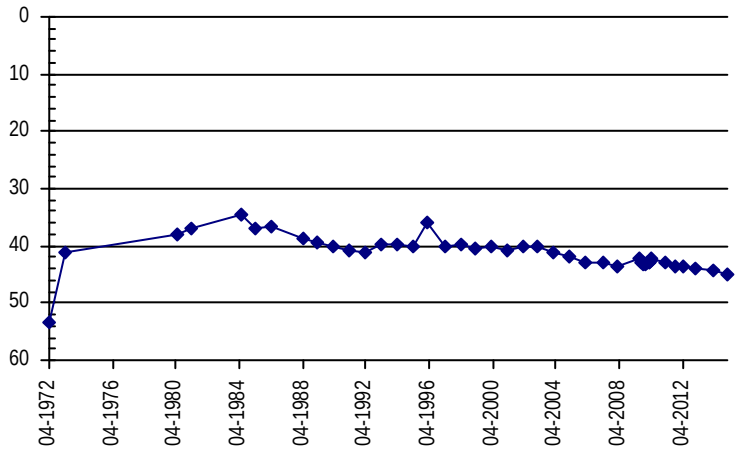
Water Level Change

1 year:	-0.46
5 year:	-2.04
10 year:	-2.87

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	41.99	4680.06	-0.85
2/7/2006	42.78	4679.27	-0.79
3/21/2007	42.89	4679.16	-0.11
2/26/2008	43.70	4678.35	-0.81
7/20/2009	42.37	4679.68	1.33
8/24/2009	42.85	4679.20	-0.48
9/24/2009	43.18	4678.87	-0.33
10/23/2009	43.03	4679.02	0.15
11/24/2009	43.09	4678.96	-0.06
12/22/2009	42.74	4679.31	0.35
1/27/2010	42.82	4679.23	-0.08
2/10/2010	42.85	4679.20	-0.03
2/26/2010	42.91	4679.14	-0.06
3/31/2010	42.51	4679.54	0.40
4/28/2010	42.35	4679.70	0.16
2/22/2011	42.95	4679.10	-0.60
11/1/2011	43.46	4678.59	-0.51
4/5/2012	43.60	4678.45	-0.14
1/28/2013	44.08	4677.97	-0.48
3/4/2014	44.40	4677.65	-0.32
1/27/2015	44.86	4677.19	-0.46

All Historic Measurements



Well Name: **N-7** *Owner:* CERVI RANCHES

Permit #: 12225 - F - *Location #:* SB00306227DAD *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SE	NE	SE	27	3	N	62	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4452605.6 *Easting (UTM x):* 555915.0

Latitude/Longitude (decimal degrees): 40.222009 -104.342818

Surface Elevation (ft): 4646.48 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 109 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

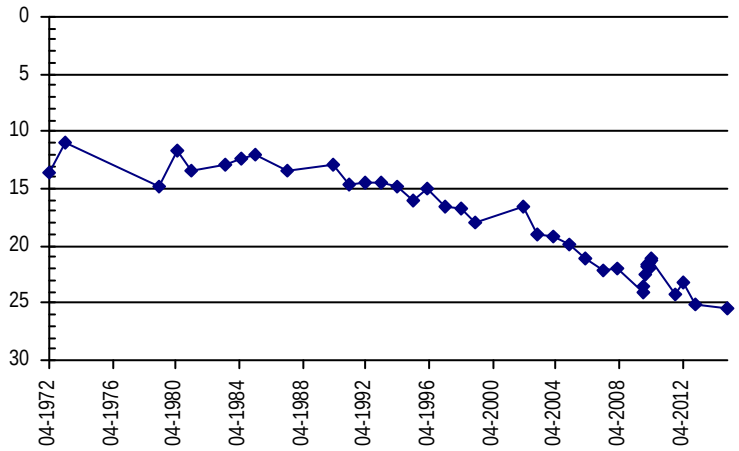
Water Level Change

1 year:	
5 year:	-3.96
10 year:	-5.75

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	19.80	4626.68	-0.67
2/7/2006	21.15	4625.33	-1.35
3/21/2007	22.21	4624.27	-1.06
2/26/2008	21.94	4624.54	0.27
9/24/2009	24.12	4622.36	-2.18
10/23/2009	23.50	4622.98	0.62
11/24/2009	22.45	4624.03	1.05
12/22/2009	21.80	4624.68	0.65
1/27/2010	21.59	4624.89	0.21
2/10/2010	21.90	4624.58	-0.31
2/26/2010	21.37	4625.11	0.53
3/31/2010	21.17	4625.31	0.20
4/28/2010	21.22	4625.26	-0.05
11/1/2011	24.28	4622.20	-3.06
4/5/2012	23.27	4623.21	1.01
1/28/2013	25.03	4621.45	-1.76
1/27/2015	25.55	4620.93	-0.52

All Historic Measurements



Well Name: **S-1A DROPPED** *Owner:* LOST CREEK LAND & CATTLE CO.

Permit #: 9596 - FP - R *Location #:* SB00306232AC *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NE	SW		32	3	N	62	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4448205.0 *Easting (UTM x):* 555590.0

Latitude/Longitude (decimal degrees): 40.182386 -104.347018

Surface Elevation (ft): 4692 *Top Perforated Interval (ft):* 61 *Base of grout (ft):*

Well depth (ft): 105 *Bottom Perforated Interval (ft):* 101

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

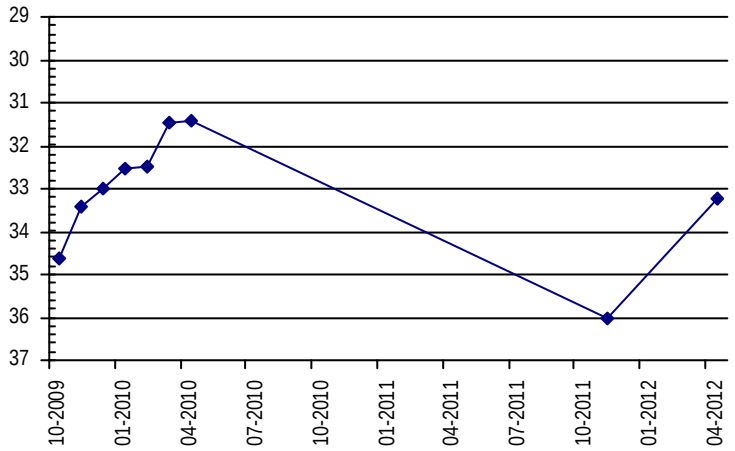
5 year:

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
10/23/2009	34.62	4657.38	
11/24/2009	33.40	4658.60	1.22
12/22/2009	32.98	4659.02	0.42
1/27/2010	32.52	4659.48	0.46
2/26/2010	32.50	4659.50	0.02
3/31/2010	31.45	4660.55	1.05
4/28/2010	31.40	4660.60	0.05
11/1/2011	36.04	4655.96	-4.64
4/5/2012	33.25	4658.75	2.79

All Historic Measurements



Well Name: **S-23A** *Owner:* CERVI RANCH

Permit #: - - *Location #:* SB00306322CAD *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SW	NE	SE	22	3	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4451023.1 *Easting (UTM x):* 548944.2

Latitude/Longitude (decimal degrees): 40.208188 -104.424863

Surface Elevation (ft): 4747 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

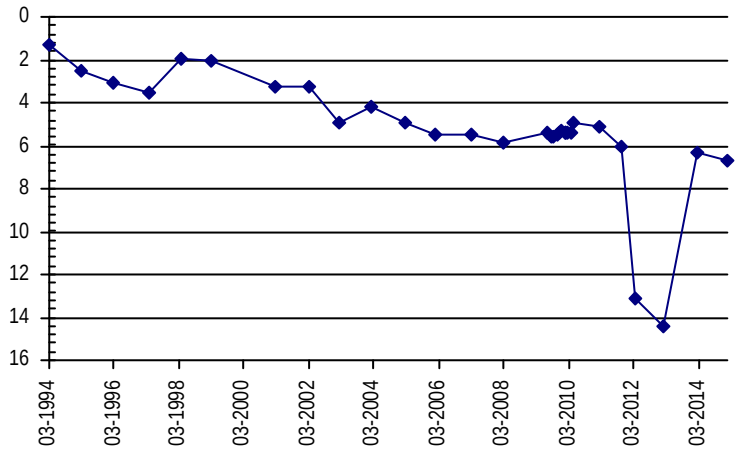
Water Level Change

1 year:	-0.40
5 year:	-1.34
10 year:	-1.77

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	4.94	4742.06	-0.74
2/7/2006	5.51	4741.49	-0.57
3/21/2007	5.52	4741.48	-0.01
2/26/2008	5.88	4741.12	-0.36
7/20/2009	5.36	4741.64	0.52
8/24/2009	5.61	4741.39	-0.25
9/24/2009	5.56	4741.44	0.05
10/23/2009	5.51	4741.49	0.05
11/24/2009	5.40	4741.60	0.11
12/22/2009	5.34	4741.66	0.06
1/27/2010	5.37	4741.63	-0.03
2/10/2010	5.38	4741.62	-0.01
2/26/2010	5.39	4741.61	-0.01
3/31/2010	5.36	4741.64	0.03
4/28/2010	4.92	4742.08	0.44
2/22/2011	5.13	4741.87	-0.21
11/1/2011	6.02	4740.98	-0.89
4/5/2012	13.16	4733.84	-7.14
1/28/2013	14.42	4732.58	-1.26
3/4/2014	6.31	4740.69	8.11
1/27/2015	6.71	4740.29	-0.40

All Historic Measurements



Well Name: **S-24** *Owner:* CERVI RANCHES

Permit #: - - *Location #:* SB00306325DDD *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SE	SE	SE	25	3	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4448793.0 *Easting (UTM x):* 552991.2

Latitude/Longitude (decimal degrees): 40.187852 -104.377494

Surface Elevation (ft): 4692 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

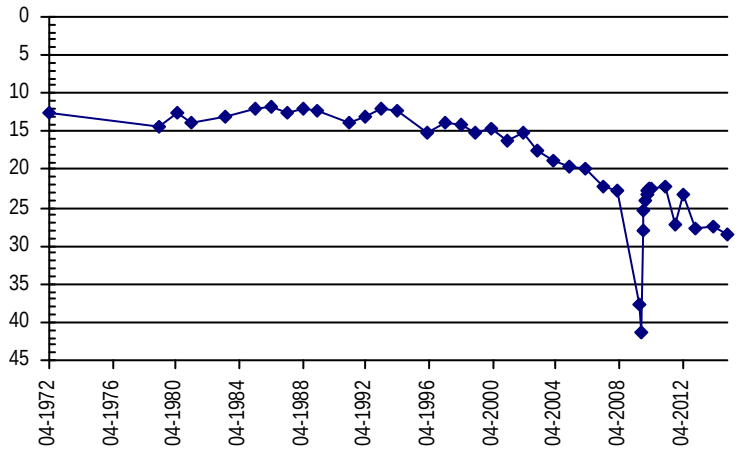
Water Level Change

1 year:	-1.14
5 year:	-5.88
10 year:	-9.00

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	19.54	4672.46	-0.69
2/7/2006	19.79	4672.21	-0.25
3/21/2007	22.32	4669.68	-2.53
2/26/2008	22.76	4669.24	-0.44
7/20/2009	37.64	4654.36	-14.88
8/24/2009	41.26	4650.74	-3.62
9/24/2009	28.12	4663.88	13.14
10/23/2009	25.41	4666.59	2.71
11/24/2009	24.06	4667.94	1.35
12/22/2009	23.20	4668.80	0.86
1/27/2010	22.66	4669.34	0.54
2/10/2010	22.42	4669.58	0.24
2/26/2010	22.51	4669.49	-0.09
4/28/2010	22.50	4669.50	0.01
2/22/2011	22.27	4669.73	0.23
11/1/2011	27.13	4664.87	-4.86
4/5/2012	23.31	4668.69	3.82
1/28/2013	27.76	4664.24	-4.45
3/4/2014	27.40	4664.60	0.36
1/27/2015	28.54	4663.46	-1.14

All Historic Measurements



Well Name: **S-26A** *Owner:* CERVI RANCHES

Permit #: - - *Location #:* SB00306326ACA *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* WELD

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NE	SW	NE	26	3	N	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4449820.1 *Easting (UTM x):* 550930.2

Latitude/Longitude (decimal degrees): 40.197232 -104.401622

Surface Elevation (ft): 4710 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

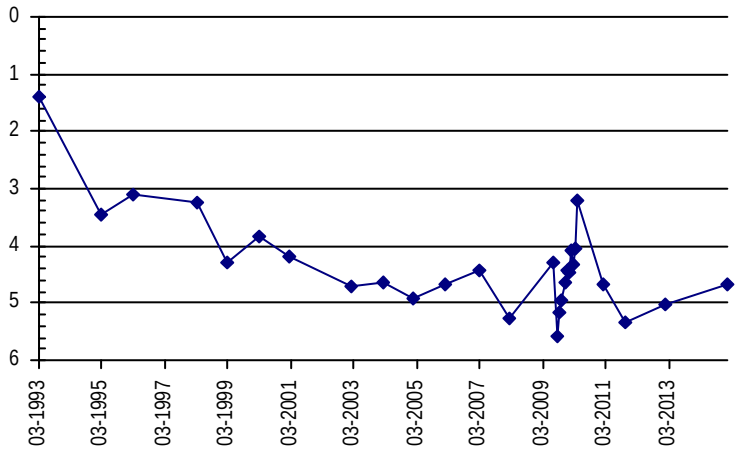
5 year: -0.20

10 year: 0.27

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	4.93	4705.07	-0.29
2/7/2006	4.68	4705.32	0.25
3/21/2007	4.43	4705.57	0.25
2/26/2008	5.26	4704.74	-0.83
7/20/2009	4.28	4705.72	0.98
8/24/2009	5.59	4704.41	-1.31
9/24/2009	5.17	4704.83	0.42
10/23/2009	4.95	4705.05	0.22
11/24/2009	4.65	4705.35	0.30
12/22/2009	4.44	4705.56	0.21
1/27/2010	4.46	4705.54	-0.02
2/10/2010	4.08	4705.92	0.38
2/26/2010	4.34	4705.66	-0.26
3/31/2010	4.06	4705.94	0.28
4/28/2010	3.20	4706.80	0.86
2/22/2011	4.68	4705.32	-1.48
11/1/2011	5.32	4704.68	-0.64
1/28/2013	5.03	4704.97	0.29
1/27/2015	4.66	4705.34	0.37

All Historic Measurements



Well Name: **LC-9** *Owner:* SOUTH ADAMS COUNTY WATER & SANITA

Permit #: 14861 - RFP - *Location #:* SC00106302CC *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* ADAMS

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SW	SW		2	1	S	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4426237.0 *Easting (UTM x):* 550006.3

Latitude/Longitude (decimal degrees): 39.984823 -104.414301

Surface Elevation (ft): *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 182 *Bottom Perforated Interval (ft):*

Aquifer(s):

Water Level Change

1 year:

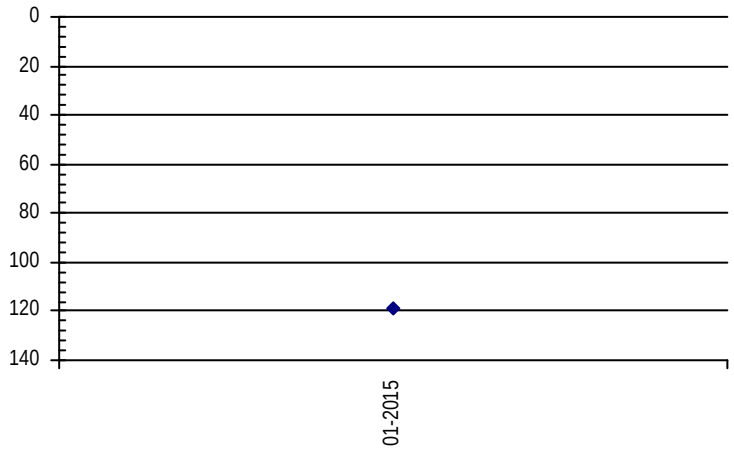
5 year:

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
1/28/2015	118.73		

All Historic Measurements



Well Name: **LC-7** *Owner:* JOHN SAUTER

Permit #: - - *Location #:* SC00106308CD *USGS Site ID:*

Division: 1 *Water District:* 1 *County:* ADAMS

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	SW	SE		8	1	S	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4424655.0 *Easting (UTM x):* 545855.0

Latitude/Longitude (decimal degrees): 39.970806 -104.463033

Surface Elevation (ft): 5042 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 103 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year: 1.60

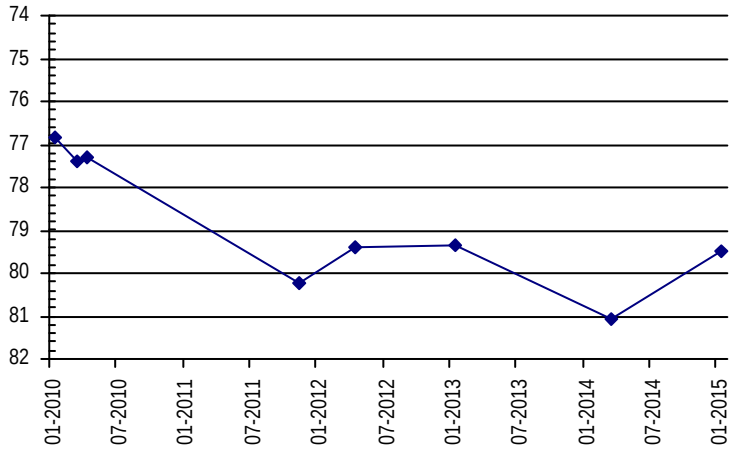
5 year: -2.64

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
1/14/2010	76.84	4965.16	
3/31/2010	77.41	4964.59	-0.57
4/28/2010	77.29	4964.71	0.12
11/17/2011	80.23	4961.77	-2.94
4/5/2012	79.40	4962.60	0.83
1/28/2013	79.35	4962.65	0.05
3/5/2014	81.08	4960.92	-1.73
1/28/2015	79.48	4962.52	1.60

All Historic Measurements



Well Name: **GS-6** *Owner:* JOHN KILPATRICK

Permit #: 14856 - R - *Location #:* SC00106310BBB *USGS Site ID:* 395904104252901

Division: 1 *Water District:* 1 *County:* ADAMS

Location:	Q160	Q40	Q10	Section	Twnshp		Range		PM	Distance from section lines:	
	NW	NW	NW	10	1	S	63	W	S	*From N/S line:*	*From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y)* 4426200.9 *Easting (UTM x):* 548372.0

Latitude/Longitude (decimal degrees): 39.984593 -104.433445

Surface Elevation (ft): 5008.8 *Top Perforated Interval (ft):* *Base of grout (ft):*

Well depth (ft): 180 *Bottom Perforated Interval (ft):*

Aquifer(s): QUATERNARY ALLUVIUM

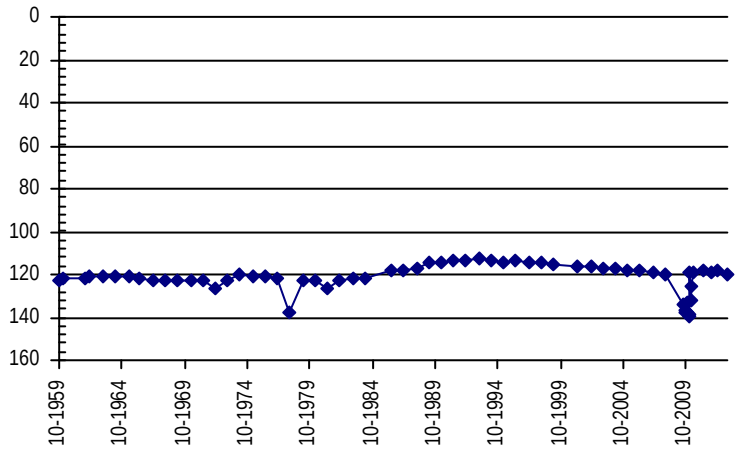
Water Level Change

1 year:

5 year:

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2005	118.22	4890.58	-0.81
2/7/2006	118.22	4890.58	0.00
3/21/2007	118.93	4889.87	-0.71
2/26/2008	119.59	4889.21	-0.66
7/20/2009	134.21	4874.59	-14.62
8/26/2009	137.58	4871.22	-3.37
9/25/2009	137.10	4871.70	0.48
10/23/2009	137.72	4871.08	-0.62
11/24/2009	132.59	4876.21	5.13
12/22/2009	139.43	4869.37	-6.84
1/27/2010	138.95	4869.85	0.48
2/10/2010	118.96	4889.84	19.99
2/26/2010	132.47	4876.33	-13.51
3/31/2010	125.96	4882.84	6.51
4/28/2010	118.64	4890.16	7.32
2/22/2011	118.53	4890.27	0.11
11/17/2011	118.90	4889.90	-0.37
4/5/2012	118.35	4890.45	0.55
1/28/2013	119.60	4889.20	-1.25
1/28/2015			

All Historic Measurements