Groundwater Levels in the Lost Creek Designated Groundwater Basin

2024

by
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LOST CREEK DESIGNATED GROUNDWATER BASIN WATER LEVEL MEASUREMENTS 2024

This report contains basic data concerning the depth to and elevation of groundwater in the Lost Creek Designated Groundwater Basin collected in late-January/early-February 2024. As in previous reports, the accompanying data tables only list data from the last 10 measurements, 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 the publication. Acquisition and publication of this information is a cooperative effort between the well owners, Lost Creek Ground Water Management District (LCGWMD), 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 Figure 1. Previous work in the basin (Figure 2, Watterson and Topper, 2011) suggests that analysis of groundwater levels by sub-regions is appropriate. Water-level measurements are typically recorded in the winter or early spring of each year. Shorter- and longer-term changes in water levels are described using 1-, 5- and 10-year comparisons. The 2024 water levels produced the following general conclusions:

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

• Depth to water ranges from 3 to 42 feet. Water levels rose substantially between 2023 and 2024, increasing by an average of 1.50 feet. Longer-term comparisons still indicate water level declines of approximately 1.2 feet over 5 years, and 1.0 feet over 10 years.

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

• Depth to water ranges from 17 to 69 feet. Water levels generally declined between 2023 and 2024, decreasing by an average of 0.9 feet; however, water levels in S-3A did rise by over one foot, the only reported water level increase in this sub-region. Longer-term comparisons indicate an approximate decrease of 5.5 feet over 5 years, and a decrease of 6.3 feet over 10 years.

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

Depth to water ranges from 32 to 119 feet. Water levels declined an average of 0.2 feet between 2023 and 2024. Longer-term comparisons indicate a decrease of approximately 4.8 feet over 5 years, but show a water level increase of 1.0 feet over 10 years, driven by a significant increase in SP-31 after a 2014 water level low.

On average, groundwater levels in wells measured by the Division of Water Resources fluctuated more significantly in the Middle and South areas than in the North area. The 5-year comparison showed an average decrease of approximately 4.6 feet. The 10-year comparison showed a more moderate water level decline of approximately 3.1 feet. A water-table elevation map, produced for the 2011 Colorado Geological Survey aquifer recharge and storage study, is included to assist stakeholders in evaluating groundwater-flow directions (Figure 2).

With growing interest in Lost Creek alluvial aquifer as a potential area for aquifer recharge and storage, the LCGWMD, Colorado Geological Survey, U.S. Geological Survey, and cooperators have

been evaluating the existing groundwater reservoir and additional storage opportunities within the basin. Links to the reports and summaries of the projects follow on the next page.

An electronic copy of this report is available on the Division of Water Resources website: https://dwr.colorado.gov/services/well-construction-inspection#groundwater-levels

The direct link to the Lost Creek Publication Area on the CDSS webpage:

https://dwr.state.co.us/Tools/GroundWater/WaterLevels?submitButton=Submit&SelectedGeoValue=waterDivisionDiv&SelectedPublicationAreaName=LOST%20CREEK&SelectedAquiferName=All

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

https://dwr.state.co.us/Tools/GroundWater/WaterLevels

Or the Colorado Decision Support System MapViewer: https://dwr.colorado.gov/services/data-information/gis

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

https://dwr.state.co.us/Portal/dwr/AskDWR?topicNum=31&officeNum=8

Additional references and reports:

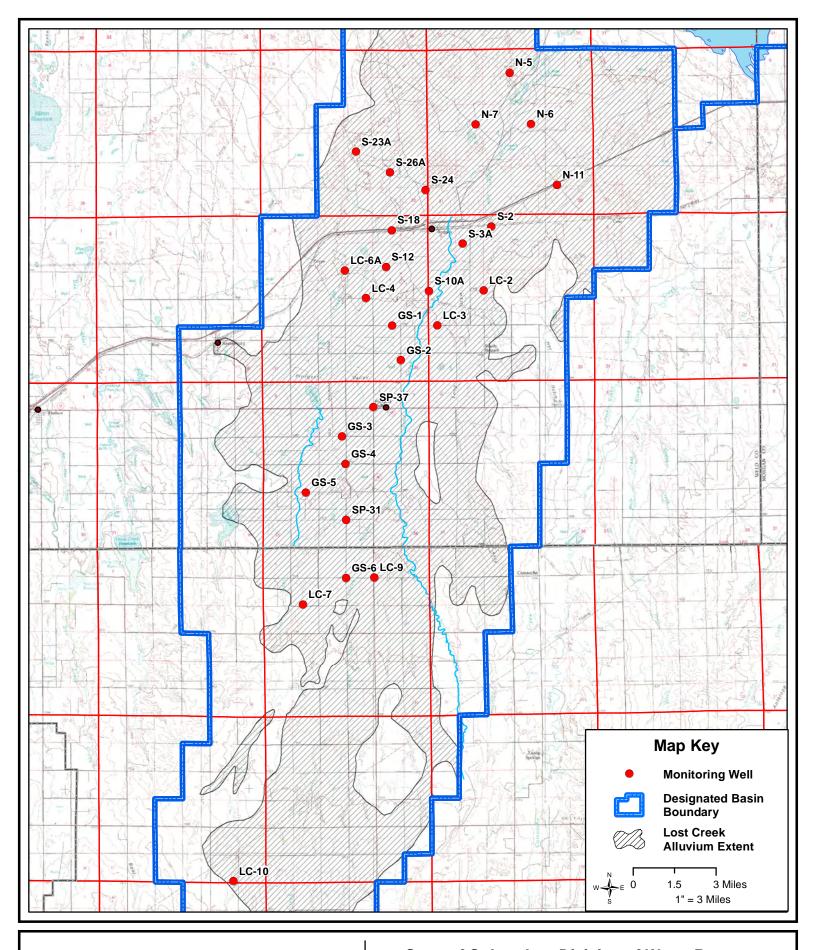
Arnold, L.R., 2010, Hydrogeology and steady-state numerical simulation of groundwater flow in the Lost Creek Designated Ground Water Basin, Weld, Adams, and Arapahoe Counties, Colorado: U.S. Geological Survey Scientific Investigations Report 2010-5082, 79 p. https://pubs.usgs.gov/sir/2010/5082/

Watterson, N. and Topper, R., 2011. Lost Creek Basin Aquifer Recharge and Storage Study, Colorado Geological Survey Open-File Report: OF-11-05.

https://coloradogeologicalsurvey.org/publications/lost-creek-basin-aquifer-recharge-storage/

Leonard Rice Engineers, Inc., 2018. Lost Creek Underground Storage Pilot- 2018 Groundwater Investigation Report., D. Colvin (Principal in Charge). Report prepared for the City of Aurora and the Town of Castle Rock, with funding support from the Colorado Department of Natural Resources (PO # POGG1 PDAA 201700001081).

https://dnrweblink.state.co.us/cwcbsearch/ElectronicFile.aspx?docid=207509&dbid=0





State of Colorado -- Division of Water Resources
Figure 1 - Lost Creek Designated
Basin Monitoring Well Locations



Well Name: GS-1

Permit Number:Location Number:SB00206323DCDWDID:USGS Site ID:400701104240201

Data Source: DWR Applicant/Contact: ROSIE WEICKUM

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
54 S	3720 W	SE	SW	SE	23	2.0 N	63.0 W	S	551052.1	4440894.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4785

Well Depth (ft): 82

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

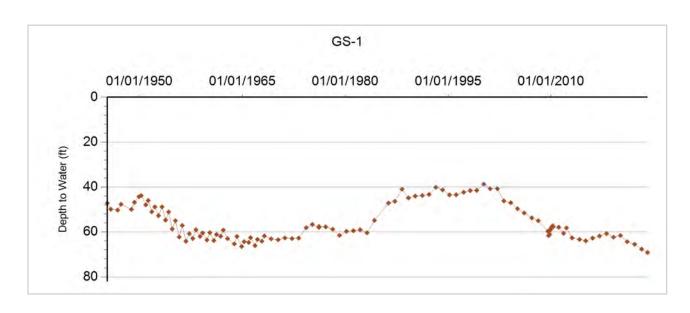
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 05/03/1945 End Date: 01/31/2024

Number of Measurements: 109

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	69.10	4715.63	-1.46
03/23/2023	67.64	4717.09	-2.21
03/14/2022	65.43	4719.30	-1.12
02/10/2021	64.31	4720.42	-2.76
02/20/2020	61.55	4723.18	0.74
02/12/2019	62.29	4722.44	-1.58
02/07/2018	60.71	4724.02	1.08
02/02/2017	61.79	4722.94	0.91
01/28/2016	62.70	4722.03	1.24
01/27/2015	63.94	4720.79	-0.62





Well Name: GS-2

Permit Number:Location Number:SB00206336BCBWDID:USGS Site ID:400554104234001

Data Source: DWR Applicant/Contact:

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
1336 N	62 W	NW	NW	NW	36	2.0 N	63.0 W	S	551561.0	4438872.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4798
Well Depth (ft): 82

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

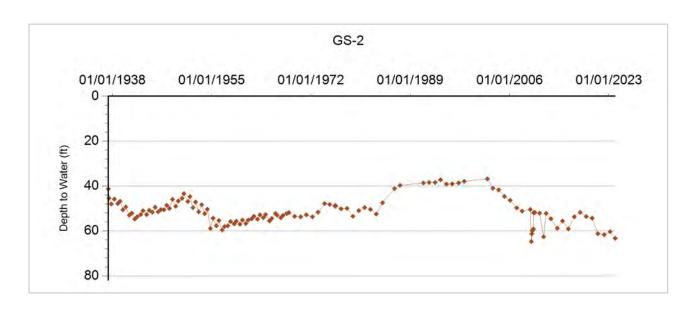
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 04/29/1937 End Date: 01/31/2024

Number of Measurements: 123

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	63.24	4734.49	-2.94
03/21/2023	60.30	4737.43	1.35
03/14/2022	61.65	4736.08	-0.46
02/10/2021	61.19	4736.54	-6.92
02/20/2020	54.27	4743.46	-0.72
02/12/2019	53.55	4744.18	-1.83
02/07/2018	51.72	4746.01	1.92
02/02/2017	53.64	4744.09	5.41
01/28/2016	59.05	4738.68	-3.51
01/27/2015	55.54	4742.19	3.22





Well Name: GS-3

Permit Number: Location Number: SB00106309DDC
WDID: USGS Site ID: 400240104260601

Data Source: DWR Applicant/Contact:

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
68 S	797 E	SW	SE	SE	9	1.0 N	63.0 W	S	548132.1	4434448.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4868
Well Depth (ft): 101

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 12/18/1957 End Date: 01/31/2024

Number of Measurements: 81

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	68.25	4799.51	
03/03/2023			
02/10/2021	59.00	4808.76	-1.05
02/20/2020	57.95	4809.81	0.13
02/12/2019	58.08	4809.68	-2.68
02/07/2018	55.40	4812.36	-0.54
02/03/2017	54.86	4812.90	2.50
01/29/2016	57.36	4810.40	2.48
01/28/2015	59.84	4807.92	1.96
03/04/2014	61.80	4805.96	-3.25





Well Name: GS-4

Permit Number: 6693-R

WDID:

Data Source: DWR

Location Number: SB00106316DDD

USGS Site ID: 400240104255901

Applicant/Contact: JOSEPH SCHRANT

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
48 S	151 E	SE	SE	SE	16	1.0 N	63.0 W	S	548323.1	4432842.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4903 Well Depth (ft): 150

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

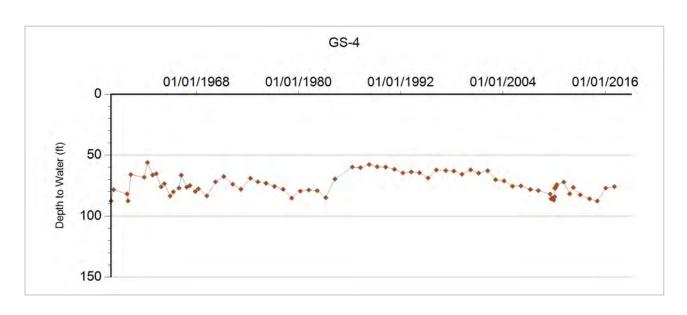
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 12/18/1957 End Date: 02/12/2019

Number of Measurements: 80

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019			
02/07/2018			
02/03/2017	75.80	4826.96	1.23
01/29/2016	77.03	4825.73	10.65
01/28/2015	87.68	4815.08	-1.88
03/04/2014	85.80	4816.96	-3.23
01/28/2013	82.57	4820.19	-6.04
04/05/2012	76.53	4826.23	5.18
11/01/2011	81.71	4821.05	-9.63
02/22/2011	72.08	4830.68	2.13





Well Name: GS-5

Permit Number:Location Number:SB00106329ABBWDID:USGS Site ID:400146104273501

Data Source: DWR Applicant/Contact: H.H. WARREN

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
47 N	2779 W	NW	NW	NE	29	1.0 N	63.0 W	S	546027.1	4431174.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4917 Well Depth (ft): 100

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 11/05/1959 End Date: 01/31/2024

Number of Measurements: 79

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	44.41	4872.37	0.10
03/21/2023	44.51	4872.27	4.93
03/14/2022	49.44	4867.34	-2.36
02/10/2021	47.08	4869.70	-0.49
02/20/2020	46.59	4870.19	-5.27
02/21/2019	41.32	4875.46	-0.88
02/07/2018	40.44	4876.34	0.10
02/03/2017	40.54	4876.24	5.02
01/29/2016	45.56	4871.22	-2.84
01/28/2015	42.72	4874.06	4.80





Well Name: GS-6

Permit Number: 14856-R

WDID:

USGS Site ID: 395904104252901 **Data Source: DWR** Applicant/Contact: JOHN KILPATRICK

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
85 N	86 W	NW	NW	NW	10	1.0 S	63.0 W	S	548372.0	4426200.9	GPS

Division: 1 District: 1

ADAMS County:

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 5009 Well Depth (ft): 180

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 10/14/1959 End Date: 01/28/2015

Number of Measurements: 79

Ten Most Recent Readings

Location Number: SC00106310BBB

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/28/2015			
03/04/2014			
01/28/2013	119.60	4889.20	-1.25
04/05/2012	118.35	4890.45	0.55
11/17/2011	118.90	4889.90	-0.37
02/22/2011	118.53	4890.27	0.11
04/28/2010	118.64	4890.16	7.32
03/31/2010	125.96	4882.84	6.51
02/26/2010	132.47	4876.33	-13.51
02/10/2010	118.96	4889.84	19.99





Well Name: LC-2

Permit Number: Location Number: SB00206216CB

WDID: USGS Site ID:

Data Source: DWR Applicant/Contact: SHELTON LAND & CATTLE

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3927 N	42 W		NW	SW	16	2.0 N	62.0 W	S	556378.0	4442944.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4729
Well Depth (ft): 34

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 08/26/2009 End Date: 01/31/2024

Number of Measurements: 24

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	20.27	4708.73	
03/05/2023			
03/14/2022	20.50	4708.50	-0.91
02/23/2021	19.59	4709.41	-0.59
01/24/2020	19.00	4710.00	-0.77
02/12/2019	18.23	4710.77	-1.16
02/07/2018	17.07	4711.93	-1.41
02/02/2017	15.66	4713.34	0.14
03/11/2016	15.80	4713.20	
01/28/2016			





Well Name: LC-3 Permit Number: 31650-

WDID: **USGS Site ID:**

Data Source: DWR Applicant/Contact: SHOENEMAN 5M RANCH

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
24 S	3582 E		SE	SW	19	2.0 N	62.0 W	S	553674.0	4440905.0	GPS

Division: 1 District: 1

WELD County:

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4759 Well Depth (ft): 86

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 08/26/2009 End Date: 01/31/2024

Number of Measurements: 23

Ten Most Recent Readings

Location Number: SB00206219CD

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	63.46	4695.54	-0.06
03/05/2023	63.40	4695.60	
03/14/2022			
02/23/2021	61.69	4697.31	-4.01
01/24/2020	57.68	4701.32	-0.62
02/12/2019	57.06	4701.94	-1.66
02/07/2018	55.40	4703.60	-0.15
02/02/2017	55.25	4703.75	0.59
01/28/2016	55.84	4703.16	-0.06
01/27/2015	55.78	4703.22	





DWR

Well Name: LC-4

Permit Number: 31656-FP Location Number: SB00206315DD

WDID:

Applicant/Contact: ALBERT AND LEAH ENGLEHARDT

Physical Location

Data Source:

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
39 S	1263 E		SE	SE	15	2.0 N	63.0 W	S	549533.0	4442491.0	GPS

USGS Site ID:

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4762
Well Depth (ft): 82

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

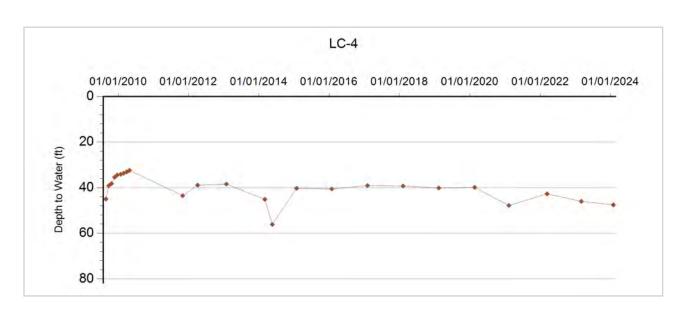
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 08/26/2009 End Date: 01/31/2024

Number of Measurements: 24

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	47.57	4714.43	-1.57
03/04/2023	46.00	4716.00	-3.27
03/14/2022	42.73	4719.27	5.08
02/10/2021	47.81	4714.19	-7.93
02/20/2020	39.88	4722.12	0.28
02/12/2019	40.16	4721.84	-0.87
02/07/2018	39.29	4722.71	-0.20
02/02/2017	39.09	4722.91	1.52
01/28/2016	40.61	4721.39	-0.32
01/28/2015	40.29	4721.71	15.82





Well Name: LC-6A

Permit Number: Location Number: SB00206309DD

WDID: USGS Site ID:
Data Source: DWR Applicant/Contact:

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
72 S	52 E		SE	SE	9	2.0 N	63.0 W	S	548286.0	4444097.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4750

Well Depth (ft):

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

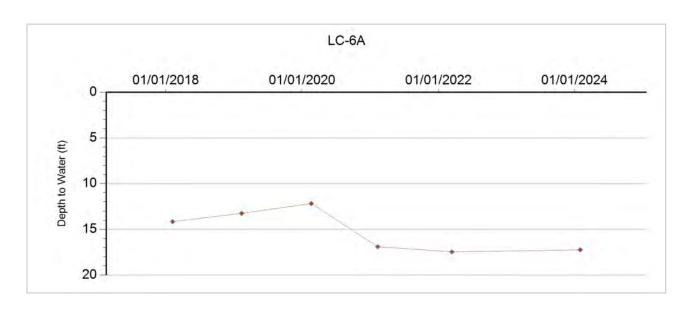
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 02/07/2018 End Date: 01/31/2024

Number of Measurements: 6

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	17.24	4732.76	0.22
03/14/2022	17.46	4732.54	-0.56
02/10/2021	16.90	4733.10	-4.73
02/20/2020	12.17	4737.83	1.08
02/12/2019	13.25	4736.75	0.90
02/07/2018	14.15	4735.85	





Well Name: LC-7

Permit Number: Location Number: SC00106308CD

WDID: USGS Site ID:

Data Source: DWR Applicant/Contact: JOHN SAUTER

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
245 S	2976 E		SE	SW	8	1.0 S	63.0 W	S	545855.0	4424655.0	GPS

Division: 1 District: 1

County: ADAMS

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 5042
Well Depth (ft): 103

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

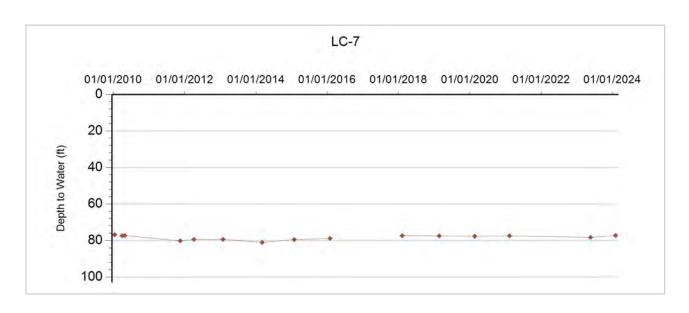
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 01/14/2010 End Date: 02/02/2024

Number of Measurements: 17

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/02/2024	77.27	4964.73	1.01
05/21/2023	78.28	4963.72	-0.82
02/10/2021	77.46	4964.54	0.24
02/20/2020	77.70	4964.30	-0.23
02/21/2019	77.47	4964.53	-0.11
02/07/2018	77.36	4964.64	
02/03/2017			
01/29/2016	78.89	4963.11	0.59
01/28/2015	79.48	4962.52	1.60
03/05/2014	81.08	4960.92	-1.73





Well Name: LC-9

Permit Number: 14861-RFP Location Number: SC00106302CC

WDID:

USGS Site ID: Data Source: **DWR**

Applicant/Contact: SOUTH ADAMS COUNTY WATER &

SANITATION DISTRICT

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
29 S	95 W		SW	SW	2	1.0 S	63.0 W	S	550006.3	4426237.0	GPS

Division: 1 District: 1

County: **ADAMS LOST CREEK** Designated Basin:

Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 5011 Well Depth (ft): 184 Depth to Base of Grout (ft): 10 Depth to Top of Perforated Casing (ft): 120 Depth to Bottom of Perforated Casing (ft): 184 Source Aquifer(s):

Well Measurement Summary

Start Date: 01/28/2015 End Date: 01/31/2024

Number of Measurements: 10

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	110.60	4900.40	-0.05
03/02/2023	110.55	4900.45	-0.05
02/08/2022	110.50	4900.50	6.75
02/10/2021	117.25	4893.75	-5.66
02/20/2020	111.59	4899.41	2.61
02/21/2019	114.20	4896.80	-1.39
02/07/2018	112.81	4898.19	-0.51
02/03/2017	112.30	4898.70	9.27
01/29/2016	121.57	4889.43	-2.84
01/28/2015	118.73	4892.27	





Well Name: LC-10 Permit Number: 249309-

WDID:

USGS

Location Number: SC00206435DDC

USGS Site ID:

394933104304101

Applicant/Contact:

Physical Location

Data Source:

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
260 S	986 E	SW	SE	SE	35	2.0 S	64.0 W	S	541804.0	4408550.1	GPS

Division: 1

County:

District: 1

Designated Basin:

ADAMS

Management District: LOST CREEK

LOST CREEK

Construction Information

Surface Elevation (ft):

5354

Well Depth (ft):

44

33

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft):

Depth to Bottom of Perforated Casing (ft): 43

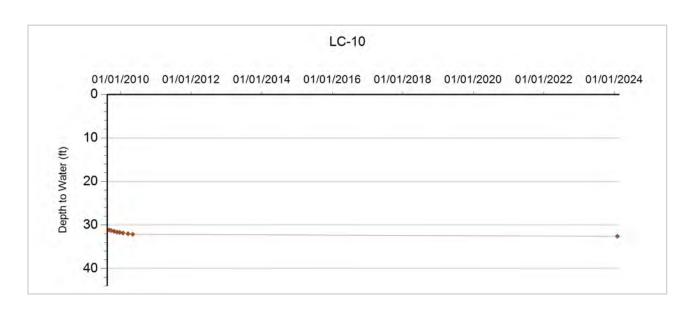
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 09/03/2009 End Date: 02/02/2024

Number of Measurements: 10

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/02/2024	32.59	5321.36	-0.46
05/05/2010	32.13	5321.82	-0.14
03/17/2010	31.99	5321.96	
02/25/2010			
01/25/2010	31.83	5322.12	-0.15
12/21/2009	31.68	5322.27	-0.05
11/24/2009	31.63	5322.32	-0.19
10/24/2009	31.44	5322.51	-0.17
09/24/2009	31.27	5322.68	-0.11
09/03/2009	31.16	5322.79	





Well Name: N-5

Permit Number: SB00306203CCC

WDID: USGS Site ID:

Data Source: DWR Applicant/Contact: ROSS SEYFRIED

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
742 S	14 E	SW	SE	SE	4	3.0 N	62.0 W	S	557885.3	4455609.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK

Management District:

Construction Information

Surface Elevation (ft): 4592

Well Depth (ft):

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft):

Depth to Bottom of Perforated Casing (ft):

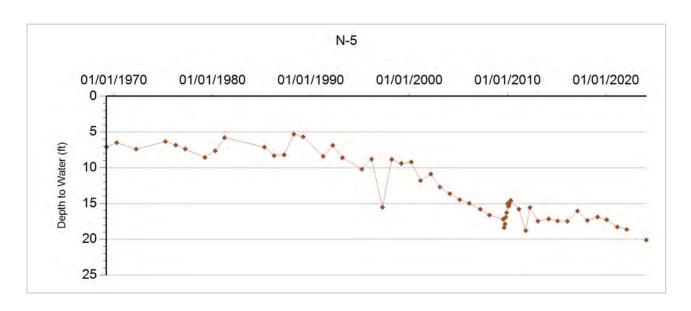
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 04/03/1969 End Date: 02/02/2024

Number of Measurements: 57

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/02/2024	20.10	4571.90	
03/05/2023			
02/08/2022	18.63	4573.37	-0.36
02/19/2021	18.27	4573.73	-1.01
01/24/2020	17.26	4574.74	-0.38
02/21/2019	16.88	4575.12	0.48
02/07/2018	17.36	4574.64	-1.32
02/02/2017	16.04	4575.96	1.44
01/29/2016	17.48	4574.52	-0.05
01/27/2015	17.43	4574.57	-0.27





Well Name: N-6

Permit Number: 12174-F Location Number: SB00306214BAC

WDID:

USGS Site ID:

Data Source: DWR Applicant/Contact: PREMIER CORP

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3806 N	1313 E	SW	NE	SE	15	3.0 N	62.0 W	S	559127.2	4452631.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK

Management District:

Construction Information

Surface Elevation (ft): 4612
Well Depth (ft): 87

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

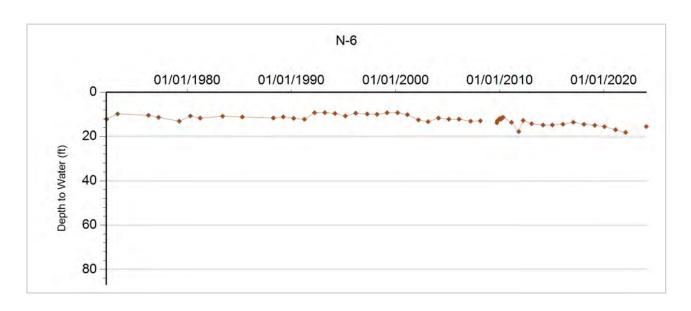
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 04/03/1972 End Date: 02/02/2024

Number of Measurements: 56

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/02/2024	15.51	4596.49	
03/05/2023			
02/08/2022	18.17	4593.83	-1.18
02/19/2021	16.99	4595.01	-1.44
01/24/2020	15.55	4596.45	-0.58
02/21/2019	14.97	4597.03	-0.46
02/07/2018	14.51	4597.49	-0.94
02/02/2017	13.57	4598.43	0.91
01/29/2016	14.48	4597.52	0.34
01/27/2015	14.82	4597.18	0.02





DWR

Well Name: N-7

Permit Number: 12225-F Location Number: SB00306227DAD

WDID:

USGS Site ID:
Applicant/Contact: CERVI RANCHES

Physical Location

Data Source:

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3811 N	1302 E	SE	NE	SE	17	3.0 N	62.0 W	S	555915.0	4452605.6	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK

Management District:

Construction Information

Surface Elevation (ft): 4646
Well Depth (ft): 109

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

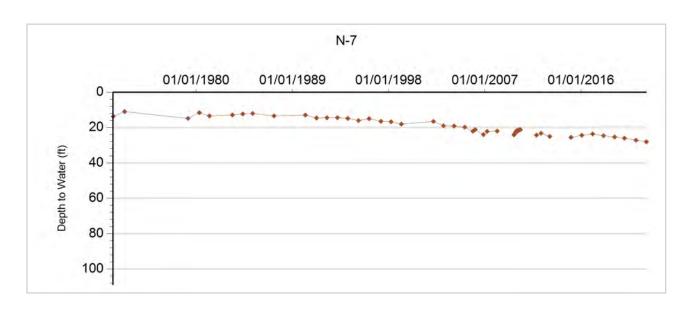
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 04/03/1972 End Date: 02/08/2022

Number of Measurements: 52

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/08/2022	28.05	4618.43	-0.87
02/19/2021	27.18	4619.30	-1.14
01/24/2020	26.04	4620.44	-0.68
02/21/2019	25.36	4621.12	-0.75
02/07/2018	24.61	4621.87	-0.98
02/02/2017	23.63	4622.85	0.77
01/29/2016	24.40	4622.08	1.15
01/27/2015	25.55	4620.93	
03/04/2014			
01/28/2013	25.03	4621.45	-1.76





Well Name: N-11

Permit Number: SB00306226DCD

WDID: USGS Site ID:

Data Source: DWR Applicant/Contact: COLORADO DEPARTMENT OF

TRANSPORTATION

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
307 S	3500 W	SE	SW	SE	26	3.0 N	62.0 W	S	560640.6	4449081.8	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK

Management District:

Construction Information

Surface Elevation (ft): 4722
Well Depth (ft): 59

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

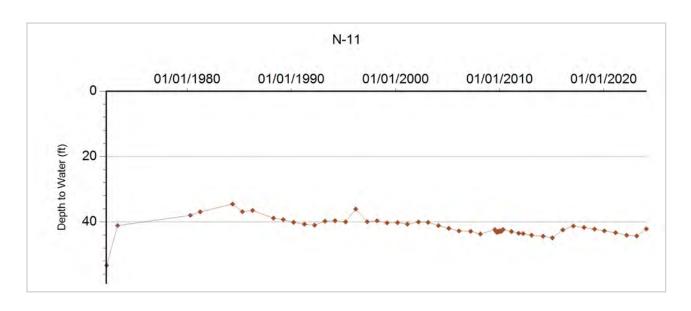
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 04/03/1972 End Date: 02/02/2024

Number of Measurements: 54

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/02/2024	42.16	4679.89	2.14
03/05/2023	44.30	4677.75	-0.22
03/14/2022	44.08	4677.97	-0.78
02/19/2021	43.30	4678.75	-0.55
01/24/2020	42.75	4679.30	-0.53
02/12/2019	42.22	4679.83	-0.52
02/07/2018	41.70	4680.35	-0.43
02/02/2017	41.27	4680.78	1.19
01/28/2016	42.46	4679.59	2.40
01/27/2015	44.86	4677.19	-0.46





Well Name: S-2

Permit Number: Location Number: SB00206204BDD

WDID: USGS Site ID:

Data Source: DWR Applicant/Contact: WILLIAM KLEIN

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2937 S	3708 E	SE	SE	NW	4	2.0 N	62.0 W	S	556833.2	4446651.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4695

Well Depth (ft): 36

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 10/24/1968 End Date: 02/02/2024

Number of Measurements: 62

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/02/2024	34.36	4660.64	
03/14/2022			
02/19/2021	33.94	4661.06	-1.19
01/24/2020	32.75	4662.25	-0.04
02/12/2019	32.71	4662.29	-0.60
02/07/2018	32.11	4662.89	-0.89
02/02/2017	31.22	4663.78	1.56
01/28/2016	32.78	4662.22	1.65
01/27/2015	34.43	4660.57	-0.84
03/04/2014	33.59	4661.41	0.01





Well Name: S-3A

Permit Number: 9523-F

WDID:

Data Source: DWR Location Number: SB00206208BAB

USGS Site ID:

Applicant/Contact: SHELTON LAND & CATTLE

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
271 N	3908 E	NW	NE	NW	8	2.0 N	62.0 W	S	555156.0	4445660.0	GPS

Division: 1 District: 1

WELD County:

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4710 Well Depth (ft): 96

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): 55 Depth to Bottom of Perforated Casing (ft): 95

Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 09/24/2009 End Date: 01/31/2024

Number of Measurements: 21

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	53.49	4656.51	1.16
03/03/2023	54.65	4655.35	-8.39
02/19/2021	46.26	4663.74	-3.22
01/24/2020	43.04	4666.96	
02/12/2019			
02/07/2018	40.08	4669.92	-2.88
02/02/2017	37.20	4672.80	0.77
01/28/2016	37.97	4672.03	8.27
01/27/2015	46.24	4663.76	-8.77
03/04/2014	37.47	4672.53	1.50





Well Name: S-10A

Permit Number: Location Number: SB00206218CBC

WDID: USGS Site ID:
Data Source: DWR Applicant/Contact:

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3923 N	152 W	SW	NW	SW	18	2.0 N	62.0 W	S	553185.3	4442909.4	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4745 Well Depth (ft): 90

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

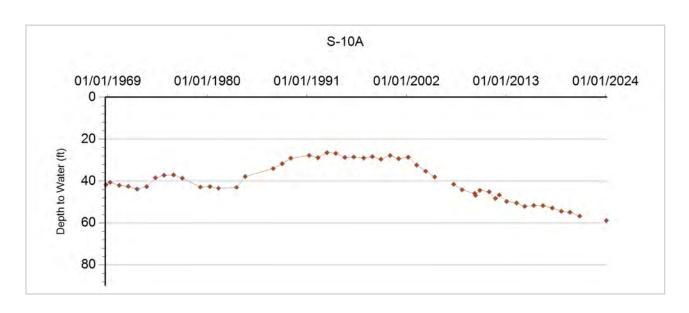
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 10/24/1968 End Date: 01/31/2024

Number of Measurements: 53

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	58.82	4686.18	
03/14/2022			
02/23/2021	56.68	4688.32	-1.86
01/24/2020	54.82	4690.18	-0.44
02/12/2019	54.38	4690.62	-1.57
02/07/2018	52.81	4692.19	-1.12
02/02/2017	51.69	4693.31	-0.08
01/28/2016	51.61	4693.39	0.43
01/27/2015	52.04	4692.96	-1.59
03/04/2014	50.45	4694.55	-0.77





Well Name: S-12 Permit Number: 10477-F

Permit Number: 104//-F

WDID:

Data Source: DWR

Location Number: SB00206311CDD

USGS Site ID:

Applicant/Contact: PHILLIP CAMEISCH

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
739 S	2719 E	SE	SE	SW	11	2.0 N	63.0 W	S	550697.2	4444309.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4741
Well Depth (ft): 90

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

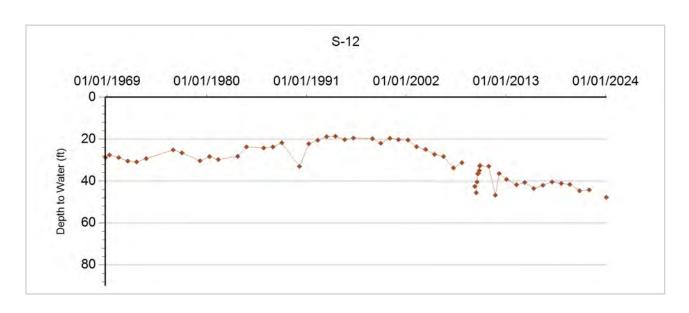
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 10/24/1968 End Date: 02/02/2024

Number of Measurements: 59

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/02/2024	47.74	4693.26	
03/03/2023			
03/14/2022	44.15	4696.85	0.45
02/19/2021	44.60	4696.40	-3.00
01/24/2020	41.60	4699.40	-0.52
02/12/2019	41.08	4699.92	-0.71
02/07/2018	40.37	4700.63	1.60
02/02/2017	41.97	4699.03	1.55
01/28/2016	43.52	4697.48	-2.89
01/27/2015	40.63	4700.37	1.11





Well Name: S-18

Permit Number: Location Number: SB00206302DBA

WDID: USGS Site ID:

Data Source: DWR Applicant/Contact: COLORADO DEPARTMENT OF

TRANSPORTATION

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2804 N	3740 W	NE	NW	SE	2	2.0 N	63.0 W	S	551027.6	4446449.3	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK
Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4737

Well Depth (ft):

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 10/24/1968 End Date: 02/02/2024

Number of Measurements: 64

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/02/2024	55.04	4682.38	-0.30
03/03/2023	54.74	4682.68	-2.82
03/14/2022	51.92	4685.50	-0.58
02/19/2021	51.34	4686.08	-1.53
01/24/2020	49.81	4687.61	-0.86
02/12/2019	48.95	4688.47	-1.11
02/07/2018	47.84	4689.58	-1.94
02/02/2017	45.90	4691.52	0.99
01/28/2016	46.89	4690.53	0.44
01/27/2015	47.33	4690.09	-2.08





Well Name: S-23A

Permit Number: Location Number: SB00306322CAD

WDID: USGS Site ID:

Data Source: DWR Applicant/Contact: CERVI RANCH

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3619 N	2945 E	SE	NE	SW	22	3.0 N	63.0 W	S	548944.2	4451023.1	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK

Management District:

Construction Information

Surface Elevation (ft): 4747

Well Depth (ft):

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft):

Depth to Bottom of Perforated Casing (ft):

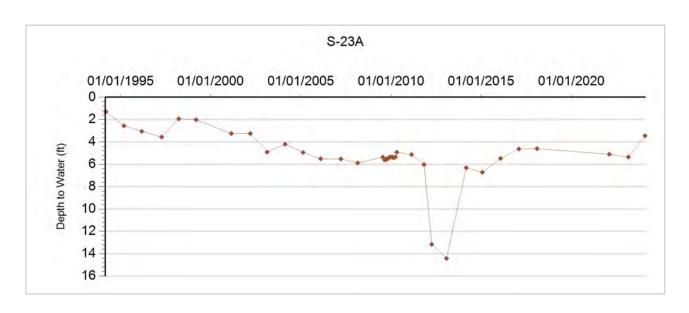
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 03/11/1994 End Date: 02/02/2024

Number of Measurements: 37

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/02/2024	3.45	4743.55	1.90
03/03/2023	5.35	4741.65	-0.25
02/08/2022	5.10	4741.90	-0.50
02/07/2018	4.60	4742.40	0.03
02/02/2017	4.63	4742.37	0.85
01/28/2016	5.48	4741.52	1.23
01/27/2015	6.71	4740.29	-0.40
03/04/2014	6.31	4740.69	8.11
01/28/2013	14.42	4732.58	-1.26
04/05/2012	13.16	4733.84	-7.14





Well Name: S-24

Permit Number: Location Number: SB00306325DDD

WDID: USGS Site ID:

Data Source: DWR Applicant/Contact: CERVI RANCHES

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
388 N	409 E	SE	NE	NE	36	3.0 N	63.0 W	S	552991.2	4448793.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK

Management District:

Construction Information

Surface Elevation (ft): 4692

Well Depth (ft):

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft):

Depth to Bottom of Perforated Casing (ft):

Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 04/03/1972 End Date: 02/02/2024

Number of Measurements: 50

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/02/2024	33.66	4658.34	0.94
03/03/2023	34.60	4657.40	-2.03
02/08/2022	32.57	4659.43	-4.53
02/07/2018	28.04	4663.96	-1.47
02/02/2017	26.57	4665.43	0.84
01/28/2016	27.41	4664.59	1.13
01/27/2015	28.54	4663.46	-1.14
03/04/2014	27.40	4664.60	0.36
01/28/2013	27.76	4664.24	-4.45
04/05/2012	23.31	4668.69	3.82





Well Name: S-26A

Permit Number: SB00306326ACA

WDID: USGS Site ID:

Data Source: DWR Applicant/Contact: CERVI RANCHES

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3013 S	3529 W	NE	SW	NE	26	3.0 N	63.0 W	S	550930.2	4449820.1	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK

Management District:

Construction Information

Surface Elevation (ft): 4710

Well Depth (ft):

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

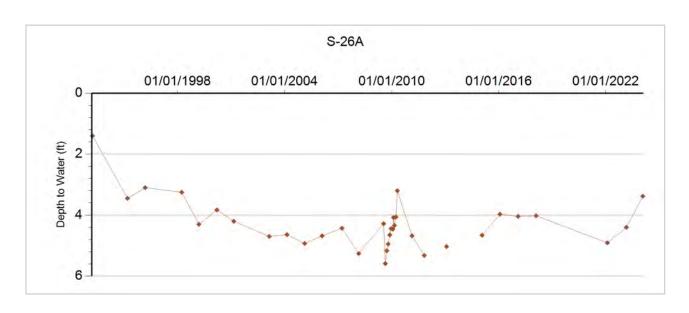
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 03/23/1993 End Date: 02/02/2024

Number of Measurements: 36

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/02/2024	3.38	4706.62	1.02
03/03/2023	4.40	4705.60	0.51
02/08/2022	4.91	4705.09	-0.89
02/07/2018	4.02	4705.98	0.02
02/02/2017	4.04	4705.96	-0.07
01/28/2016	3.97	4706.03	0.69
01/27/2015	4.66	4705.34	
03/04/2014			
01/28/2013	5.03	4704.97	
04/05/2012			





Well Name: SP-31

 Permit Number:
 14860-RFP
 Location Number:
 SB00106334BBB

 WDID:
 USGS Site ID:
 400054104255601

Data Source: DWR Applicant/Contact: BLOOD,C.

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
56 N	33 W	NW	NW	NW	34	1.0 N	63.0 W	S	548374.0	4429584.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4966
Well Depth (ft): 163

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

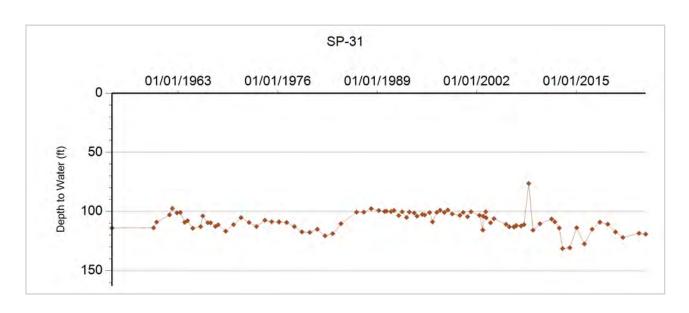
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 05/07/1954 End Date: 01/31/2024

Number of Measurements: 91

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	119.15	4846.64	-0.69
03/21/2023	118.46	4847.33	3.59
02/10/2021	122.05	4843.74	-4.70
02/20/2020	117.35	4848.44	-6.58
02/21/2019	110.77	4855.02	-1.73
02/07/2018	109.04	4856.75	5.95
02/03/2017	114.99	4850.80	12.45
01/29/2016	127.44	4838.35	-13.67
01/28/2015	113.77	4852.02	16.95
03/05/2014	130.72	4835.07	0.66





Well Name: SP-37

Permit Number:Location Number:SB00106302CCCWDID:USGS Site ID:400427104244801

Data Source: DWR Applicant/Contact: U.S.G.S. OBS. WELL

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
295 S	48 W	SW	SW	SW	2	1.0 N	63.0 W	S	549960.0	4436142.0	GPS

Division: 1 District: 1

County: WELD

Designated Basin: LOST CREEK Management District: LOST CREEK

Construction Information

Surface Elevation (ft): 4825 Well Depth (ft): 75

Depth to Base of Grout (ft):

Depth to Top of Perforated Casing (ft): Depth to Bottom of Perforated Casing (ft):

Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 03/29/1962 End Date: 01/31/2024

Number of Measurements: 73

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/31/2024	75.50	4749.24	-1.55
03/21/2023	73.95	4750.79	-8.23
02/10/2021	65.72	4759.02	-2.73
02/20/2020	62.99	4761.75	1.44
02/12/2019	64.43	4760.31	-3.86
02/07/2018	60.57	4764.17	0.80
02/03/2017	61.37	4763.37	2.07
01/29/2016	63.44	4761.30	3.35
01/28/2015	66.79	4757.95	1.44
03/05/2014	68.23	4756.51	-9.03

