

Groundwater Levels in the Lost Creek Designated Groundwater Basin

2019

by

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Hydrogeology Section

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COLORADO

Division of Water Resources

Department of Natural Resources

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LOST CREEK DESIGNATED GROUNDWATER BASIN WATER LEVEL MEASUREMENTS 2019

This report contains basic data concerning the depth to and elevation of groundwater in the Lost Creek Designated Basin collected in mid-February 2019. 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 the following map. Previous work in the basin (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- and 5-year comparisons. In 2009, water levels in the area were collected in the summer and fall, and comparisons may reflect seasonal variations, rather than longer-term trends, therefore 10-year comparisons were not calculated. The 2019 water levels produced the following general conclusions:

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

- Depth to water generally ranges from 15 to 42 feet. Water levels were relatively stable between 2018 and 2019, decreasing by approximately 0.25 feet. Longer-term comparisons indicate an increase of approximately 0.75 feet over 5 years.

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

- Depth to water generally ranges from 13 to 64 feet. Water levels generally decreased between 2018 and 2019, with an average decrease of 1.25 feet. Longer-term comparisons indicate an approximate increase of 0.75 feet over 5 years.

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

- Depth to water generally ranges from 41 to 114 feet. Water levels decreased an average of 1.25 feet between 2018 and 2019. Longer-term comparisons indicate an increase of approximately 8.25 feet over 5 years.

On average, groundwater levels in wells measured by the Division of Water Resources were relatively stable compared to 2018, with decreases in the Middle and South areas. The medium term, 5-year comparison, showed an average increase of approximately 3 feet. A water-table elevation map, produced for the 2011 CGS aquifer recharge and storage study, is included to assist stakeholders in evaluating groundwater-flow directions.

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.

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>.

The direct link to the Lost Creek Publication Area on the CDSS webpage: <http://dnrweb.state.co.us/cdss/GroundWater/WaterLevels/Search?submitButton=Submit&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: <http://dnrweb.state.co.us/cdss/GroundWater/GroundWaterSearch>

or the Colorado Decision Support System MapViewer <http://water.state.co.us/DataMaps/GISandMaps/MapView/MapViewer/Pages/FAQ.aspx>

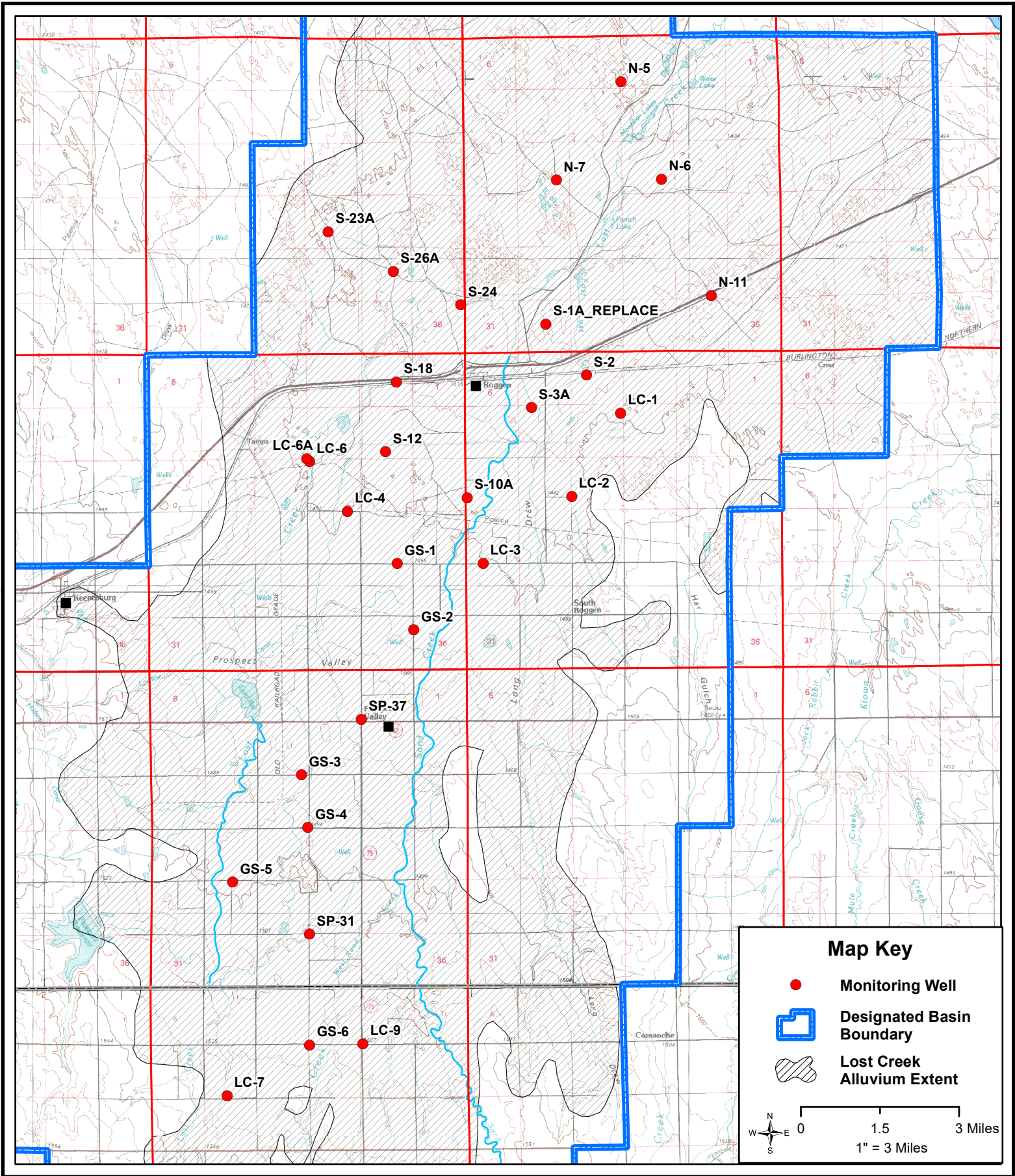
Additional references and reports:

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. <http://coloradogeologicalsurvey.org/wp-content/uploads/2013/08/Lost-Creek-Basin-Aquifer-Recharge-and-Storage-Study-Report-reduced.pdf>

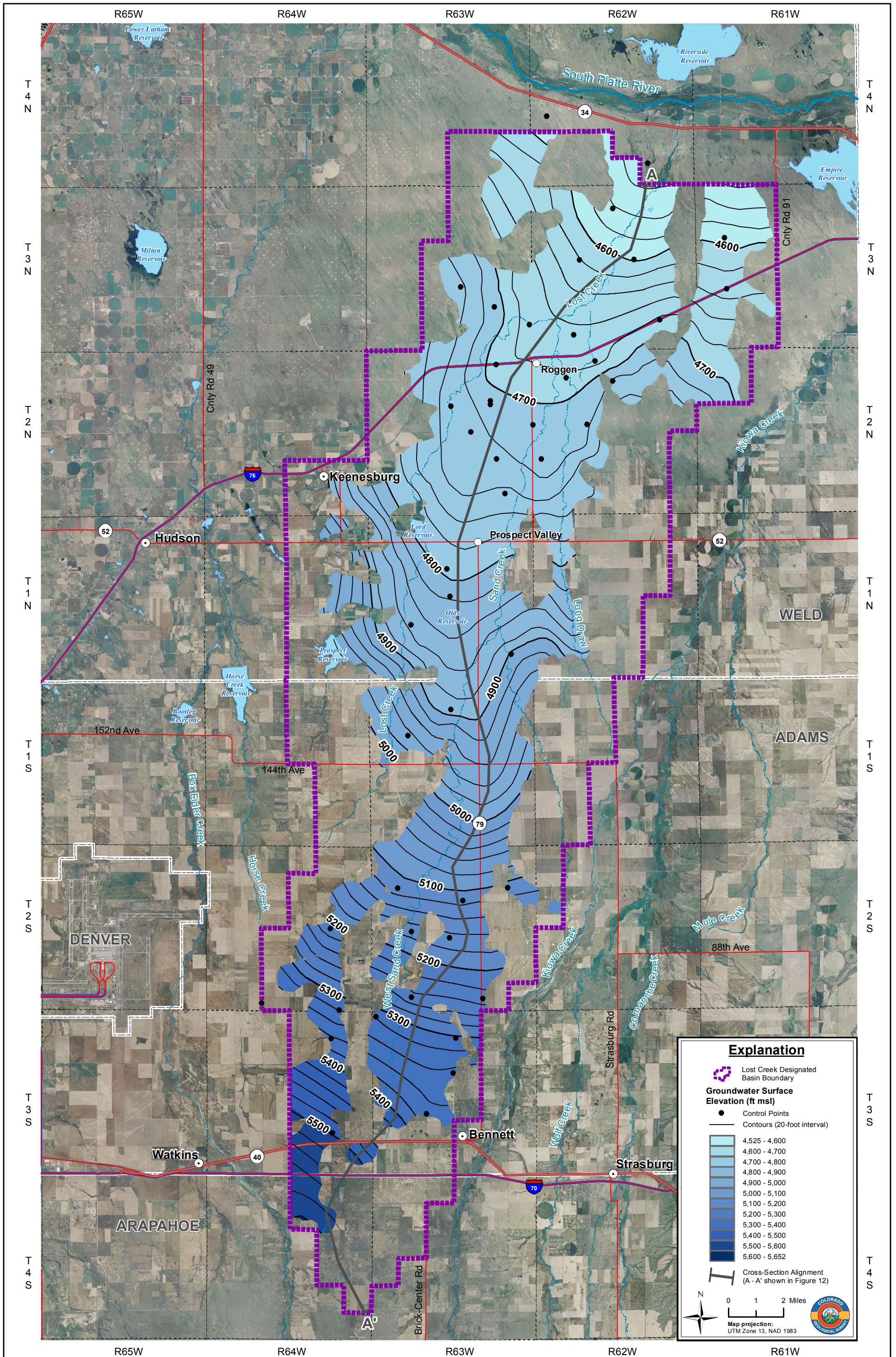
Leonard Rice Engineers, Inc., 2018. Lost Creek Underground Storage Pilot- 2018 Groundwater Investigation Report., D. Colvin (Principal in Charge). Report prepared for the City of Aurora and the Town of Castle Rock, with funding support from the Colorado Department of Natural Resources (PO # POGG1 PDAA 201700001081). <https://dnrweblink.state.co.us/cwcbsearch/ElectronicFile.aspx?docid=207509&dbid=0>

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 or through AskDWR, http://www.dwr.state.co.us/OnlineTools/AskDWR.aspx?topic_num=31&office_num=8



COLORADO
 Division of Water Resources
 Department of Natural Resources

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



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

Figure 11



GROUNDWATER DETAILS

Well Name: GS-1
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00206323DCD
USGS Site ID: 400701104240201
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

Ten Most Recent Readings

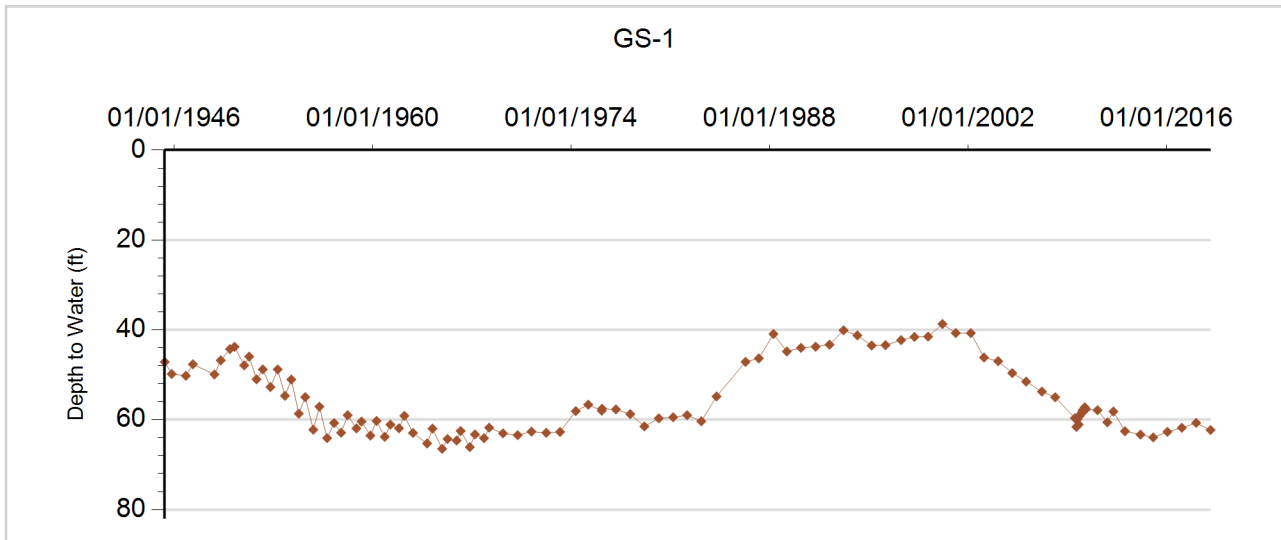
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	62.29	4722.44	-1.58
02/07/2018	60.71	4724.02	1.08
02/02/2017	61.79	4722.94	0.91
01/28/2016	62.70	4722.03	1.24
01/27/2015	63.94	4720.79	-0.62
03/04/2014	63.32	4721.41	-0.75
01/28/2013	62.57	4722.16	-4.39
04/05/2012	58.18	4726.55	2.40
11/01/2011	60.58	4724.15	-2.70
02/22/2011	57.88	4726.85	-0.23

Construction Information

Surface Elevation (ft): 4784.73
 Well Depth (ft): 82.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 05/03/1945 End Date: 02/12/2019
 Number of Measurements: 104





GROUNDWATER DETAILS

Well Name: GS-2
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00206336BCB
USGS Site ID: 400554104234001
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

Ten Most Recent Readings

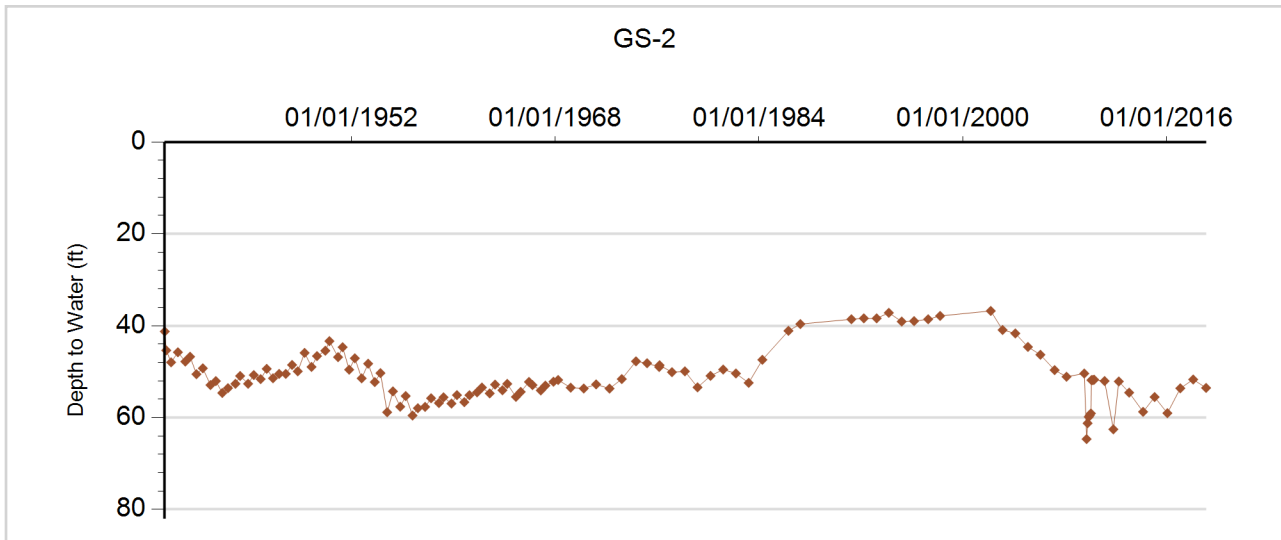
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	53.55	4744.18	-1.83
02/07/2018	51.72	4746.01	1.92
02/02/2017	53.64	4744.09	5.41
01/28/2016	59.05	4738.68	-3.51
01/27/2015	55.54	4742.19	3.22
03/04/2014	58.76	4738.97	-4.18
01/28/2013	54.58	4743.15	-2.43
04/05/2012	52.15	4745.58	10.42
11/01/2011	62.57	4735.16	-10.52
02/22/2011	52.05	4745.68	-0.29

Construction Information

Surface Elevation (ft): 4797.73
 Well Depth (ft): 82.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 04/29/1937 End Date: 02/12/2019
 Number of Measurements: 118





GROUNDWATER DETAILS

Well Name: GS-3
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00106309DDC
USGS Site ID: 400240104260601
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

Ten Most Recent Readings

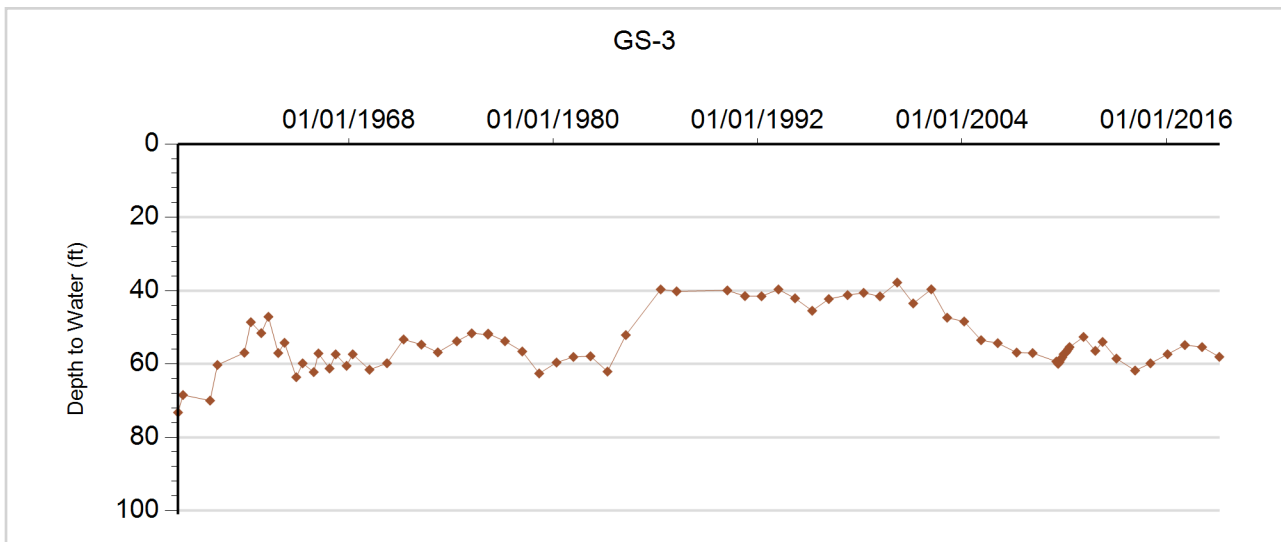
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	58.08	4809.68	-2.68
02/07/2018	55.40	4812.36	-0.54
02/03/2017	54.86	4812.90	2.50
01/29/2016	57.36	4810.40	2.48
01/28/2015	59.84	4807.92	1.96
03/04/2014	61.80	4805.96	-3.25
01/28/2013	58.55	4809.21	-4.55
04/05/2012	54.00	4813.76	2.43
11/01/2011	56.43	4811.33	-3.79
02/22/2011	52.64	4815.12	2.76

Construction Information

Surface Elevation (ft): 4867.76
 Well Depth (ft): 101.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 12/18/1957 End Date: 02/12/2019
 Number of Measurements: 77





GROUNDWATER DETAILS

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

Ten Most Recent Readings

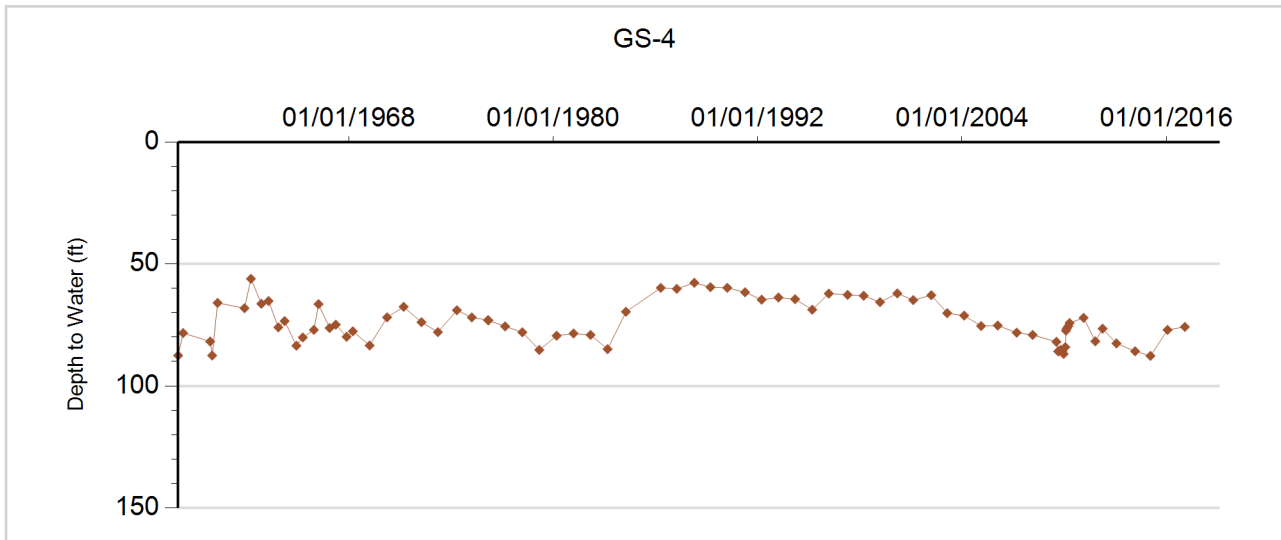
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019			
02/07/2018			
02/03/2017	75.80	4826.96	1.23
01/29/2016	77.03	4825.73	10.65
01/28/2015	87.68	4815.08	-1.88
03/04/2014	85.80	4816.96	-3.23
01/28/2013	82.57	4820.19	-6.04
04/05/2012	76.53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

Construction Information

Surface Elevation (ft): 4902.76
 Well Depth (ft): 150.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 12/18/1957 End Date: 02/12/2019
 Number of Measurements: 80





GROUNDWATER DETAILS

Well Name: GS-5
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00106329ABB
USGS Site ID: 400146104273501
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

Ten Most Recent Readings

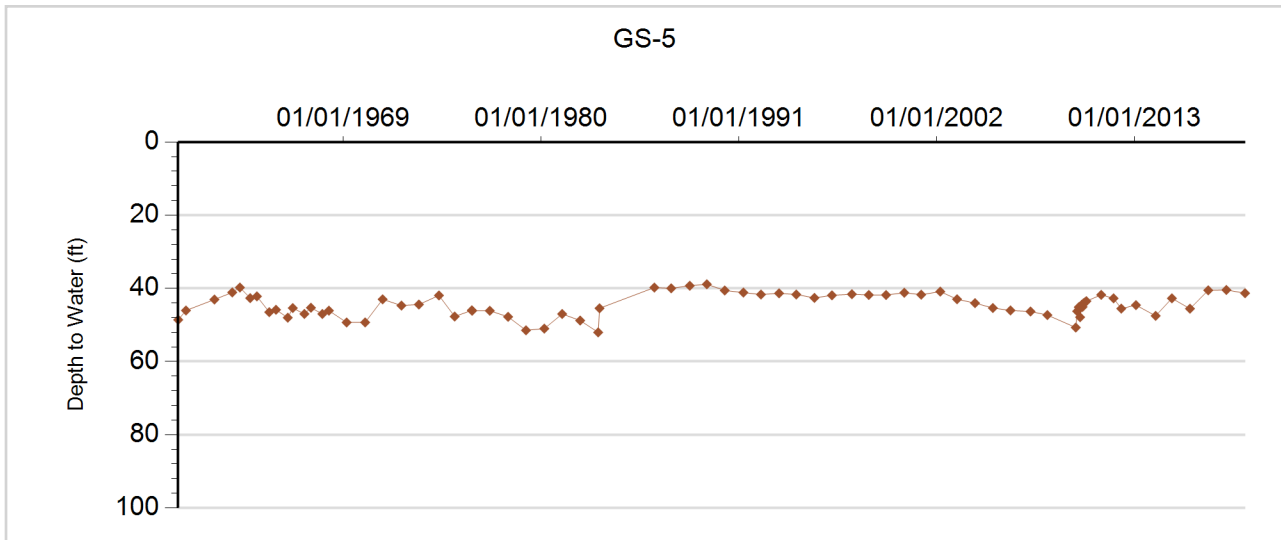
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/21/2019	41.32	4875.46	-0.88
02/07/2018	40.44	4876.34	0.10
02/03/2017	40.54	4876.24	5.02
01/29/2016	45.56	4871.22	-2.84
01/28/2015	42.72	4874.06	4.80
03/04/2014	47.52	4869.26	-2.94
01/28/2013	44.58	4872.20	0.95
04/05/2012	45.53	4871.25	-2.81
11/01/2011	42.72	4874.06	-0.95
02/22/2011	41.77	4875.01	1.73

Construction Information

Surface Elevation (ft): 4916.78
 Well Depth (ft): 100.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 11/05/1959 End Date: 02/21/2019
 Number of Measurements: 74





GROUNDWATER DETAILS

Well Name: GS-6
Permit Number: 14856-R
WDID:
Data Source: DWR

Location Number: SC00106310BBB
USGS Site ID: 395904104252901
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
 County: ADAMS
 Designated Basin: LOST CREEK
 Management District: LOST CREEK

Ten Most Recent Readings

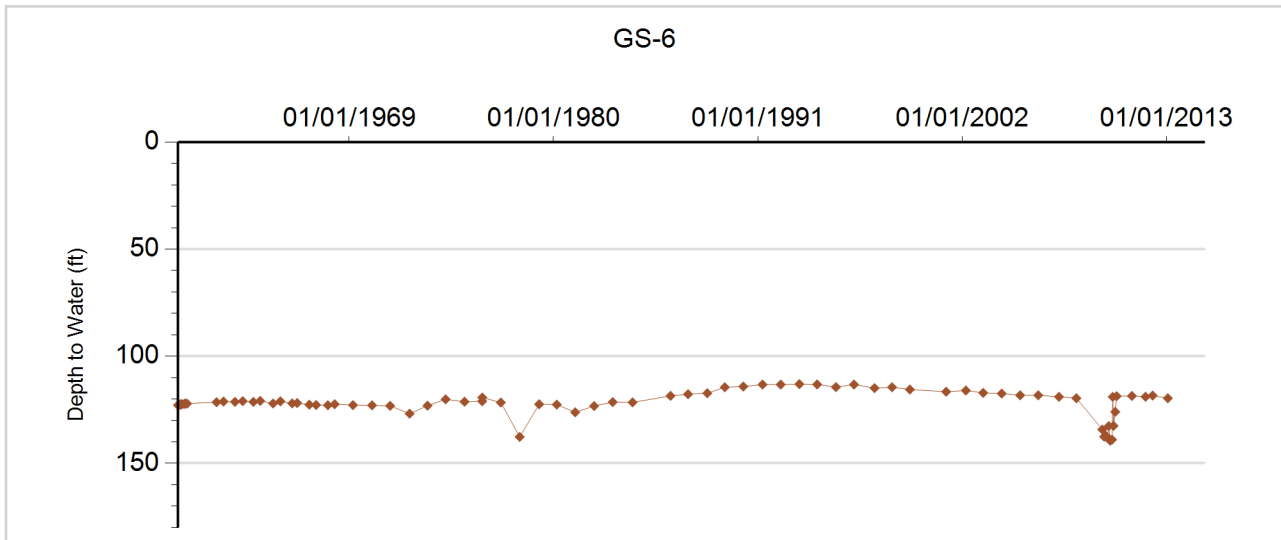
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/28/2015			
03/04/2014			
01/28/2013	119.60	4889.20	-1.25
04/05/2012	118.35	4890.45	0.55
11/17/2011	118.90	4889.90	-0.37
02/22/2011	118.53	4890.27	0.11
04/28/2010	118.64	4890.16	7.32
03/31/2010	125.96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

Construction Information

Surface Elevation (ft): 5008.80
 Well Depth (ft): 180.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 10/14/1959 End Date: 01/28/2015
 Number of Measurements: 79





GROUNDWATER DETAILS

Well Name: LC-1
Permit Number: 24577-
WDID:
Data Source: DWR

Location Number: SB00206209AA
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
861 N	303 E		NE	NE	9	2.0 N	62.0 W	S	557875.0	4445499.0	GPS

Division: 1 District: 1
 County: WELD
 Designated Basin: LOST CREEK
 Management District: LOST CREEK

Ten Most Recent Readings

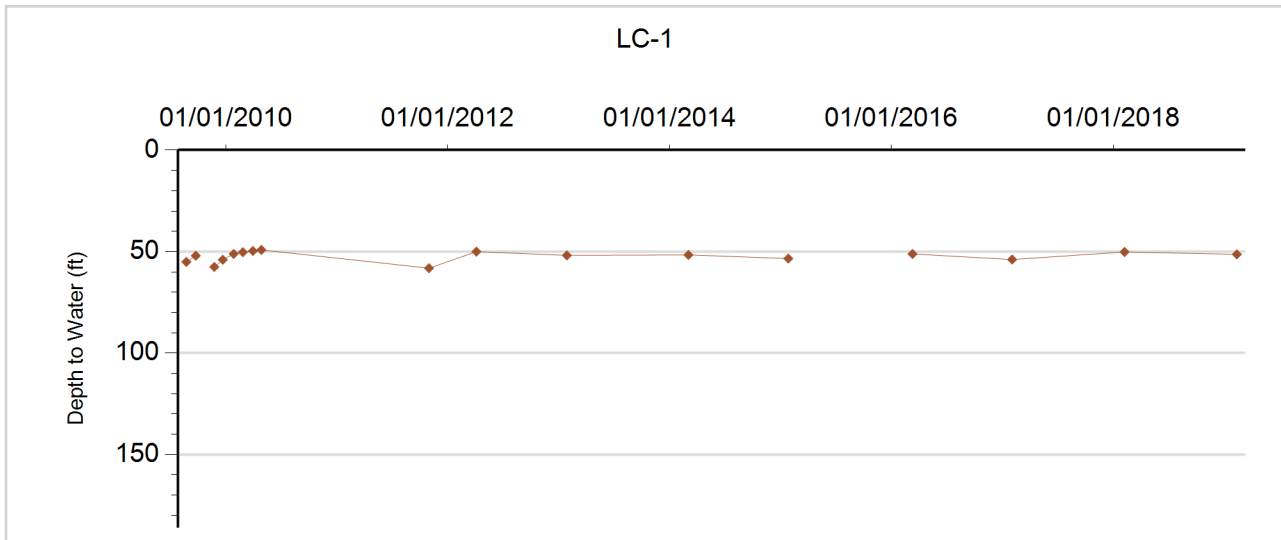
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	51.33	4700.67	-1.17
02/07/2018	50.16	4701.84	3.74
02/02/2017	53.90	4698.10	-2.75
03/11/2016	51.15	4700.85	
01/28/2016			
01/27/2015	53.40	4698.60	-1.78
03/04/2014	51.62	4700.38	0.23
01/28/2013	51.85	4700.15	-1.84
04/05/2012	50.01	4701.99	8.15
11/01/2011	58.16	4693.84	-9.00

Construction Information

Surface Elevation (ft): 4752.00
 Well Depth (ft): 186.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): LARAMIE FOX HILLS

Well Measurement Summary

Start Date: 08/24/2009 End Date: 02/12/2019
 Number of Measurements: 19





GROUNDWATER DETAILS

Well Name: LC-2
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00206216CB
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
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

Ten Most Recent Readings

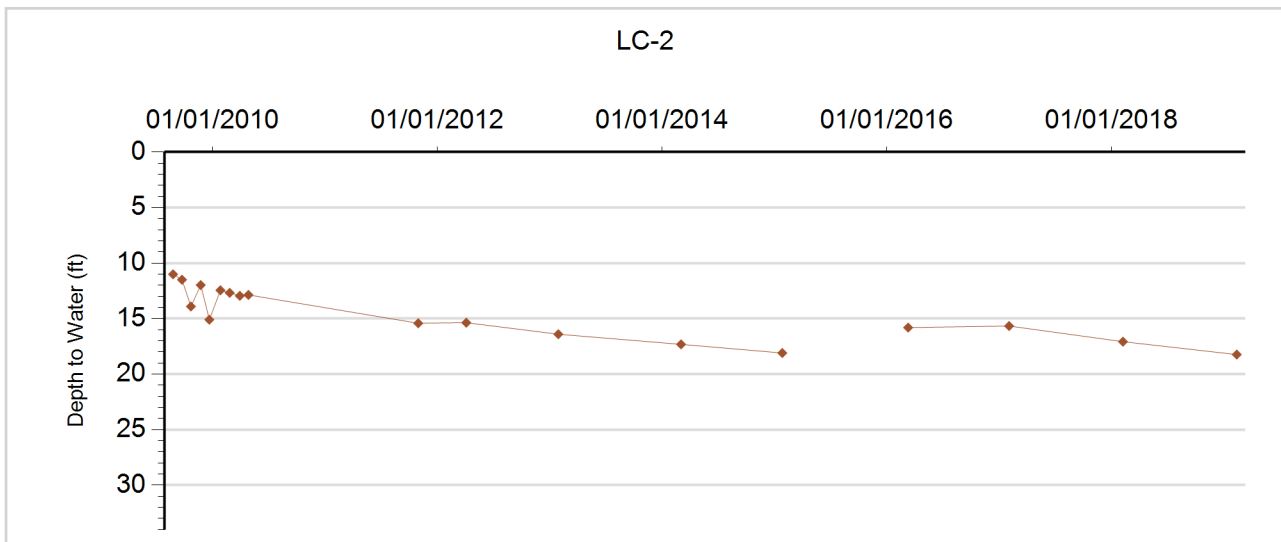
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	18.23	4710.77	-1.16
02/07/2018	17.07	4711.93	-1.41
02/02/2017	15.66	4713.34	0.14
03/11/2016	15.80	4713.20	
01/28/2016			
01/27/2015	18.09	4710.91	-0.78
03/04/2014	17.31	4711.69	-0.91
01/29/2013	16.40	4712.60	-1.04
04/05/2012	15.36	4713.64	0.05
11/01/2011	15.41	4713.59	-2.55

Construction Information

Surface Elevation (ft): 4729.00
 Well Depth (ft): 34.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 08/26/2009 End Date: 02/12/2019
 Number of Measurements: 19





GROUNDWATER DETAILS

Well Name: LC-3
Permit Number: 31650-
WDID:
Data Source: DWR

Location Number: SB00206219CD
USGS Site ID:
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
 County: WELD
 Designated Basin: LOST CREEK
 Management District: LOST CREEK

Ten Most Recent Readings

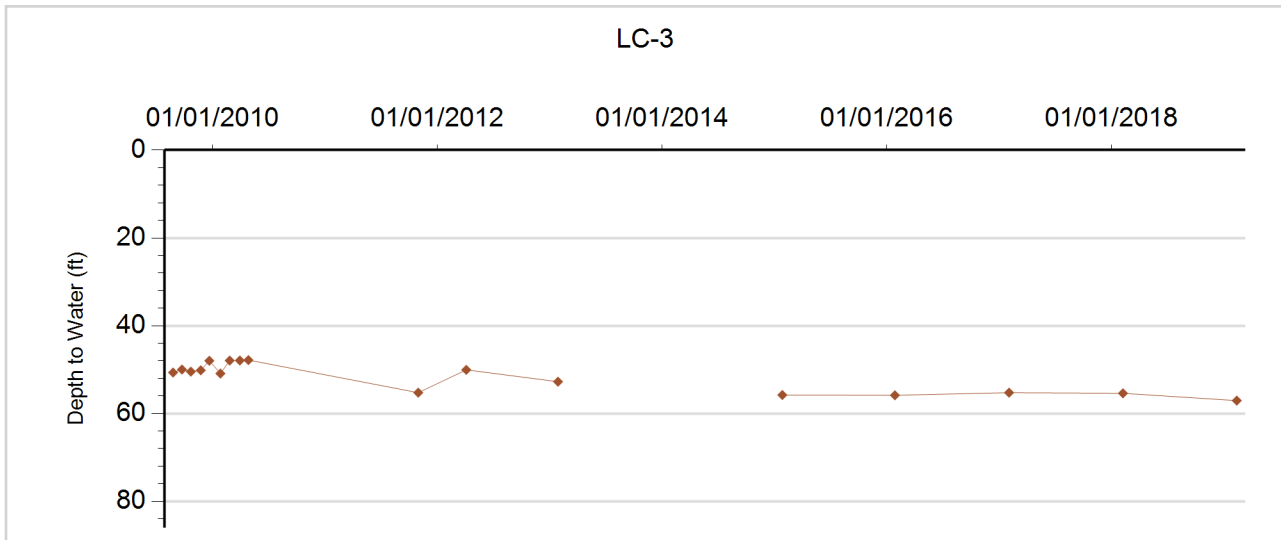
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	57.06	4701.94	-1.66
02/07/2018	55.40	4703.60	-0.15
02/02/2017	55.25	4703.75	0.59
01/28/2016	55.84	4703.16	-0.06
01/27/2015	55.78	4703.22	
03/04/2014			
01/28/2013	52.75	4706.25	-2.70
04/05/2012	50.05	4708.95	5.20
11/01/2011	55.25	4703.75	-7.42
04/28/2010	47.83	4711.17	0.09

Construction Information

Surface Elevation (ft): 4759.00
 Well Depth (ft): 86.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 08/26/2009 End Date: 02/12/2019
 Number of Measurements: 18





GROUNDWATER DETAILS

Well Name: LC-4
Permit Number: 31656-FP
WDID:
Data Source: DWR

Location Number: SB00206315DD
USGS Site ID:
Applicant/Contact: ALBERT AND LEAH ENGLEHARDT

Physical Location

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

Division: 1 District: 1
 County: WELD
 Designated Basin: LOST CREEK
 Management District: LOST CREEK

Ten Most Recent Readings

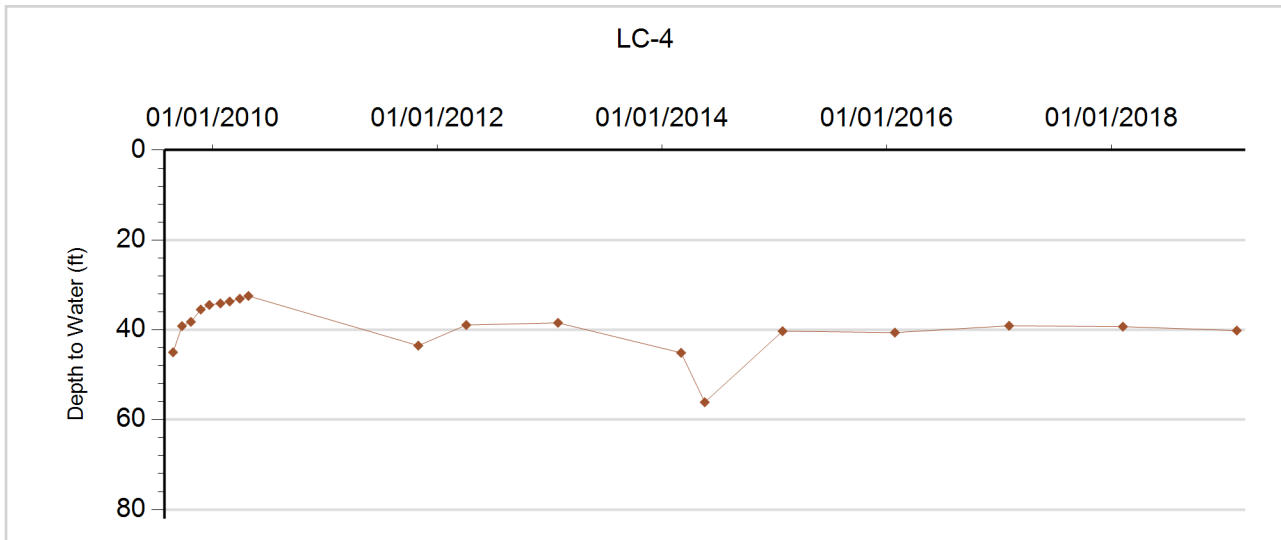
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	40.16	4721.84	-0.87
02/07/2018	39.29	4722.71	-0.20
02/02/2017	39.09	4722.91	1.52
01/28/2016	40.61	4721.39	-0.32
01/28/2015	40.29	4721.71	15.82
05/20/2014	56.11	4705.89	-11.00
03/04/2014	45.11	4716.89	-6.67
01/28/2013	38.44	4723.56	0.48
04/05/2012	38.92	4723.08	4.59
11/01/2011	43.51	4718.49	-11.06

Construction Information

Surface Elevation (ft): 4762.00
 Well Depth (ft): 82.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 08/26/2009 End Date: 02/12/2019
 Number of Measurements: 19





GROUNDWATER DETAILS

Well Name: LC-6
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00206315BB
USGS Site ID:
Applicant/Contact: FLORA ZIMBELMAN

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
204 N	223 W		NW	NW	15	2.0 N	63.0 W	S	548371.0	4444013.0	GPS

Division: 1 District: 1
 County: WELD
 Designated Basin: LOST CREEK
 Management District: LOST CREEK

Ten Most Recent Readings

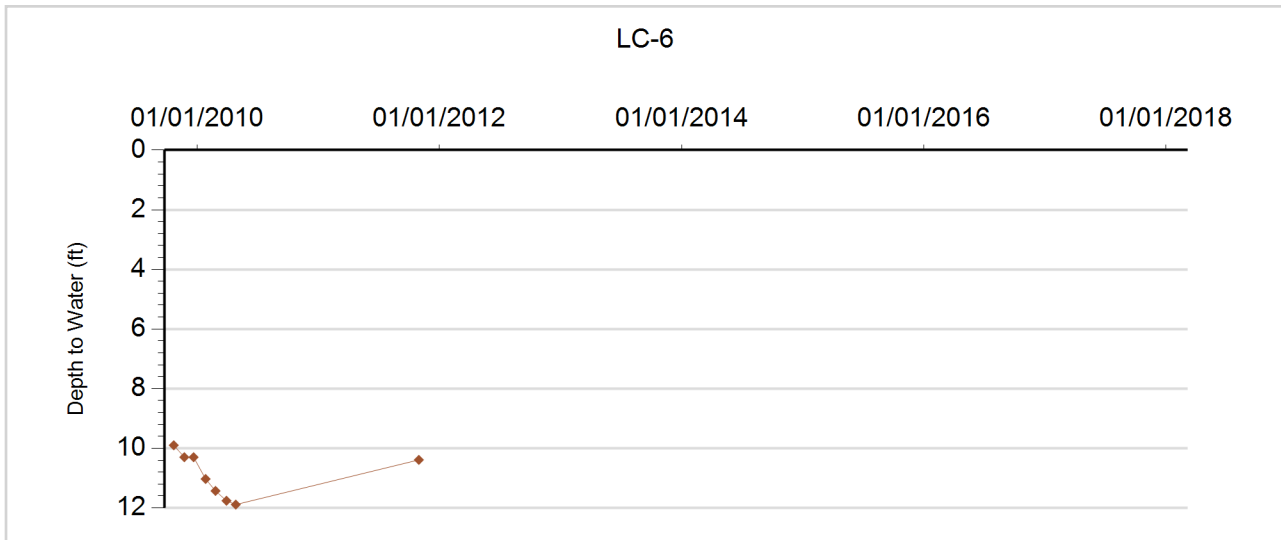
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/07/2018			
02/02/2017			
01/28/2016			
01/28/2015			
03/04/2014	12.25	4739.75	
01/28/2013			
04/05/2012			
11/01/2011	10.39	4741.61	1.50
04/28/2010	11.89	4740.11	-0.13
03/31/2010	11.76	4740.24	-0.33

Construction Information

Surface Elevation (ft): 4752.00
 Well Depth (ft): 12.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 10/23/2009 End Date: 02/07/2018
 Number of Measurements: 15





GROUNDWATER DETAILS

Well Name: LC-6A
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00206309DD
USGS Site ID:
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

Ten Most Recent Readings

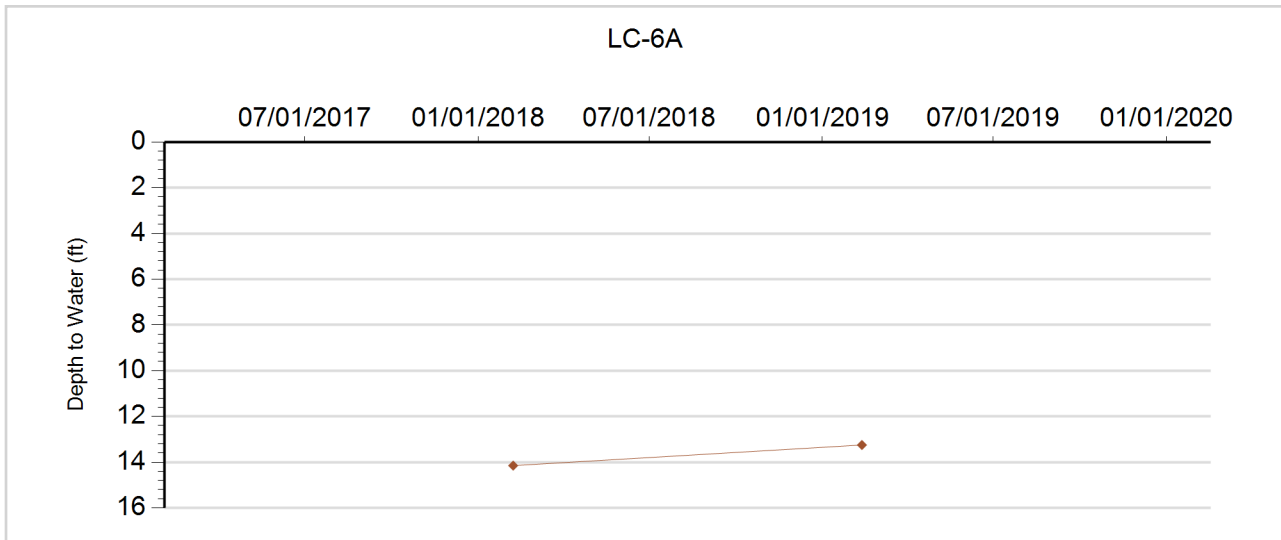
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	13.25	4736.75	0.90
02/07/2018	14.15	4735.85	

Construction Information

Surface Elevation (ft): 4750.00
 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): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 02/07/2018 End Date: 02/12/2019
 Number of Measurements: 2





GROUNDWATER DETAILS

Well Name: LC-7
Permit Number:
WDID:
Data Source: DWR

Location Number: SC00106308CD
USGS Site ID:
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

Ten Most Recent Readings

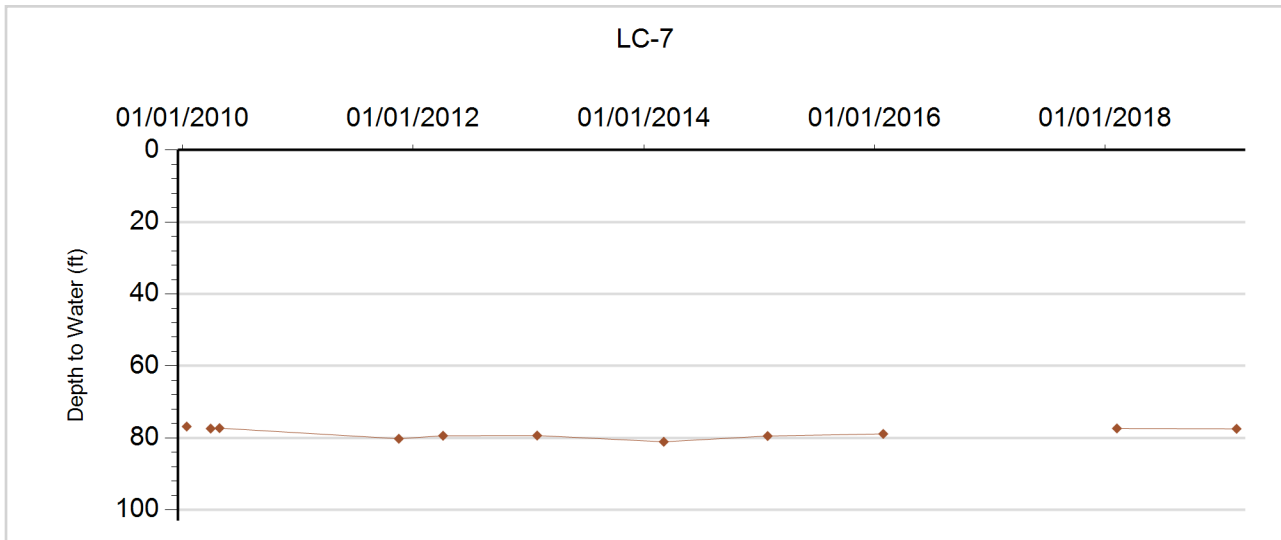
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/21/2019	77.47	4964.53	-0.11
02/07/2018	77.36	4964.64	
02/03/2017			
01/29/2016	78.89	4963.11	0.59
01/28/2015	79.48	4962.52	1.60
03/05/2014	81.08	4960.92	-1.73
01/28/2013	79.35	4962.65	0.05
04/05/2012	79.40	4962.60	0.83
11/17/2011	80.23	4961.77	-2.94
04/28/2010	77.29	4964.71	0.12

Construction Information

Surface Elevation (ft): 5042.00
 Well Depth (ft): 103.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 01/14/2010 End Date: 02/21/2019
 Number of Measurements: 13





GROUNDWATER DETAILS

Well Name: LC-9
Permit Number: 14861-RFP
WDID:
Data Source: DWR

Location Number: SC00106302CC
USGS Site ID:
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
 Designated Basin: LOST CREEK
 Management District: LOST CREEK

Ten Most Recent Readings

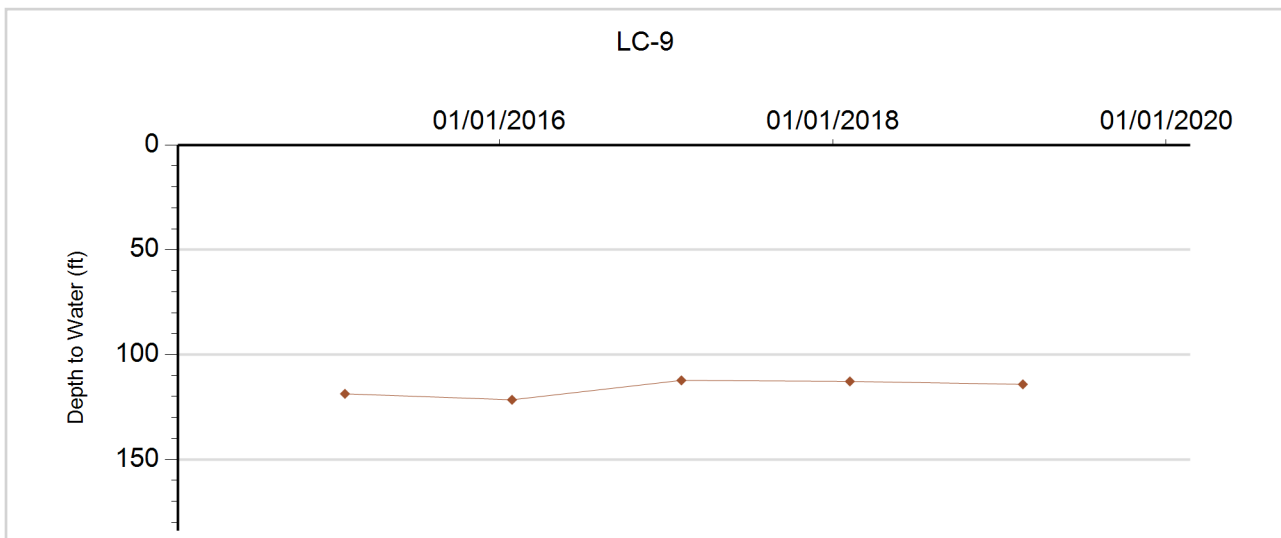
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/21/2019	114.20	4896.80	-1.39
02/07/2018	112.81	4898.19	-0.51
02/03/2017	112.30	4898.70	9.27
01/29/2016	121.57	4889.43	-2.84
01/28/2015	118.73	4892.27	

Construction Information

Surface Elevation (ft): 5011.00
 Well Depth (ft): 184.00
 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: 02/21/2019
 Number of Measurements: 5





GROUNDWATER DETAILS

Well Name: N-11
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00306226DCD
USGS Site ID:
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:

Ten Most Recent Readings

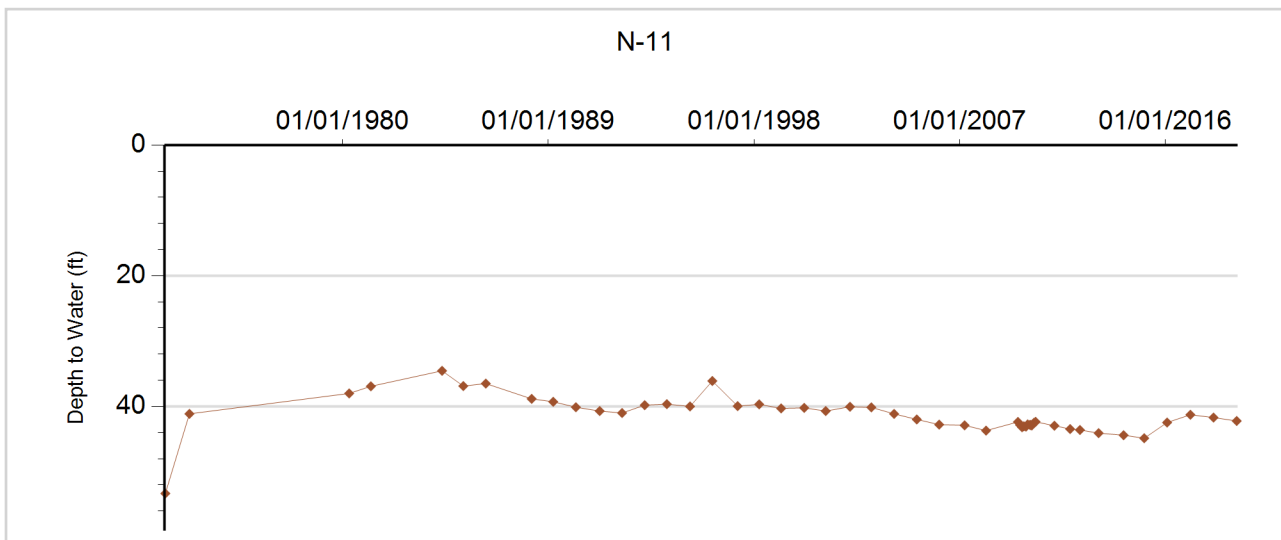
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	42.22	4679.83	-0.52
02/07/2018	41.70	4680.35	-0.43
02/02/2017	41.27	4680.78	1.19
01/28/2016	42.46	4679.59	2.40
01/27/2015	44.86	4677.19	-0.46
03/04/2014	44.40	4677.65	-0.32
01/28/2013	44.08	4677.97	-0.48
04/05/2012	43.60	4678.45	-0.14
11/01/2011	43.46	4678.59	-0.51
02/22/2011	42.95	4679.10	-0.60

Construction Information

Surface Elevation (ft): 4722.05
 Well Depth (ft): 59.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 04/03/1972 End Date: 02/12/2019
 Number of Measurements: 49





GROUNDWATER DETAILS

Well Name: N-5
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00306203CCC
USGS Site ID:
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:

Ten Most Recent Readings

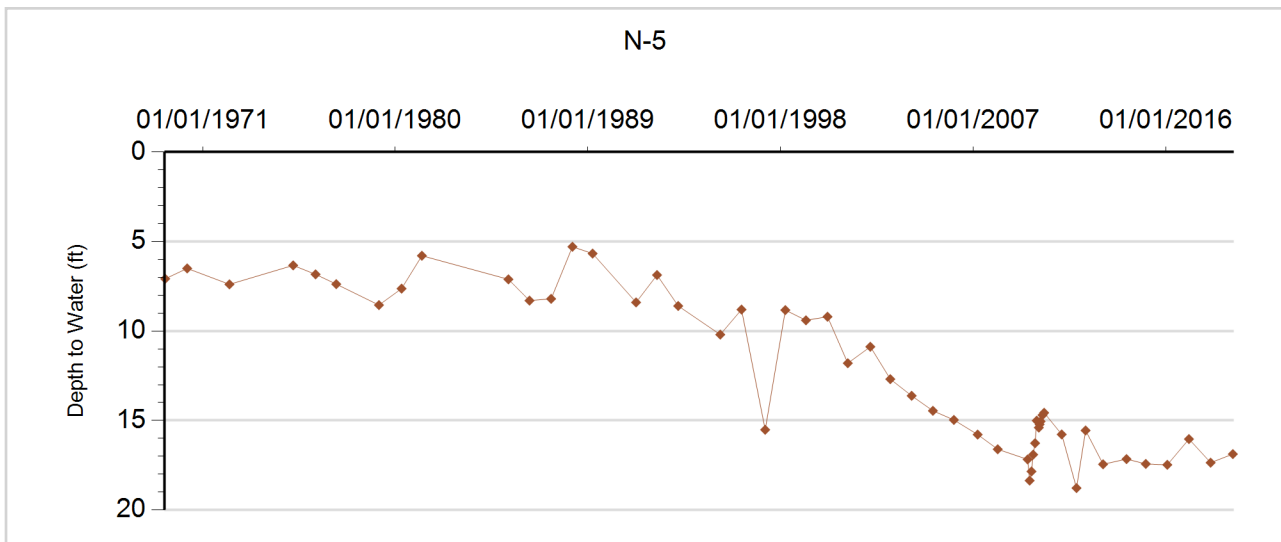
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/21/2019	16.88	4575.12	0.48
02/07/2018	17.36	4574.64	-1.32
02/02/2017	16.04	4575.96	1.44
01/29/2016	17.48	4574.52	-0.05
01/27/2015	17.43	4574.57	-0.27
03/04/2014	17.16	4574.84	0.29
01/28/2013	17.45	4574.55	-1.89
04/05/2012	15.56	4576.44	3.22
11/01/2011	18.78	4573.22	-3.00
02/22/2011	15.78	4576.22	-1.21

Construction Information

Surface Elevation (ft): 4592.00
 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): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 04/03/1969 End Date: 02/21/2019
 Number of Measurements: 52





GROUNDWATER DETAILS

Well Name: N-6
Permit Number: 12174-F
WDID:
Data Source: DWR

Location Number: SB00306214BAC
USGS Site ID:
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:

Ten Most Recent Readings

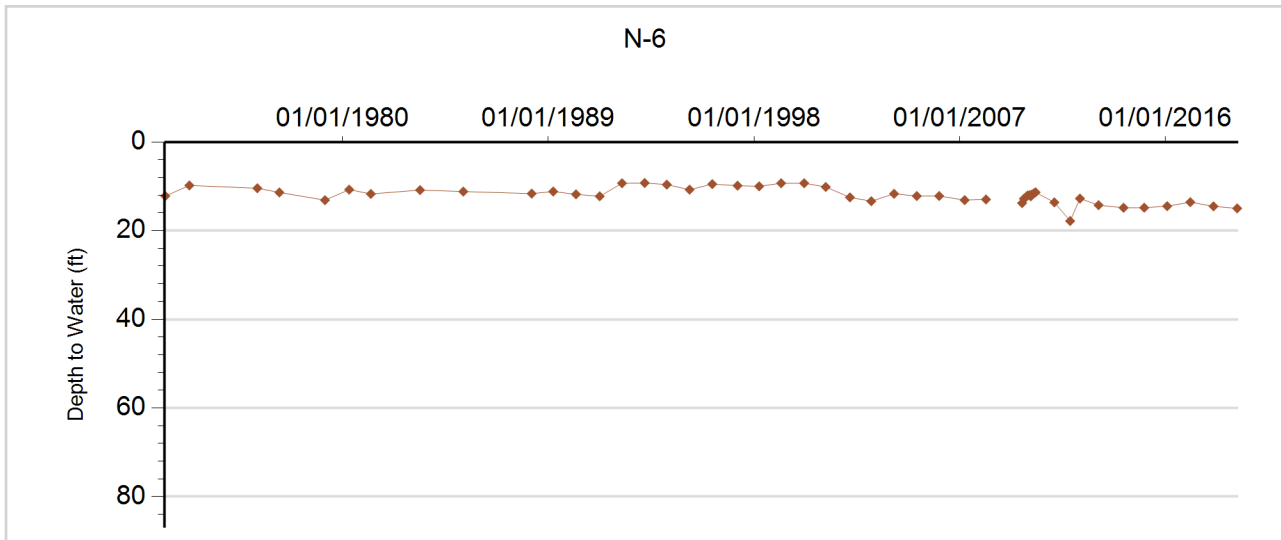
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/21/2019	14.97	4597.03	-0.46
02/07/2018	14.51	4597.49	-0.94
02/02/2017	13.57	4598.43	0.91
01/29/2016	14.48	4597.52	0.34
01/27/2015	14.82	4597.18	0.02
03/04/2014	14.84	4597.16	-0.59
01/28/2013	14.25	4597.75	-1.49
04/05/2012	12.76	4599.24	5.07
11/01/2011	17.83	4594.17	-4.21
02/22/2011	13.62	4598.38	-2.27

Construction Information

Surface Elevation (ft): 4612.00
 Well Depth (ft): 87.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 04/03/1972 End Date: 02/21/2019
 Number of Measurements: 51





GROUNDWATER DETAILS

Well Name: N-7
Permit Number: 12225-F
WDID:
Data Source: DWR

Location Number: SB00306227DAD
USGS Site ID:
Applicant/Contact: CERVI RANCHES

Physical Location

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:

Ten Most Recent Readings

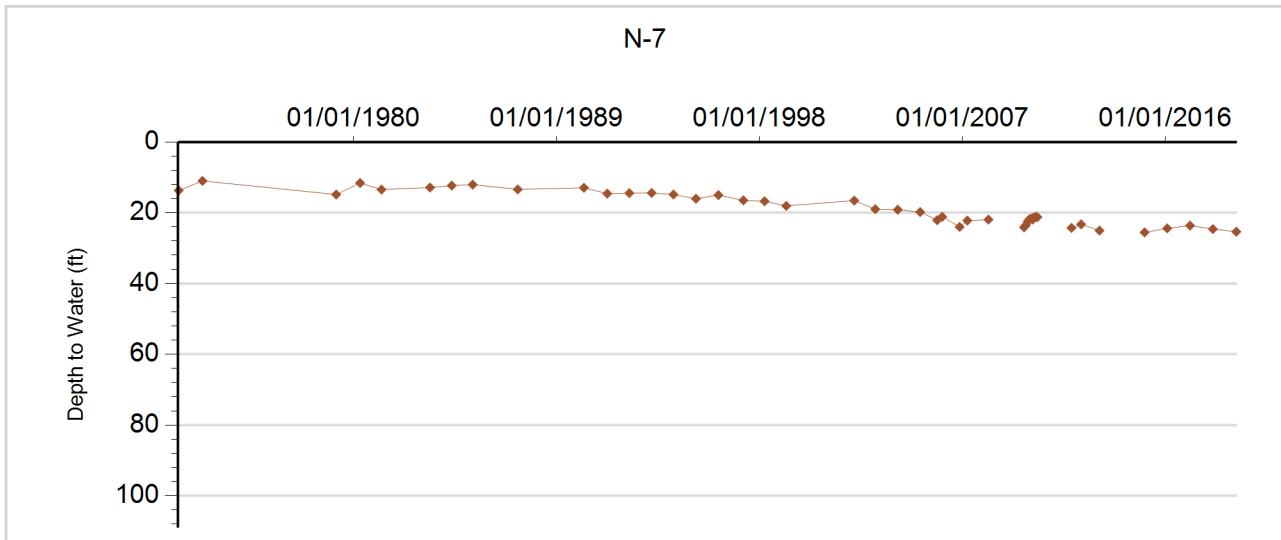
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/21/2019	25.36	4621.12	-0.75
02/07/2018	24.61	4621.87	-0.98
02/02/2017	23.63	4622.85	0.77
01/29/2016	24.40	4622.08	1.15
01/27/2015	25.55	4620.93	
03/04/2014			
01/28/2013	25.03	4621.45	-1.76
04/05/2012	23.27	4623.21	1.01
11/01/2011	24.28	4622.20	
02/22/2011			

Construction Information

Surface Elevation (ft): 4646.48
 Well Depth (ft): 109.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 04/03/1972 End Date: 02/21/2019
 Number of Measurements: 49





GROUNDWATER DETAILS

Well Name: S-10A
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00206218CBC
USGS Site ID:
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

Ten Most Recent Readings

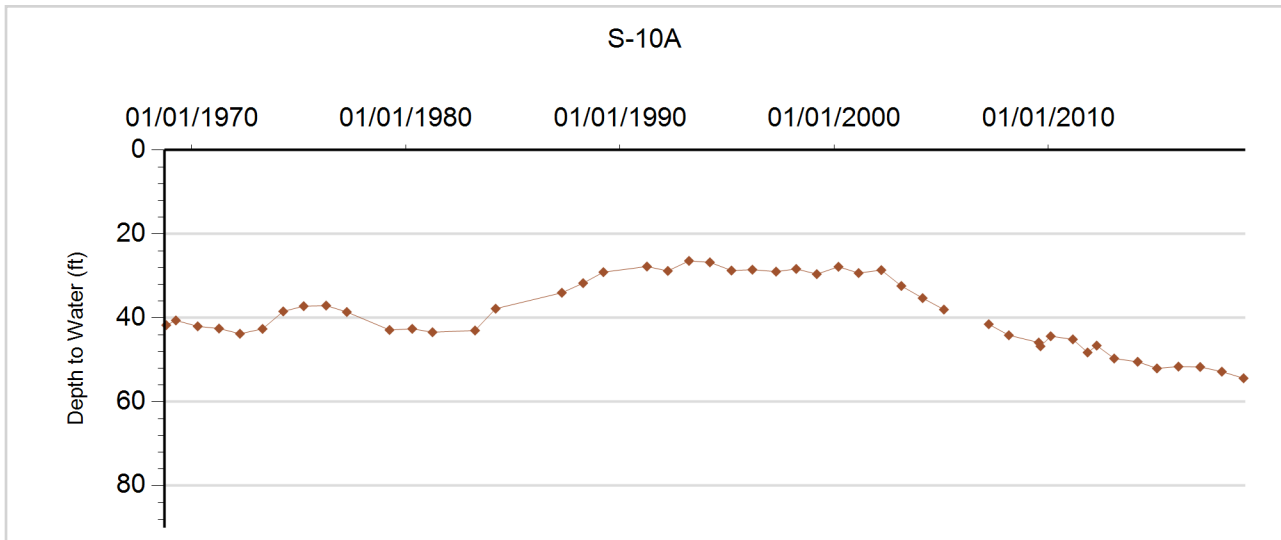
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	54.38	4690.62	-1.57
02/07/2018	52.81	4692.19	-1.12
02/02/2017	51.69	4693.31	-0.08
01/28/2016	51.61	4693.39	0.43
01/27/2015	52.04	4692.96	-1.59
03/04/2014	50.45	4694.55	-0.77
01/28/2013	49.68	4695.32	-3.08
04/05/2012	46.60	4698.40	1.64
11/01/2011	48.24	4696.76	-3.13
02/22/2011	45.11	4699.89	-0.75

Construction Information

Surface Elevation (ft): 4745.00
 Well Depth (ft): 90.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 10/24/1968 End Date: 02/12/2019
 Number of Measurements: 49





GROUNDWATER DETAILS

Well Name: S-12
Permit Number: 10477-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

Ten Most Recent Readings

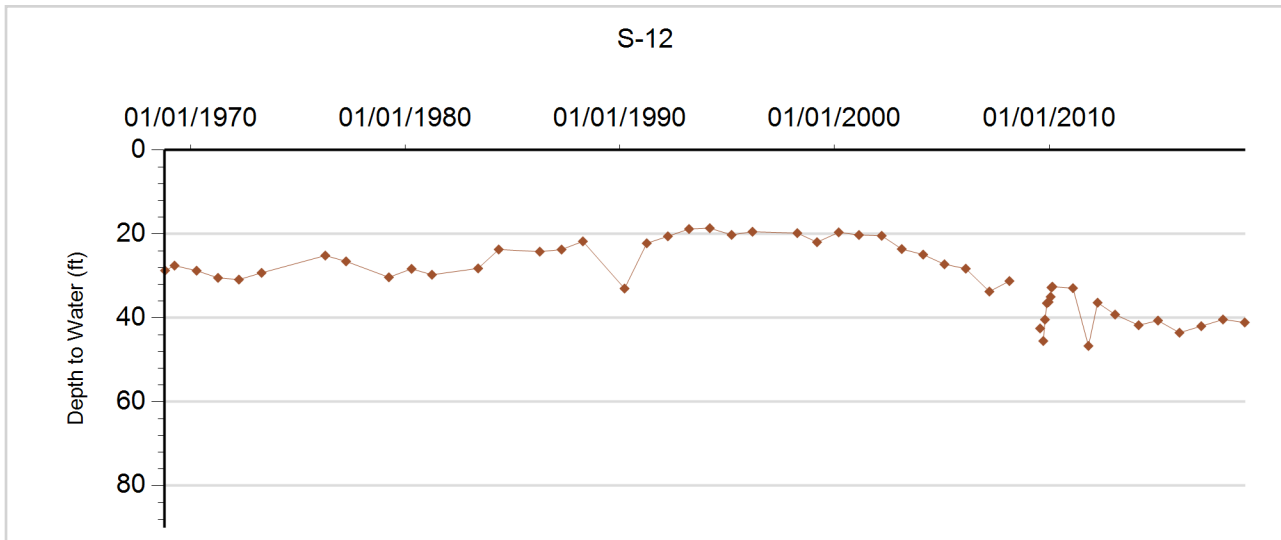
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	41.08	4699.92	-0.71
02/07/2018	40.37	4700.63	1.60
02/02/2017	41.97	4699.03	1.55
01/28/2016	43.52	4697.48	-2.89
01/27/2015	40.63	4700.37	1.11
03/04/2014	41.74	4699.26	-2.54
01/28/2013	39.20	4701.80	-2.83
04/05/2012	36.37	4704.63	10.31
11/01/2011	46.68	4694.32	-13.78
02/11/2011	32.90	4708.10	-0.34

Construction Information

Surface Elevation (ft): 4741.00
 Well Depth (ft): 90.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 10/24/1968 End Date: 02/12/2019
 Number of Measurements: 54





GROUNDWATER DETAILS

Well Name: S-18
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00206302DBA
USGS Site ID:
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

Ten Most Recent Readings

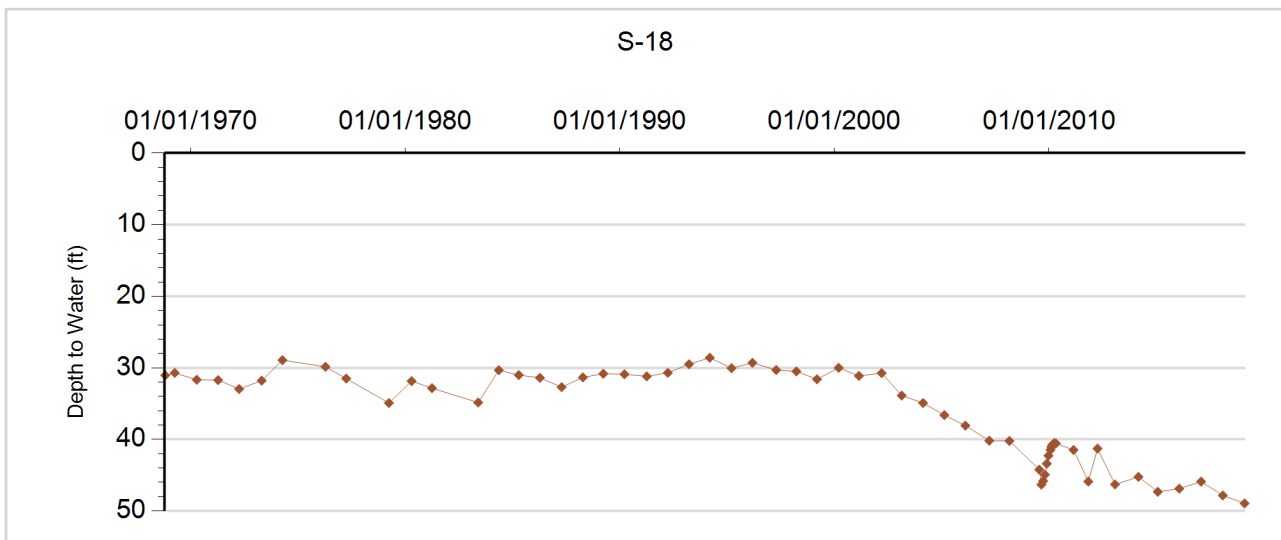
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	48.95	4688.47	-1.11
02/07/2018	47.84	4689.58	-1.94
02/02/2017	45.90	4691.52	0.99
01/28/2016	46.89	4690.53	0.44
01/27/2015	47.33	4690.09	-2.08
03/04/2014	45.25	4692.17	1.05
01/28/2013	46.30	4691.12	-5.01
04/05/2012	41.29	4696.13	4.61
11/01/2011	45.90	4691.52	-4.41
02/22/2011	41.49	4695.93	-0.92

Construction Information

Surface Elevation (ft): 4737.42
 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): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 10/24/1968 End Date: 02/12/2019
 Number of Measurements: 59





GROUNDWATER DETAILS

Well Name: S-1A_REPLACE
Permit Number: 9596-FP-R
WDID:
Data Source: DWR

Location Number: SB00306232AC
USGS Site ID:
Applicant/Contact: LOST CREEK LAND & CATTLE CO.

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2798 S	2776 W		SW	NE	32	3.0 N	62.0 W	S	555590.0	4448205.0	GPS

Division: 1 District: 1
 County: WELD
 Designated Basin: LOST CREEK
 Management District:

Ten Most Recent Readings

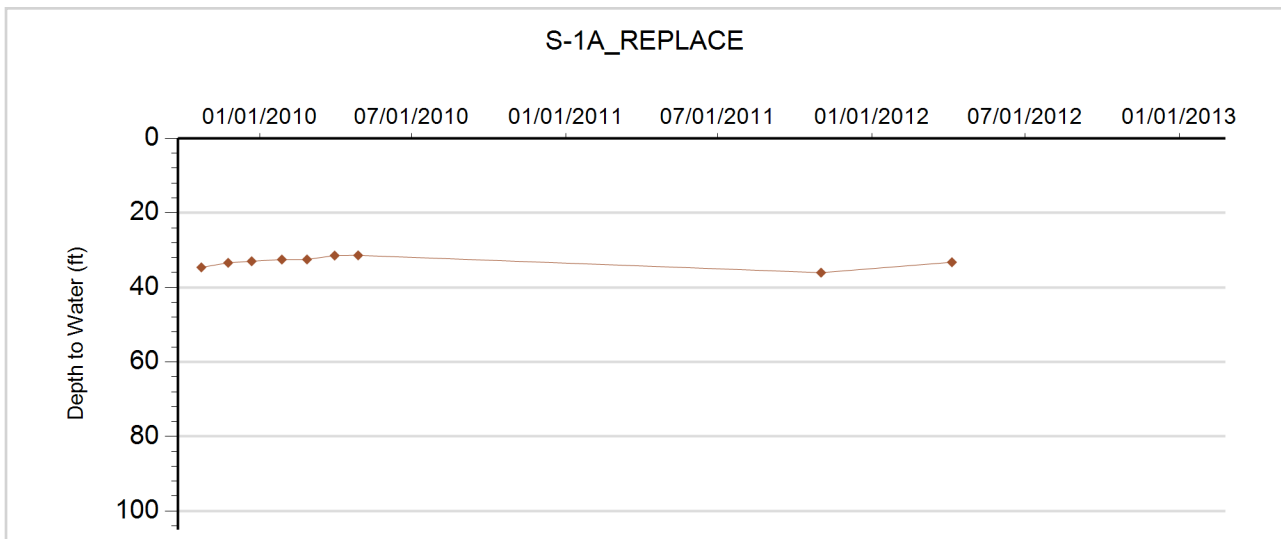
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
01/28/2013			
04/05/2012	33.25	4658.75	2.79
11/01/2011	36.04	4655.96	-4.64
04/28/2010	31.40	4660.60	0.05
03/31/2010	31.45	4660.55	1.05
02/26/2010	32.50	4659.50	0.02
01/27/2010	32.52	4659.48	0.46
12/22/2009	32.98	4659.02	0.42
11/24/2009	33.40	4658.60	1.22
10/23/2009	34.62	4657.38	

Construction Information

Surface Elevation (ft): 4692.00
 Well Depth (ft): 105.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft): 61
 Depth to Bottom of Perforated Casing (ft): 101
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 10/23/2009 End Date: 01/28/2013
 Number of Measurements: 10





GROUNDWATER DETAILS

Well Name: S-2
 Permit Number:
 WDID:
 Data Source: DWR

Location Number: SB00206204BDD
 USGS Site ID:
 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

Ten Most Recent Readings

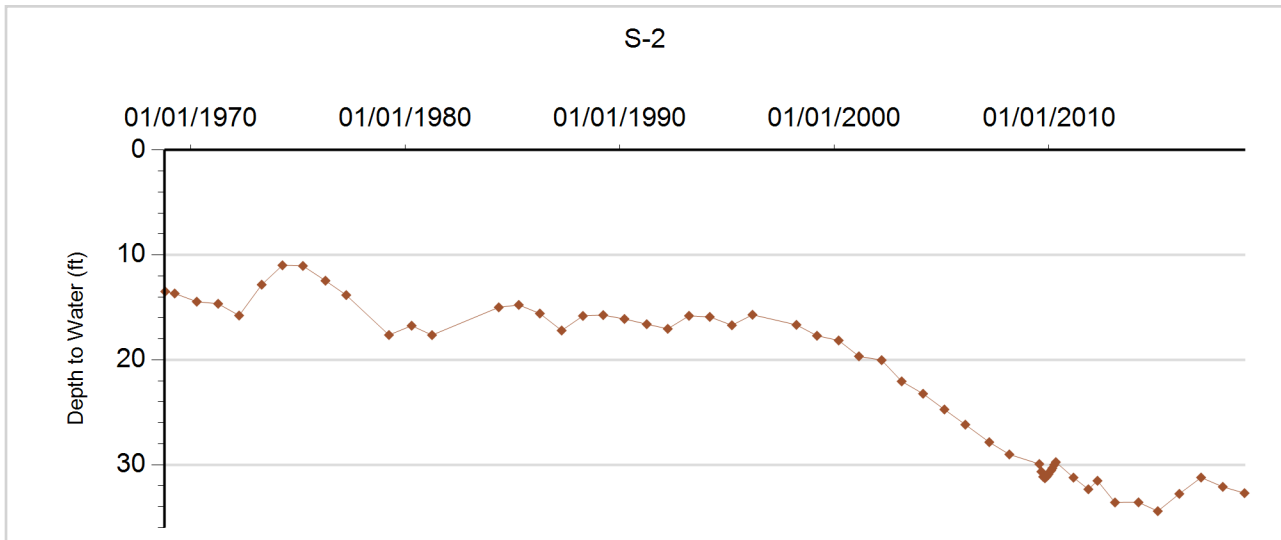
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019	32.71	4662.29	-0.60
02/07/2018	32.11	4662.89	-0.89
02/02/2017	31.22	4663.78	1.56
01/28/2016	32.78	4662.22	1.65
01/27/2015	34.43	4660.57	-0.84
03/04/2014	33.59	4661.41	0.01
01/28/2013	33.60	4661.40	-2.07
04/05/2012	31.53	4663.47	0.81
11/01/2011	32.34	4662.66	-1.11
02/22/2011	31.23	4663.77	-1.48

Construction Information

Surface Elevation (ft): 4695.00
 Well Depth (ft): 36.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 10/24/1968 End Date: 02/12/2019
 Number of Measurements: 58





GROUNDWATER DETAILS

Well Name: S-23A
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00306322CAD
USGS Site ID:
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:

Ten Most Recent Readings

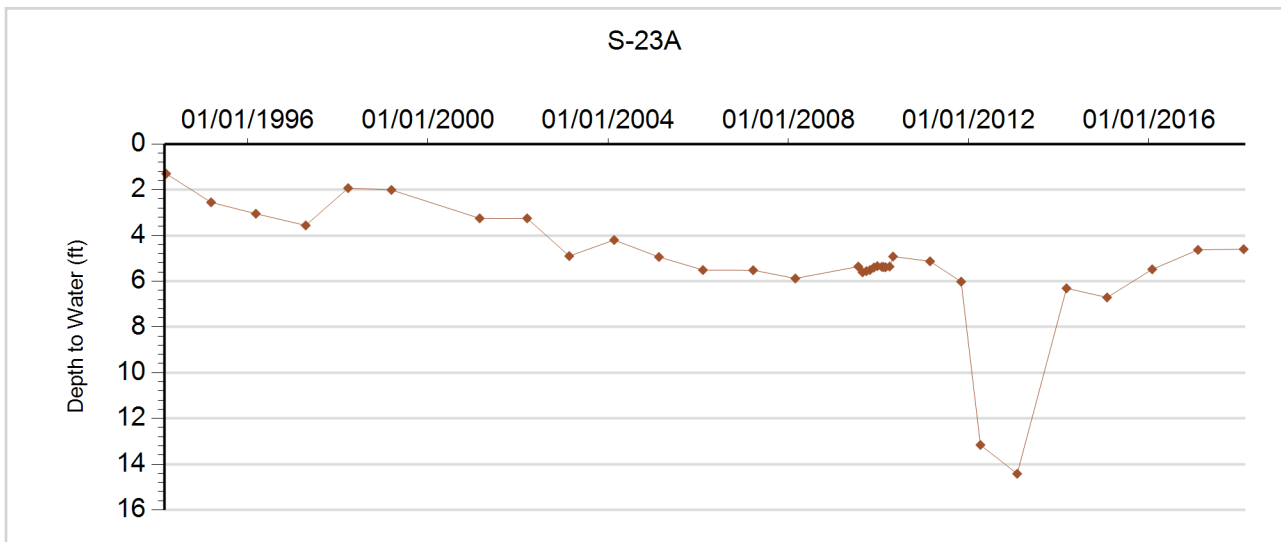
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/07/2018	4.60	4742.40	0.03
02/02/2017	4.63	4742.37	0.85
01/28/2016	5.48	4741.52	1.23
01/27/2015	6.71	4740.29	-0.40
03/04/2014	6.31	4740.69	8.11
01/28/2013	14.42	4732.58	-1.26
04/05/2012	13.16	4733.84	-7.14
11/01/2011	6.02	4740.98	-0.89
02/22/2011	5.13	4741.87	-0.21
04/28/2010	4.92	4742.08	0.44

Construction Information

Surface Elevation (ft): 4747.00
 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): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 03/11/1994 End Date: 02/07/2018
 Number of Measurements: 34





GROUNDWATER DETAILS

Well Name: S-24
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00306325DDD
USGS Site ID:
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:

Ten Most Recent Readings

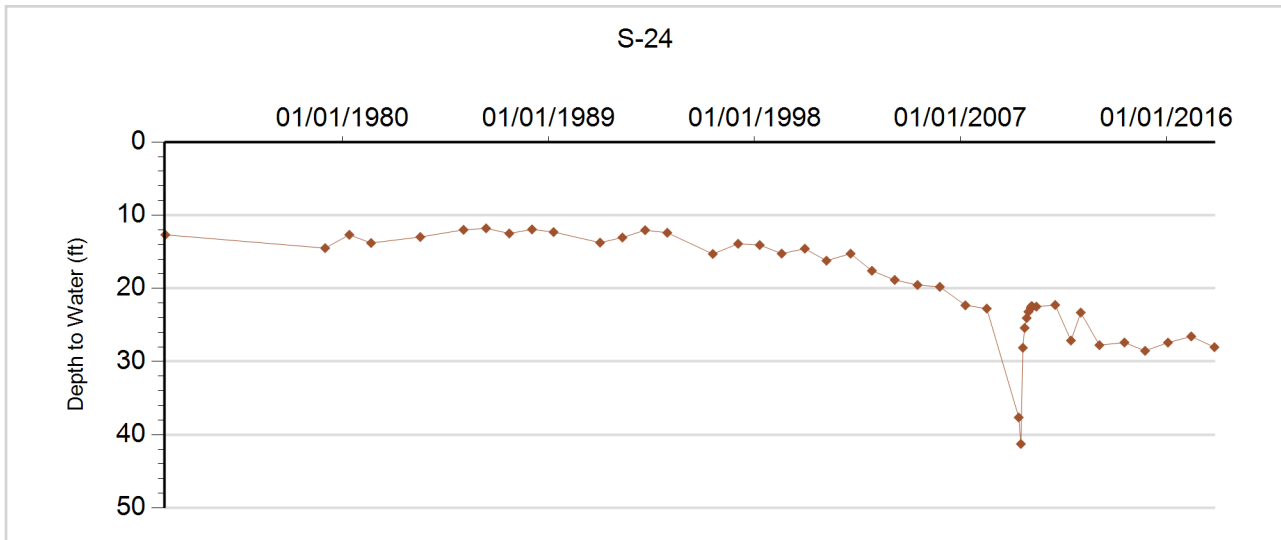
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/07/2018	28.04	4663.96	-1.47
02/02/2017	26.57	4665.43	0.84
01/28/2016	27.41	4664.59	1.13
01/27/2015	28.54	4663.46	-1.14
03/04/2014	27.40	4664.60	0.36
01/28/2013	27.76	4664.24	-4.45
04/05/2012	23.31	4668.69	3.82
11/01/2011	27.13	4664.87	-4.86
02/22/2011	22.27	4669.73	0.23
04/28/2010	22.50	4669.50	

Construction Information

Surface Elevation (ft): 4692.00
 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): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 04/03/1972 End Date: 02/07/2018
 Number of Measurements: 47





GROUNDWATER DETAILS

Well Name: S-26A
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00306326ACA
USGS Site ID:
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:

Ten Most Recent Readings

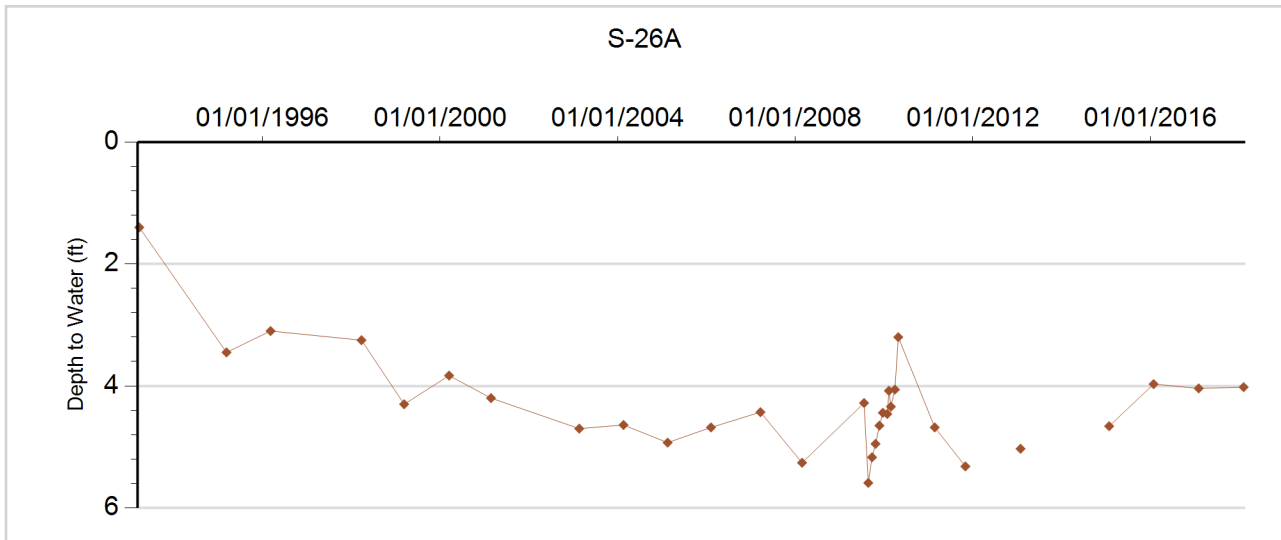
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/07/2018	4.02	4705.98	0.02
02/02/2017	4.04	4705.96	-0.07
01/28/2016	3.97	4706.03	0.69
01/27/2015	4.66	4705.34	
03/04/2014			
01/28/2013	5.03	4704.97	
04/05/2012			
11/01/2011	5.32	4704.68	-0.64
02/22/2011	4.68	4705.32	-1.48
04/28/2010	3.20	4706.80	0.86

Construction Information

Surface Elevation (ft): 4710.00
 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): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 03/23/1993 End Date: 02/07/2018
 Number of Measurements: 33





GROUNDWATER DETAILS

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
 County: WELD
 Designated Basin: LOST CREEK
 Management District: LOST CREEK

Ten Most Recent Readings

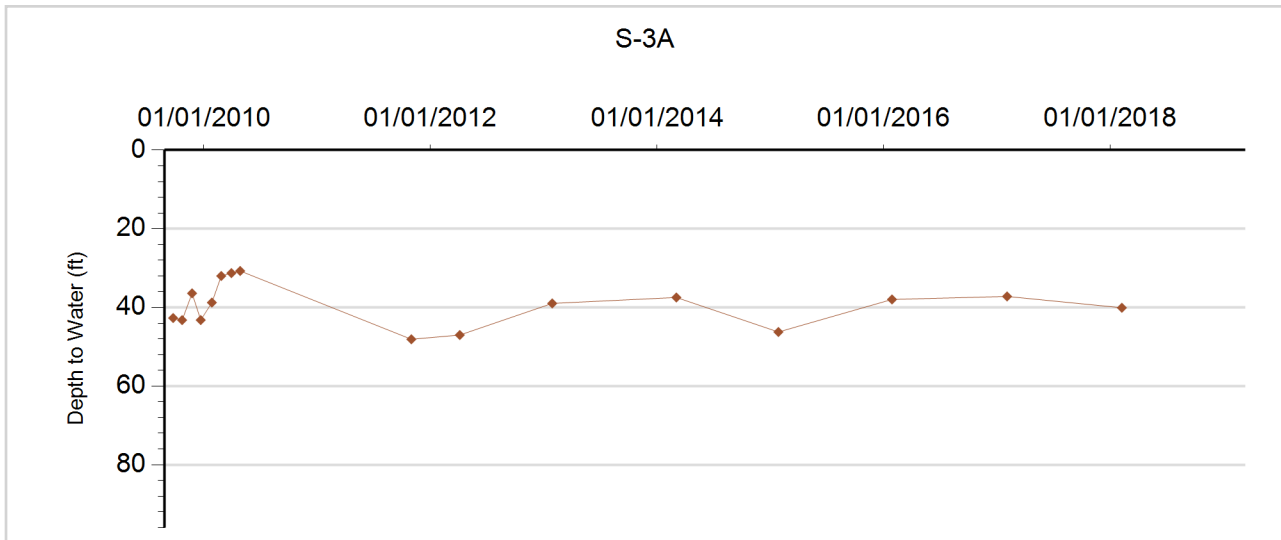
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/12/2019			
02/07/2018	40.08	4669.92	-2.88
02/02/2017	37.20	4672.80	0.77
01/28/2016	37.97	4672.03	8.27
01/27/2015	46.24	4663.76	-8.77
03/04/2014	37.47	4672.53	1.50
01/28/2013	38.97	4671.03	8.05
04/05/2012	47.02	4662.98	1.07
11/01/2011	48.09	4661.91	-17.36
04/28/2010	30.73	4679.27	0.54

Construction Information

Surface Elevation (ft): 4710.00
 Well Depth (ft): 96.00
 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): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 09/24/2009 End Date: 02/12/2019
 Number of Measurements: 17





GROUNDWATER DETAILS

Well Name: SP-31
Permit Number: 14860-RFP
WDID:
Data Source: DWR

Location Number: SB00106334BBB
USGS Site ID: 400054104255601
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

Ten Most Recent Readings

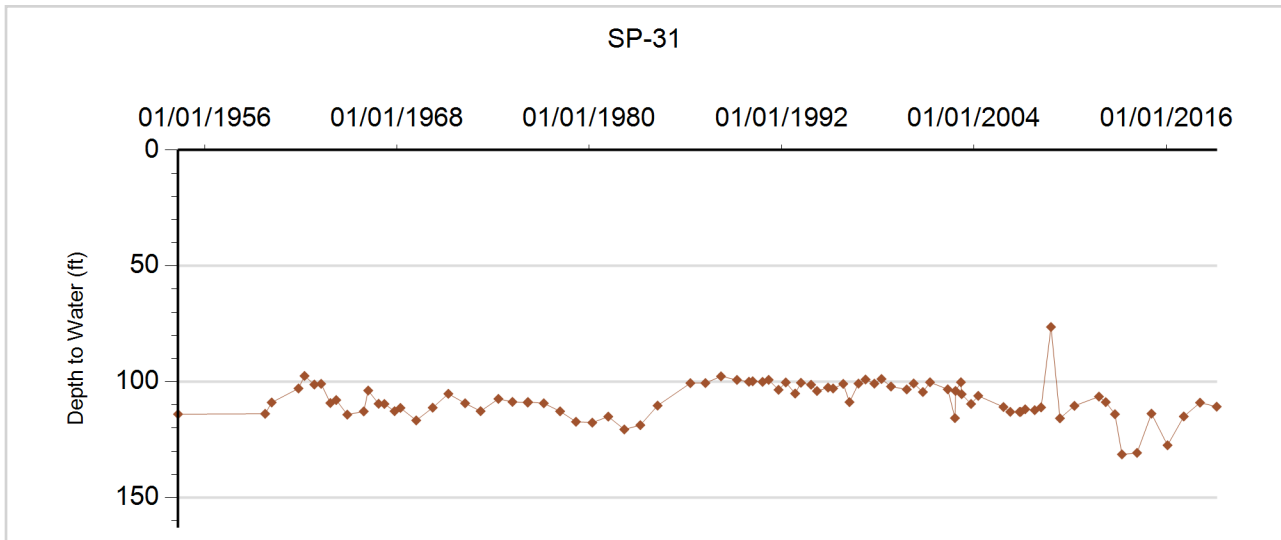
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/21/2019	110.77	4855.02	-1.73
02/07/2018	109.04	4856.75	5.95
02/03/2017	114.99	4850.80	12.45
01/29/2016	127.44	4838.35	-13.67
01/28/2015	113.77	4852.02	16.95
03/05/2014	130.72	4835.07	0.66
03/26/2013	131.38	4834.41	-17.37
10/18/2012	114.01	4851.78	-5.21
03/23/2012	108.80	4856.99	-2.38
10/19/2011	106.42	4859.37	3.98

Construction Information

Surface Elevation (ft): 4965.79
 Well Depth (ft): 163.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 05/07/1954 End Date: 02/21/2019
 Number of Measurements: 87





GROUNDWATER DETAILS

Well Name: SP-37
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00106302CCC
USGS Site ID: 400427104244801
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

Ten Most Recent Readings

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
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
04/06/2006	59.20	4765.54	2.66
11/04/2005	61.86	4762.88	-8.20
04/06/2004	53.66	4771.08	3.14
10/27/2003	56.80	4767.94	-3.60

Construction Information

Surface Elevation (ft): 4824.74
 Well Depth (ft): 75.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft):
 Depth to Bottom of Perforated Casing (ft):
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 03/29/1962 End Date: 02/12/2019
 Number of Measurements: 69

