

GROUNDWATER LEVELS  
in the  
LOST CREEK  
DESIGNATED GROUND WATER BASIN  
2016



by  
Andrew Flor



**COLORADO**  
**Division of Water Resources**  
Department of Natural Resources

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Project Manager

## LOST CREEK DESIGNATED GROUND WATER BASIN 2016

This report contains basic data concerning the depth to and elevation of groundwater in the Lost Creek Designated Basin collected in late January 2016. As in previous reports, the accompanying data tables only list data from the last 10 years, though the hydrographs display the full period of record. Wells lacking measurements for the past 10 years have been removed from the monitoring program and are no longer included in this publication. 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.

The locations of the wells included in this report and the extent of the alluvial aquifer are shown on the following map. 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 2016 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 2015 and 2016. Longer-term comparisons indicate a decline of approximately 1 foot over 5 years, and 2 feet over 10 years.

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

- Depth to water generally ranges from 15 to 64 feet. Water levels both rose and dropped depending upon location between 2015 and 2016. Longer-term comparisons indicate a decline of nearly 6 feet over 5 years, and 10 feet over 10 years.

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

- Depth to water generally ranges from 45 to 127 feet. Water levels declined an average of 1 foot between 2015 and 2016. Longer-term comparisons indicate a decline of 4.5 feet over 5 years, and 4.7 feet over 10 years.

On average, groundwater levels in wells measured by the Division of Water Resources were up by 0.4 feet compared to 2015. The medium term, 5-year comparison, showed an average decline of -3.8 feet. Over the long term, 10-year comparison, nearly all wells exhibited a decline within the basin with the average being -5.4 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.

Copies of this report can be purchased from the Office of the State Engineer, Records Section, 1313 Sherman St., Room 821, Denver, CO 80203, (303) 866-3581. 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/Levels/Pages/HydroGeo.aspx>.

Additionally, all groundwater level data may be accessed and exported using the tools available on the Colorado Decision Support System:

<http://cdss.state.co.us/onlineTools/Pages/GroundWaterWaterLevels.aspx>

and the Colorado Information Marketplace HydroBase Bulk Data Exporter:

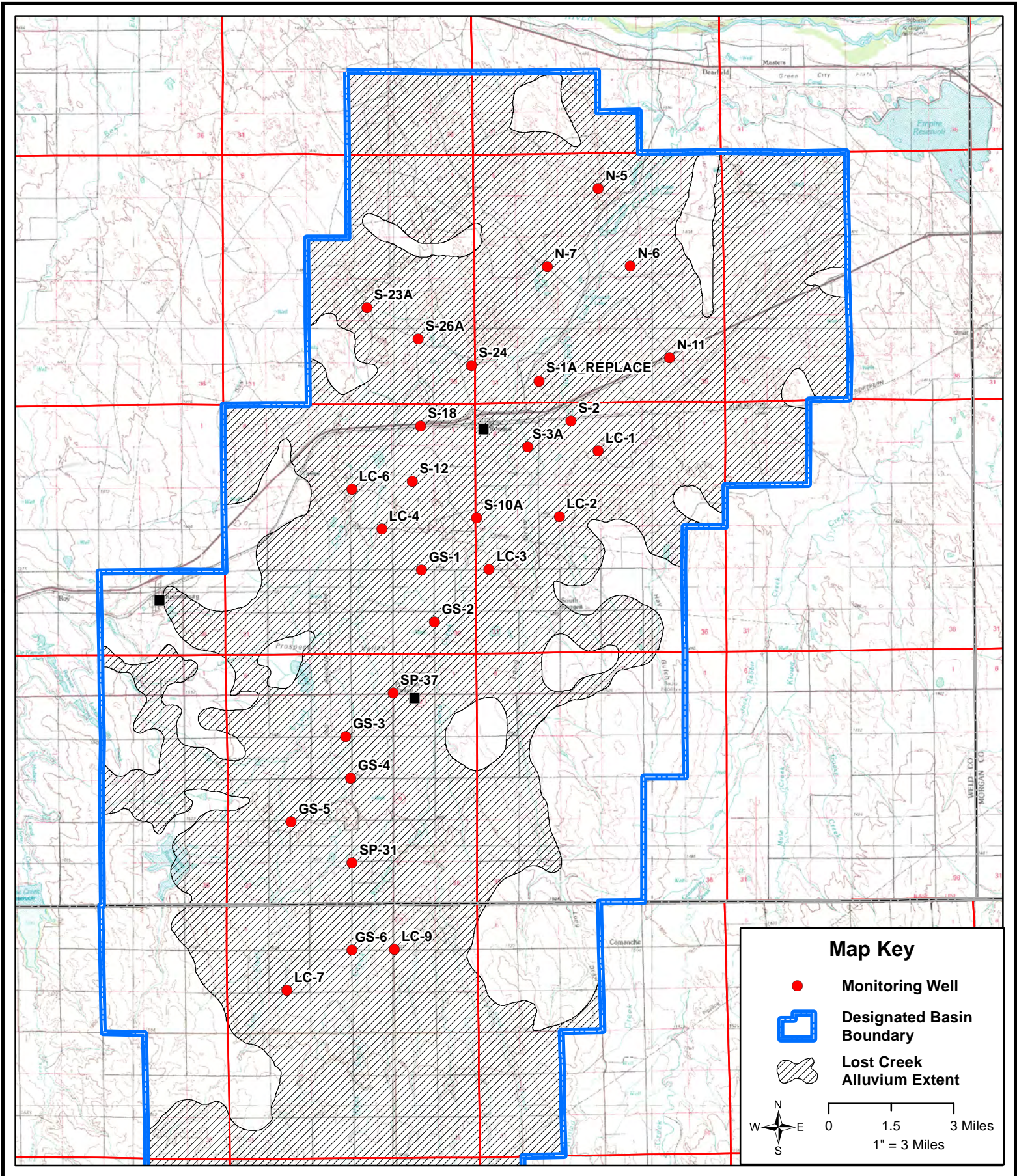
<https://data.colorado.gov/Information-Sharing/DWR-Well-Water-Level/hfwh-wsgi>

or the Colorado Decision Support System MapViewer

<http://water.state.co.us/DataMaps/GISandMaps/MapViewer/Pages/FAQ.aspx>

If you have any questions regarding groundwater in the Lost Creek Designated Ground Water Basin and the information in this report, please contact the Groundwater Information Desk at (303) 866-3587.



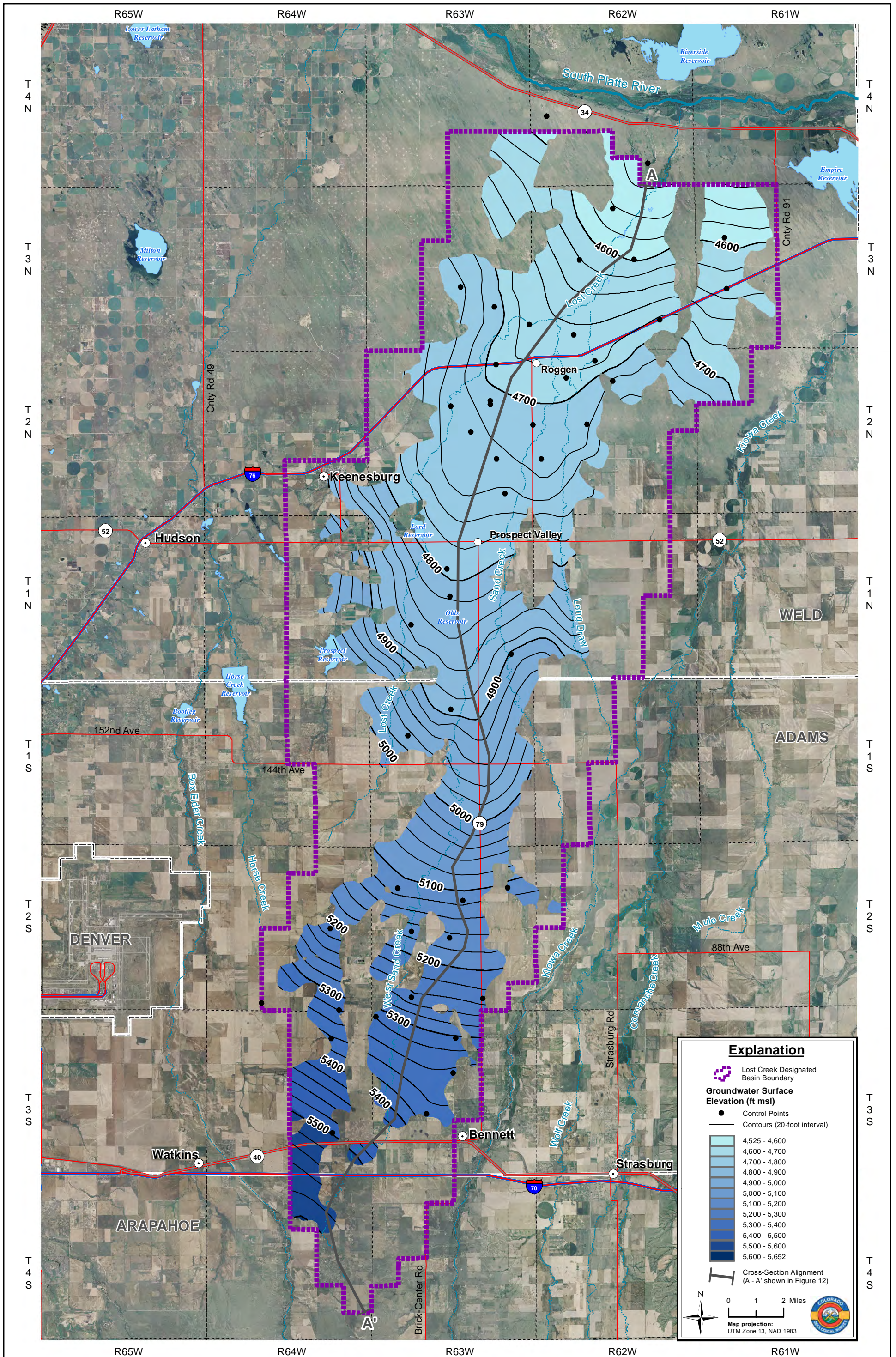


State of Colorado -- Division of Water Resources  
**Lost Creek Designated Basin  
 Monitoring Well Locations**



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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:** GS-1

*Owner:* ROSIE WEICKUM

*Permit #:* - -

*Location #:* SB00206323DCD

*USGS Site ID:* 400701104240201

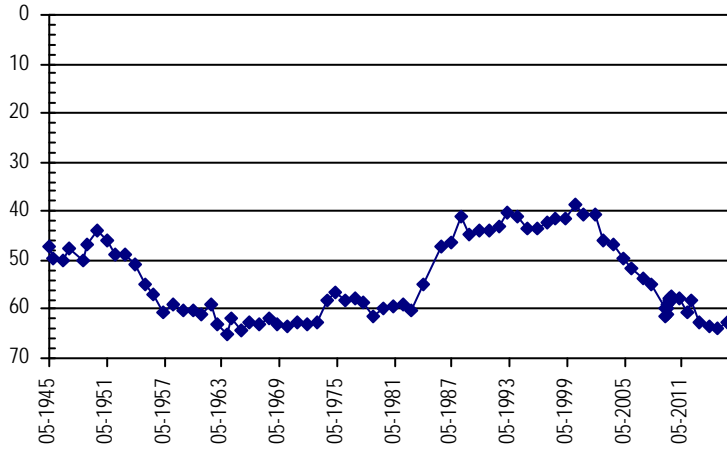
*Division:* 1      *Water District:* 1      *County:* WELD  
*Location:* Q160 Q40 Q10 Section    *Twtnshp*    *Range*    *PM*      *Distance from section lines:*  
                  SE SW SE 23      2 N      63 W S      *From N/S line:*      *From E/W line:*  
*UTM Coordinates (NAD83):*    *Northing (UTM y)*    4440894.0    *Easting (UTM x):*    551052.1    *GPS*  
*Latitude/Longitude (decimal degrees):*    40.116809      -104.400897

*Surface Elevation (ft):* 4784.73    *Top Perforated Interval (ft):*      *Base of grout (ft):*      **Water Level Change**  
*Well depth (ft):* 82      *Bottom Perforated Interval (ft):*      **1 year:** 1.24  
*Aquifer(s):* QUATERNARY ALLUVIUM      **5 year:** -4.82  
    **10 year:** -11.18

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/28/2016	62.70	4722.03	1.24

**All Historic Measurements**







## LOST CREEK

**Well Name:** GS-3

Owner:

Permit #:

Location #: SB00106309DDC

USGS Site ID: 400240104260601

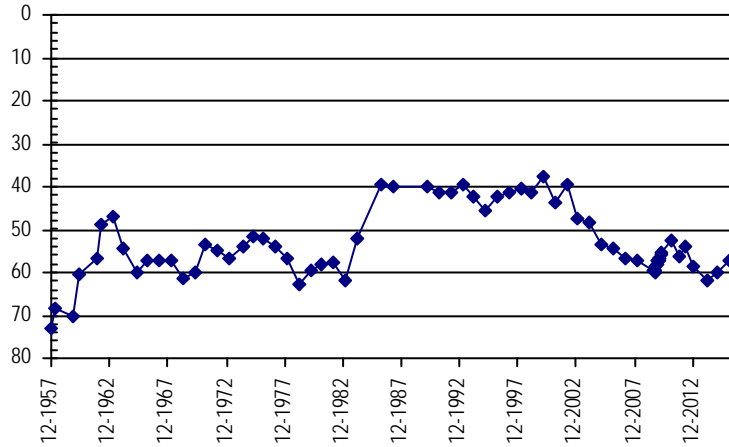
Division: 1 Water District: 1 County: WELD  
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SE SE SW 9 1 N 63 W S From N/S line: From E/W line:  
 UTM Coordinates (NAD83): Northing (UTM y) 4434448.0 Easting (UTM x): 548132.1 GPS  
 Latitude/Longitude (decimal degrees): 40.058908 -104.435643

Surface Elevation (ft): 4867.76 Top Perforated Interval (ft): Base of grout (ft): **Water Level Change**  
 Well depth (ft): 101 Bottom Perforated Interval (ft): **1 year:** 2.48  
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -4.72  
**10 year:** -3.03

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/29/2016	57.36	4810.40	2.48

### All Historic Measurements

















**LOST CREEK**

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**Well Name:** LC-2 *Owner:* SHELTON LAND & CATTLE  
*Permit #:* - - *Location #:* SB00206216CB *USGS Site ID:*

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*Division:* 1 *Water District:* 1 *County:* WELD  
*Location:* Q160 Q40 Q10 Section *Twshp* 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 *GPS*  
*Latitude/Longitude (decimal degrees):* 40.134937 -104.338222

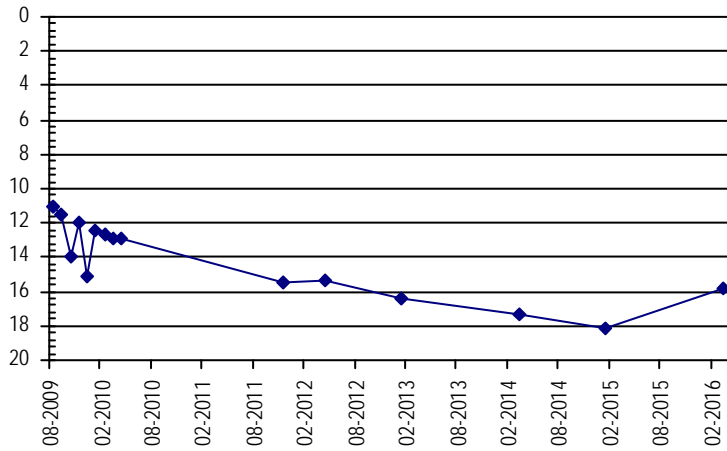
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*Surface Elevation (ft):* 4729 *Top Perforated Interval (ft):* *Base of grout (ft):* **Water Level Change**  
*Well depth (ft):* 34 *Bottom Perforated Interval (ft):* **1 year:** 2.29  
*Aquifer(s):* QUATERNARY ALLUVIUM **5 year:**  
**10 year:**

**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
3/11/2016	15.80	4713.20	2.29

**All Historic Measurements**



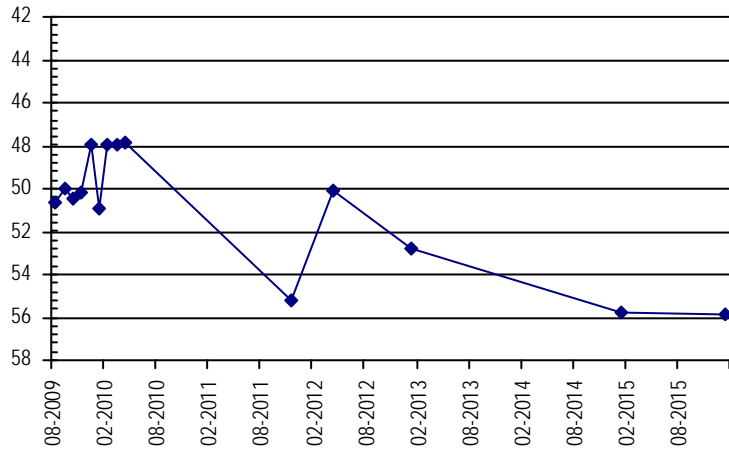
## LOST CREEK

<b>Well Name:</b>	<b>LC-3</b>	<i>Owner:</i>	SHOENEMAN 5M RANCH		
<i>Permit #:</i>	31650 - -	<i>Location #:</i>	SB00206219CD		<i>USGS Site ID:</i>
<i>Division:</i>	1	<i>Water District:</i>	1		<i>County:</i> WELD
<i>Location:</i>	Q160 Q40 Q10 Section	Twtnshp	Range	PM	<i>Distance from section lines:</i>
	SW SE 19	2 N	62 W S		<i>From N/S line:                    From E/W line:</i>
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i>	4440905.0	<i>Easting (UTM x):</i>	553674.0 <i>GPS</i>	
<i>Latitude/Longitude (decimal degrees):</i>	40.116745		-104.370130		
<i>Surface Elevation (ft):</i>	4759	<i>Top Perforated Interval (ft):</i>	<i>Base of grout (ft):</i>		<b>Water Level Change</b>
<i>Well depth (ft):</i>	86	<i>Bottom Perforated Interval (ft):</i>			<b>1 year:</b> -0.06
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM				<b>5 year:</b>
					<b>10 year:</b>

### 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
1/28/2016	55.84	4703.16	-0.06

### All Historic Measurements



## LOST CREEK

**Well Name:** LC-4 *Owner:* ALBERT AND LEAH ENGLEHARDT  
*Permit #:* 31656 - FP - *Location #:* SB00206315DD *USGS Site ID:*

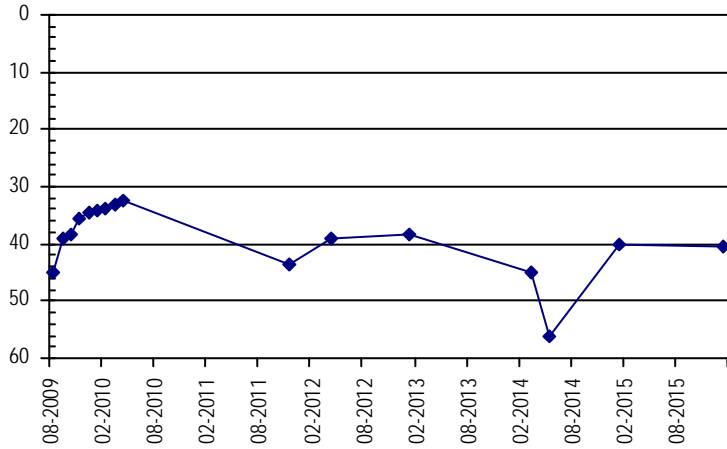
*Division:* 1 *Water District:* 1 *County:* WELD  
*Location:* Q160 Q40 Q10 Section Twnshp Range PM *Distance from section lines:*  
                   SE SE           15       2 N   63 W S *From N/S line:* *From E/W line:*  
*UTM Coordinates (NAD83):* *Northing (UTM y)* 4442491.0 *Easting (UTM x):* 549533.0 *GPS*  
*Latitude/Longitude (decimal degrees):* 40.131288 -104.418601

*Surface Elevation (ft):* 4762 *Top Perforated Interval (ft):* *Base of grout (ft):* **Water Level Change**  
*Well depth (ft):* 82 *Bottom Perforated Interval (ft):* **1 year:** -0.32  
*Aquifer(s):* QUATERNARY ALLUVIUM **5 year:**  
**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
1/28/2016	40.61	4721.39	-0.32

### All Historic Measurements





## LOST CREEK

**Well Name:** LC-6

**Owner:** FLORA ZIMBELMAN

**Permit #:** - -

**Location #:** SB00206315BB

**USGS Site ID:**

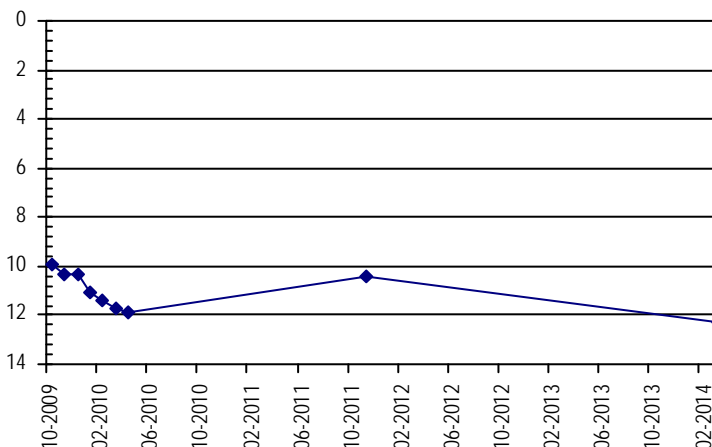
**Division:** 1      **Water District:** 1      **County:** WELD  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
                  NW NW            15            2 N            63 W S            From N/S line:            From E/W line:  
**UTM Coordinates (NAD83):** Northing (UTM y) 4444013.0 Easting (UTM x): 548371.0 GPS  
**Latitude/Longitude (decimal degrees):** 40.145067            -104.432125

**Surface Elevation (ft):** 4752      **Top Perforated Interval (ft):**      **Base of grout (ft):**      **Water Level Change**  
**Well depth (ft):** 12      **Bottom Perforated Interval (ft):**  
**Aquifer(s):** QUATERNARY ALLUVIUM      **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			
1/28/2016			

### All Historic Measurements



**Well Name:** LC-7

**Owner:** JOHN SAUTER

**Permit #:** - -

**Location #:** SC00106308CD

**USGS Site ID:**

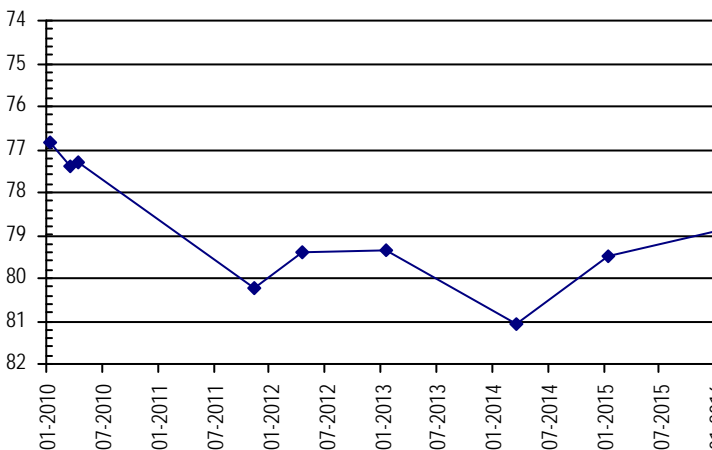
**Division:** 1      **Water District:** 1      **County:** ADAMS  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
                  SW SE            8            1 S            63 W S            From N/S line:            From E/W line:  
**UTM Coordinates (NAD83):** Northing (UTM y) 4424655.0 Easting (UTM x): 545855.0 GPS  
**Latitude/Longitude (decimal degrees):** 39.970806            -104.463033

**Surface Elevation (ft):** 5042      **Top Perforated Interval (ft):**      **Base of grout (ft):**      **Water Level Change**  
**Well depth (ft):** 103      **Bottom Perforated Interval (ft):**  
**Aquifer(s):** QUATERNARY ALLUVIUM      **1 year:** 0.59  
    **5 year:**  
    **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
1/29/2016	78.89	4963.11	0.59

### All Historic Measurements



## LOST CREEK

**Well Name:** LC-9 **Owner:** SOUTH ADAMS COUNTY WATER & SANITA  
**Permit #:** 14861 - RFP - **Location #:** SC00106302CC **USGS Site ID:**

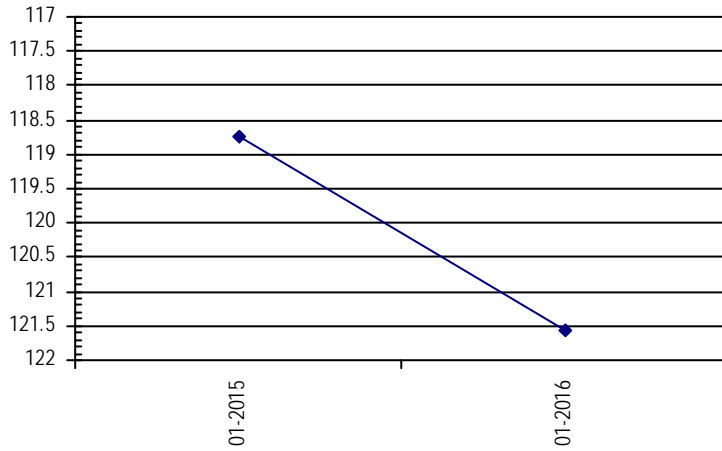
**Division:** 1 **Water District:** 1 **County:** ADAMS  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 SW SW 2 1 S 63 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** Northing (UTM y) 4426237.0 Easting (UTM x): 550006.3 *GPS*  
**Latitude/Longitude (decimal degrees):** 39.984823 -104.414301

**Surface Elevation (ft):** **Top Perforated Interval (ft):** **Base of grout (ft):** **Water Level Change**  
**Well depth (ft):** 182 **Bottom Perforated Interval (ft):** **1 year:** -2.84  
**Aquifer(s):** **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		
1/29/2016	121.57		-2.84

### All Historic Measurements



**LOST CREEK**

**Well Name:** N-11 **Owner:** COLORADO DEPARTMENT OF TRANSPOR  
**Permit #:** - - **Location #:** SB00306226DCD **USGS Site ID:**

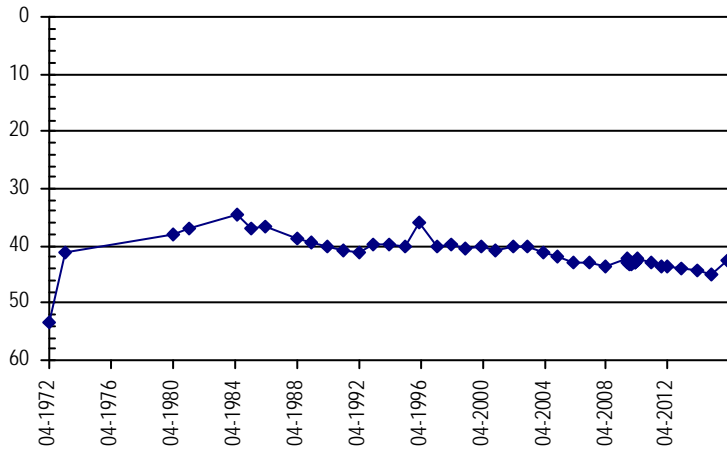
**Division:** 1 **Water District:** 1 **County:** WELD  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SE SW SE 26 3 N 62 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** *Northing (UTM y)* 4449081.8 *Easting (UTM x):* 560640.6 *GPS*  
**Latitude/Longitude (decimal degrees):** 40.189935 -104.287613

**Surface Elevation (ft):** 4722.05 **Top Perforated Interval (ft):** **Base of grout (ft):** **Water Level Change**  
**Well depth (ft):** **Bottom Perforated Interval (ft):** **1 year:** 2.40  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** 0.49  
**10 year:** 0.32

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/28/2016	42.46	4679.59	2.40

**All Historic Measurements**





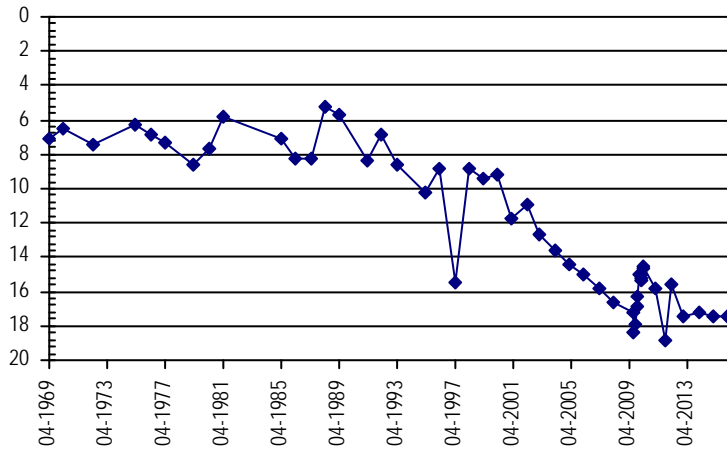
## LOST CREEK

<b>Well Name:</b> N-5			<b>Owner:</b> ROSS SEYFRIED		
<b>Permit #:</b> - -			<b>Location #:</b> SB00306203CCC		
<b>Division:</b> 1			<b>Water District:</b> 1		
<b>Location:</b> Q160 Q40 Q10 Section			<b>County:</b> WELD		
SW SW SW 3			Twncshp Range PM Distance from section lines:		
3 3 N 62 W S			<b>From N/S line:</b> <b>From E/W line:</b>		
<b>UTM Coordinates (NAD83):</b> Northing (UTM y) 4455609.0			Easting (UTM x): 557885.3 <i>GPS</i>		
<b>Latitude/Longitude (decimal degrees):</b>			40.248932 -104.319391		
<b>Surface Elevation (ft):</b> 4592	<b>Top Perforated Interval (ft):</b>	<b>Base of grout (ft):</b>		<b>Water Level Change</b>	
<b>Well depth (ft):</b>	<b>Bottom Perforated Interval (ft):</b>			<b>1 year:</b>	-0.05
<b>Aquifer(s):</b> QUATERNARY ALLUVIUM				<b>5 year:</b>	-1.70
				<b>10 year:</b>	-2.51

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/29/2016	17.48	4574.52	-0.05

### All Historic Measurements



## LOST CREEK

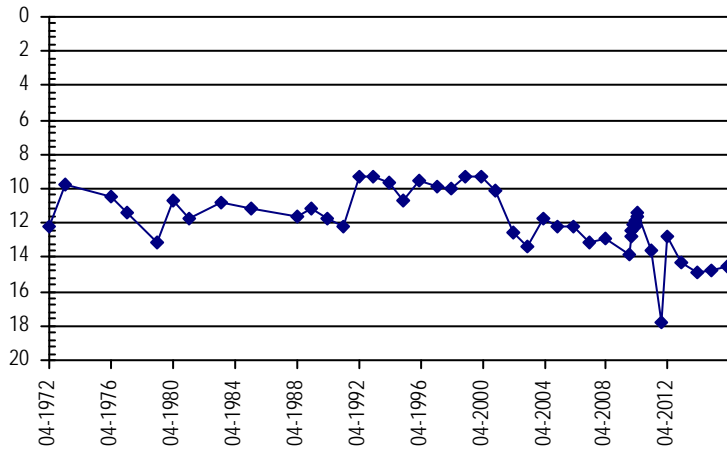
<b>Well Name:</b>	<b>N-6</b>			<i>Owner:</i>	PREMIER CORP
<i>Permit #:</i>	12174 - F -	<i>Location #:</i>	SB00306214BAC	<i>USGS Site ID:</i>	
<i>Division:</i>	1	<i>Water District:</i>	1	<i>County:</i>	WELD
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp	Range	PM	Distance from section lines:
	NW NE SW 14	3 N	62 W S		<i>From N/S line:</i> <i>From E/W line:</i>
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i>	4452631.0	<i>Easting (UTM x):</i>	559127.2	<i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>		40.222017		-104.305064	
<i>Surface Elevation (ft):</i>	4612	<i>Top Perforated Interval (ft):</i>		<i>Base of grout (ft):</i>	
<i>Well depth (ft):</i>	87	<i>Bottom Perforated Interval (ft):</i>			
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM				

**Water Level Change**  
**1 year:** 0.34  
**5 year:** -0.86  
**10 year:** -2.30

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/29/2016	14.48	4597.52	0.34

### All Historic Measurements



## LOST CREEK

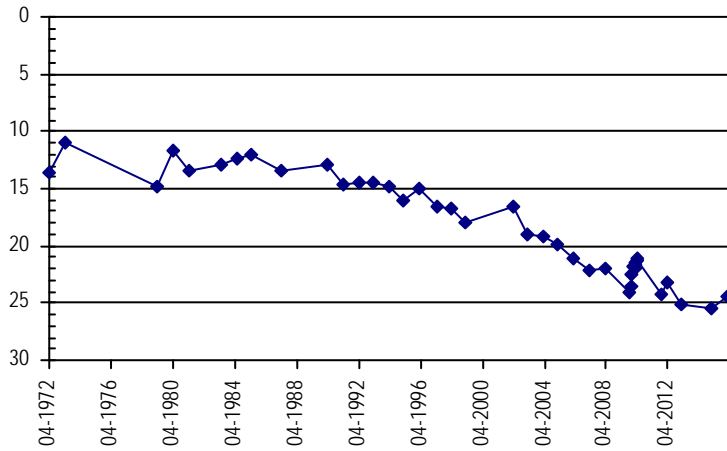
<b>Well Name:</b>	<b>N-7</b>		<i>Owner:</i>	CERVI RANCHES
<i>Permit #:</i>	12225 - F -	<i>Location #:</i>	SB00306227DAD	<i>USGS Site ID:</i>
<i>Division:</i>	1	<i>Water District:</i>	1	<i>County:</i> WELD
<i>Location:</i>	Q160 Q40 Q10	Section	Twtnshp	Range
	SE NE SE	27	3 N	62 W S
				<i>Distance from section lines:</i>
				<i>From N/S line:</i>
				<i>From E/W line:</i>
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i>	4452605.6	<i>Easting (UTM x):</i>	555915.0 <i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>		40.222009		-104.342818
<i>Surface Elevation (ft):</i>	4646.48	<i>Top Perforated Interval (ft):</i>		<i>Base of grout (ft):</i>
<i>Well depth (ft):</i>	109	<i>Bottom Perforated Interval (ft):</i>		
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM			

**Water Level Change**  
**1 year:** 1.15  
**5 year:**  
**10 year:** -3.25

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/29/2016	24.40	4622.08	1.15

### All Historic Measurements







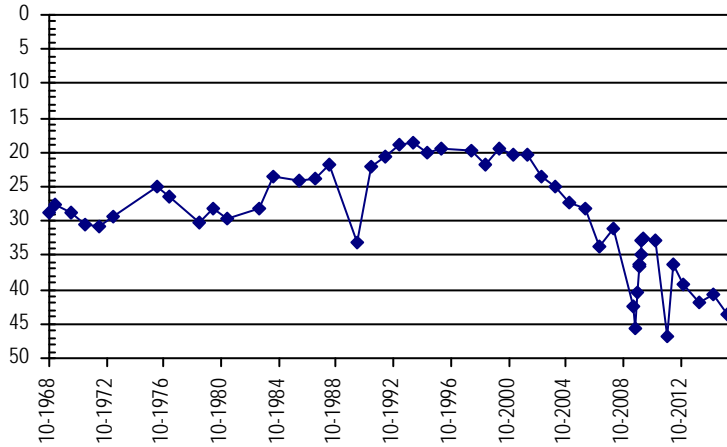
## LOST CREEK

<b>Well Name:</b>	<b>S-12</b>	<i>Owner:</i> PHILLIP CAMEISCH	
<i>Permit #:</i>	10477 - F -	<i>Location #:</i> SB00206311CDD	<i>USGS Site ID:</i>
<i>Division:</i>	1	<i>Water District:</i> 1	<i>County:</i> WELD
<i>Location:</i>	Q160 Q40 Q10 Section SW SE SE 11	Twnshp Range PM 2 N 63 W S	<i>Distance from section lines:</i> <i>From N/S line:</i> <i>From E/W line:</i>
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y):</i> 4444309.0	<i>Easting (UTM x):</i> 550697.2	<i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>	40.147597	-104.404794	
<i>Surface Elevation (ft):</i>	4741	<i>Top Perforated Interval (ft):</i>	<i>Base of grout (ft):</i>
<i>Well depth (ft):</i>	90	<i>Bottom Perforated Interval (ft):</i>	<b>Water Level Change</b>
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		<b>1 year:</b> -2.89
			<b>5 year:</b> -10.62
			<b>10 year:</b> -15.27

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/28/2016	43.52	4697.48	-2.89

### All Historic Measurements



## LOST CREEK

**Well Name: S-18**

*Owner:* COLORADO DEPARTMENT OF TRANSPOR

*Permit #:* - -

*Location #:* SB00206302DBA

*USGS Site ID:*

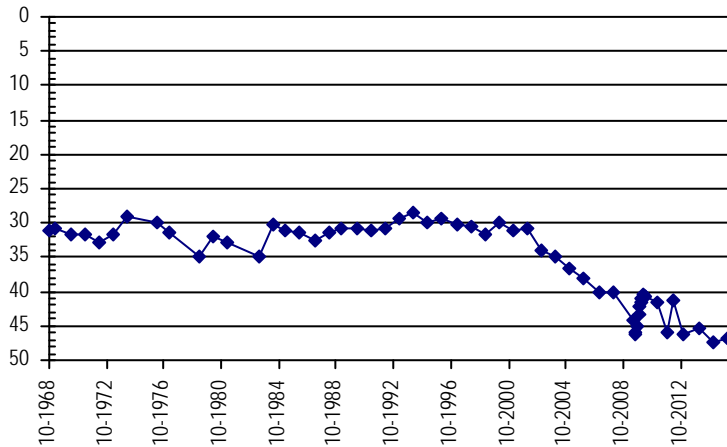
*Division:* 1      *Water District:* 1      *County:* WELD  
*Location:* Q160 Q40 Q10 Section      *Twtnshp*      *Range*      *PM*      *Distance from section lines:*  
                  SE NW NE      2      2 N      63 W S      *From N/S line:*      *From E/W line:*  
*UTM Coordinates (NAD83):*      *Northing (UTM y)*      4446449.3      *Easting (UTM x):*      551027.6      *GPS*  
*Latitude/Longitude (decimal degrees):*      40.166859      -104.400746

*Surface Elevation (ft):* 4737.42      *Top Perforated Interval (ft):*      *Base of grout (ft):*      **Water Level Change**  
*Well depth (ft):*      *Bottom Perforated Interval (ft):*      **1 year:**      0.44  
*Aquifer(s):*      QUATERNARY ALLUVIUM      **5 year:**      -5.40  
    **10 year:**      -8.81

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/28/2016	46.89	4690.53	0.44

### 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    Twtnshp    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    *GPS*

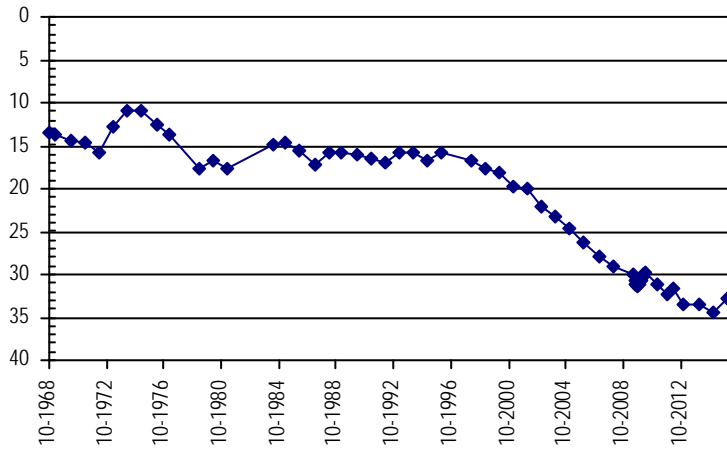
*Latitude/Longitude (decimal degrees):*                  40.168303                                  -104.332553

<i>Surface Elevation (ft):</i> 4695	<i>Top Perforated Interval (ft):</i>	<i>Base of grout (ft):</i>	<b>Water Level Change</b>
<i>Well depth (ft):</i> 36	<i>Bottom Perforated Interval (ft):</i>		<b>1 year:</b> 1.65
<i>Aquifer(s):</i> QUATERNARY ALLUVIUM			<b>5 year:</b> -1.55
			<b>10 year:</b> -6.60

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/28/2016	32.78	4662.22	1.65

### All Historic Measurements





## LOST CREEK

**Well Name:** S-23A

*Owner:* CERVI RANCH

*Permit #:* - -

*Location #:* SB00306322CAD

*USGS Site ID:*

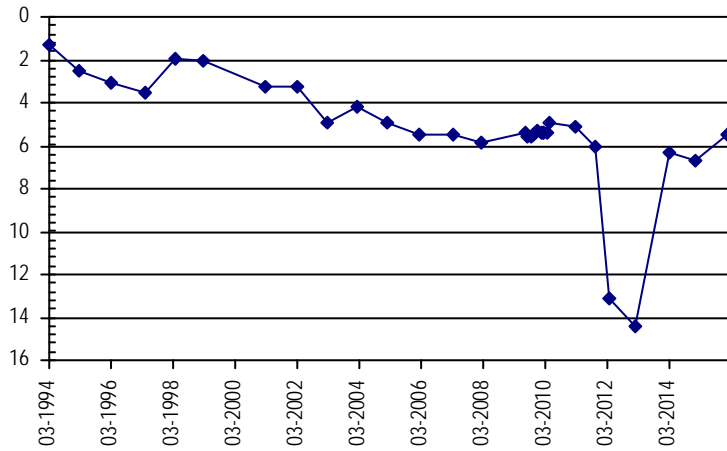
*Division:* 1      *Water District:* 1      *County:* WELD  
*Location:* Q160 Q40 Q10 Section    *Twnshp*    *Range*    *PM*      *Distance from section lines:*  
                  SW NE SE 22      3 N      63 W S      *From N/S line:*      *From E/W line:*  
*UTM Coordinates (NAD83):*    *Northing (UTM y)*    4451023.1    *Easting (UTM x):*    548944.2    *GPS*  
*Latitude/Longitude (decimal degrees):*    40.208188      -104.424863

*Surface Elevation (ft):* 4747      *Top Perforated Interval (ft):*      *Base of grout (ft):*      **Water Level Change**  
*Well depth (ft):*      *Bottom Perforated Interval (ft):*      **1 year:** 1.23  
*Aquifer(s):* QUATERNARY ALLUVIUM      **5 year:** -0.35  
    **10 year:** 0.03

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/28/2016	5.48	4741.52	1.23

**All Historic Measurements**



## LOST CREEK

**Well Name:** S-24

*Owner:* CERVI RANCHES

*Permit #:* - -

*Location #:* SB00306325DDD

*USGS Site ID:*

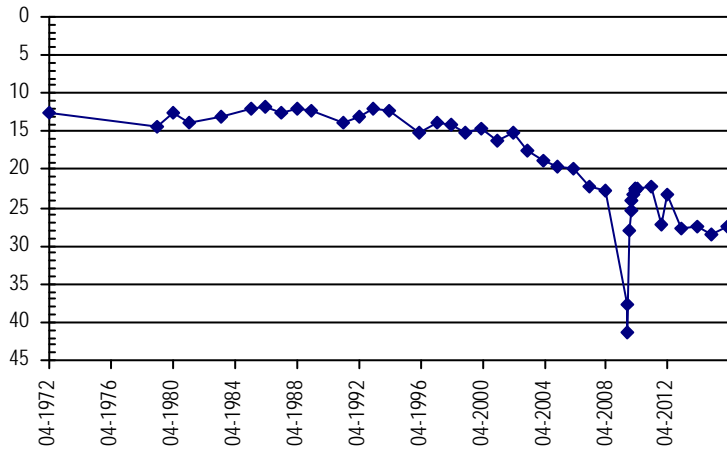
*Division:* 1 *Water District:* 1 *County:* WELD  
*Location:* Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 SE SE SE 25 3 N 63 W S *From N/S line:* *From E/W line:*  
*UTM Coordinates (NAD83):* Northing (UTM y) 4448793.0 Easting (UTM x): 552991.2 GPS  
*Latitude/Longitude (decimal degrees):* 40.187852 -104.377494

*Surface Elevation (ft):* 4692 *Top Perforated Interval (ft):* *Base of grout (ft):* **Water Level Change**  
*Well depth (ft):* *Bottom Perforated Interval (ft):* **1 year:** 1.13  
*Aquifer(s):* QUATERNARY ALLUVIUM **5 year:** -5.14  
**10 year:** -7.62

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/28/2016	27.41	4664.59	1.13

**All Historic Measurements**



# LOST CREEK

**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    *Twtnshp* 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 *GPS*

*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

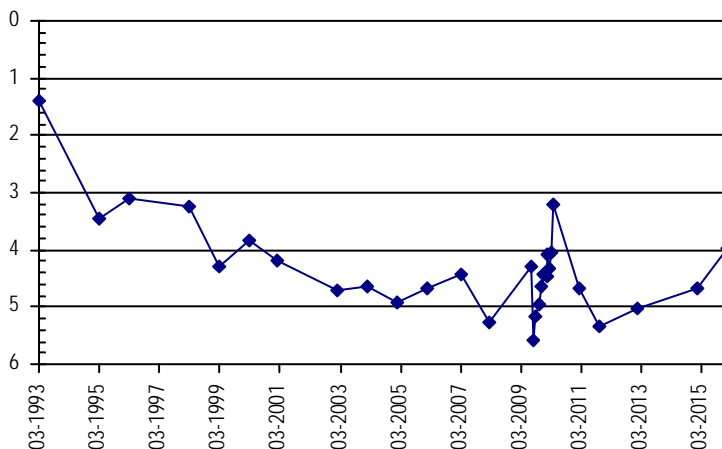
**Water Level Change**

**1 year:** 0.69  
**5 year:** 0.71  
**10 year:** 0.71

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/28/2016	3.97	4706.03	0.69

**All Historic Measurements**



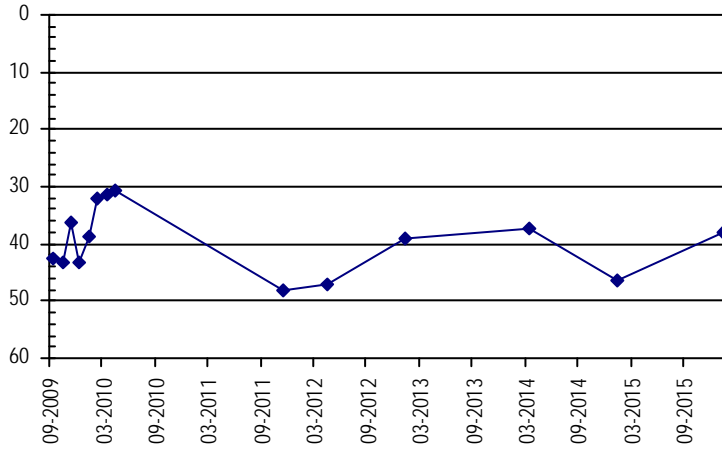
## LOST CREEK

<b>Well Name:</b> S-3A		<i>Owner:</i> SHELTON LAND & CATTLE	
<i>Permit #:</i> 9523 - F -	<i>Location #:</i> SB00206208BAB	<i>USGS Site ID:</i>	
<i>Division:</i> 1	<i>Water District:</i> 1	<i>County:</i> WELD	
<i>Location:</i> Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:			
NW NE NW 8 2 N 62 W S		<i>From N/S line:</i> <i>From E/W line:</i>	
<i>UTM Coordinates (NAD83): Northing (UTM y)</i> 4445660.0		<i>Easting (UTM x):</i> 555156.0 <i>GPS</i>	
<i>Latitude/Longitude (decimal degrees):</i> 40.159487		-104.352333	
<i>Surface Elevation (ft):</i> 4710	<i>Top Perforated Interval (ft):</i> 55	<i>Base of grout (ft):</i>	<b>Water Level Change</b>
<i>Well depth (ft):</i> 96	<i>Bottom Perforated Interval (ft):</i> 95		<b>1 year:</b> 8.27
<i>Aquifer(s):</i> QUATERNARY ALLUVIUM			<b>5 year:</b>
			<b>10 year:</b>

### 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
1/28/2016	37.97	4672.03	8.27

### All Historic Measurements



**LOST CREEK**

**Well Name:** SP-31 **Owner:** BLOOD,C.  
**Permit #:** 14860 - RFP - **Location #:** SB00106334BBB **USGS Site ID:** 400054104255601

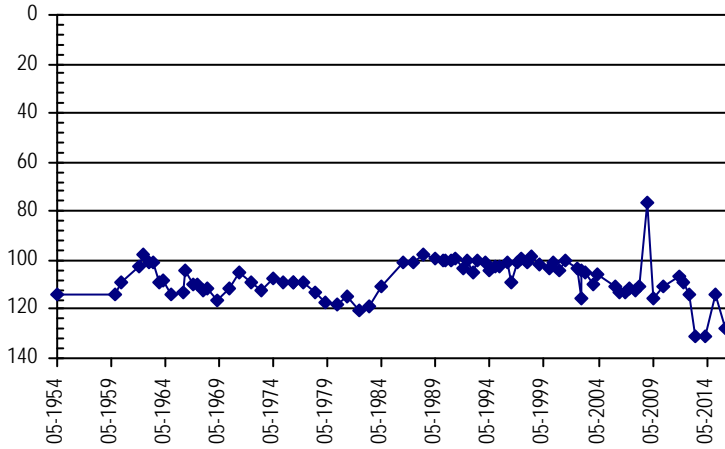
**Division:** 1 **Water District:** 1 **County:** WELD  
**Location:** Q160 Q40 Q10 Section: 34 Township: 1 N Range: 63 W PM: S **Distance from section lines:**  
**From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4429584.0 **Easting (UTM x):** 548374.0 *GPS*  
**Latitude/Longitude (decimal degrees):** 40.015073 -104.433169

**Surface Elevation (ft):** 4965.79 **Top Perforated Interval (ft):** **Base of grout (ft):** **Water Level Change**  
**Well depth (ft):** 163 **Bottom Perforated Interval (ft):** **1 year:** -13.67  
**Aquifer(s):** **5 year:** **10 year:** -14.42

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/29/2016	127.44	4838.35	-13.67

**All Historic Measurements**





## 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    **Twonshp** 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)**    4436142.0    **Easting (UTM x):** 549960.0    *GPS*  
**Latitude/Longitude (decimal degrees):**

**Surface Elevation (ft):** 4824.74    **Top Perforated Interval (ft):**     **Base of grout (ft):**     **Water Level Change**  
**Well depth (ft):** 75     **Bottom Perforated Interval (ft):**     **1 year:** 3.35  
**Aquifer(s):** QUATERNARY ALLUVIUM     **5 year:**     **10 year:** -4.24

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
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
1/29/2016	63.44	4761.30	3.35

**All Historic Measurements**

