

Groundwater Levels in the Camp Creek Designated Groundwater Basin

2024

by

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COLORADO
Division of Water Resources
Department of Natural Resources

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**CAMP CREEK DESIGNATED GROUNDWATER BASIN
WATER LEVEL MEASUREMENTS
2024**

This report contains the basic groundwater level data collected from wells in the Camp Creek Designated Groundwater Basin during the period from 1993 through 2024, as well as the initial static water level contained in the well construction report. Acquisition and publication of this information is a cooperative effort between the well owners 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 report contains water level measurements for ten wells measured March 27, 2024. The wells are listed by name in numerical order and the locations of those wells in the geographic context of the designated basin are shown on the following map. All of the Camp Creek wells that are monitored are located in Townships 2 and 3 North, Range 54 West of the 6th P.M. Depth to groundwater, below land surface, ranged from approximately 11 to 40 feet. Only two wells, CC-01 and CC-02, in the upper reaches of Camp Creek had water levels less than 20 feet below ground surface.

Tabular and graphical data are presented for each well for the available period of record. Analyses of changes in the water level in the aquifer are complicated by unknown pumping schedules.

A rise in groundwater levels in wells across the Camp Creek Designated Basin was observed. Eight of the ten wells measured increasing water levels, while one well, CC-07, recorded the same water level as the previous year. CC-10 was accessed and measured for the first time since 2015. The basin-wide declining trend shows signs of leveling-off in the past 10 years, even showing a slight upturn in several wells. Of particular note is CC-01, at the upper end of the basin, which has had an increasing trend since the early 2000's and measured a significant water level rise of over two feet in 2024.

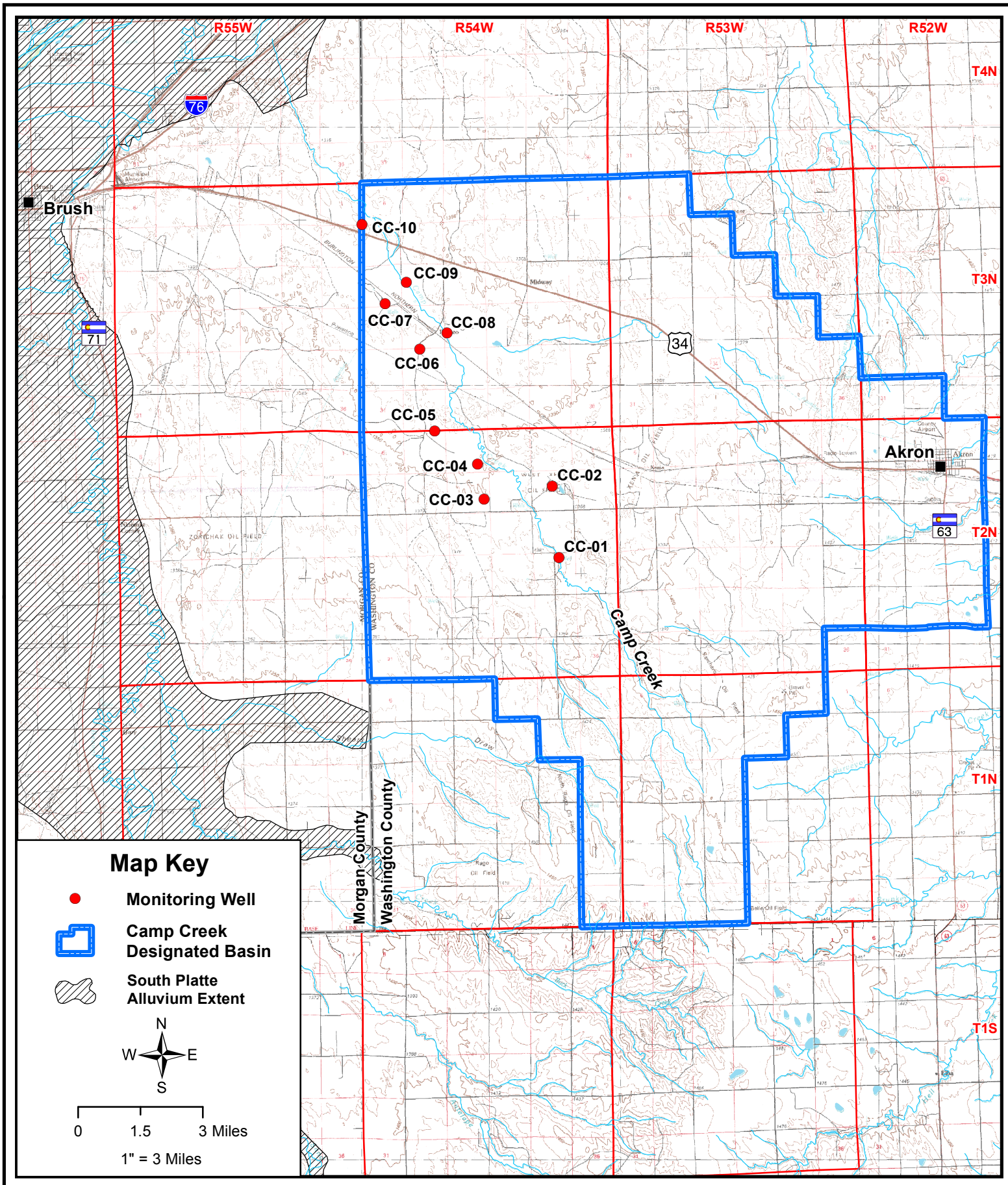
An electronic copy of this report is available on the Division of Water Resources website:
<https://dwr.colorado.gov/services/well-construction-inspection#groundwater-levels>

The direct link to the Camp Creek Publication Area on the CDSS webpage:
<https://dwr.state.co.us/Tools/GroundWater/WaterLevels?submitButton=Submit&SelectedGeoValue=waterDivisionDiv&SelectedPublicationAreaName=CAMP%20CREEK&SelectedAquiferName=All>

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



COLORADO
Division of Water Resources
Department of Natural Resources

State of Colorado -- Division of Water Resources
Camp Creek Designated Basin
Monitoring Well Network



GROUNDWATER DETAILS

Well Name: CC-01
Permit Number: 2804-F
WDID:
Data Source: DWR

Location Number: SB00205423ABB
USGS Site ID:
Applicant/Contact: LEO & MARY ANN BASLER

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
695 N	3345 W	NW	NW	NE	23	2.0 N	54.0 W	S	637601.0	4443506.5	GPS

Division: 1 **District:** 1
County: WASHINGTON
Designated Basin: CAMP CREEK
Management District:

Ten Most Recent Readings

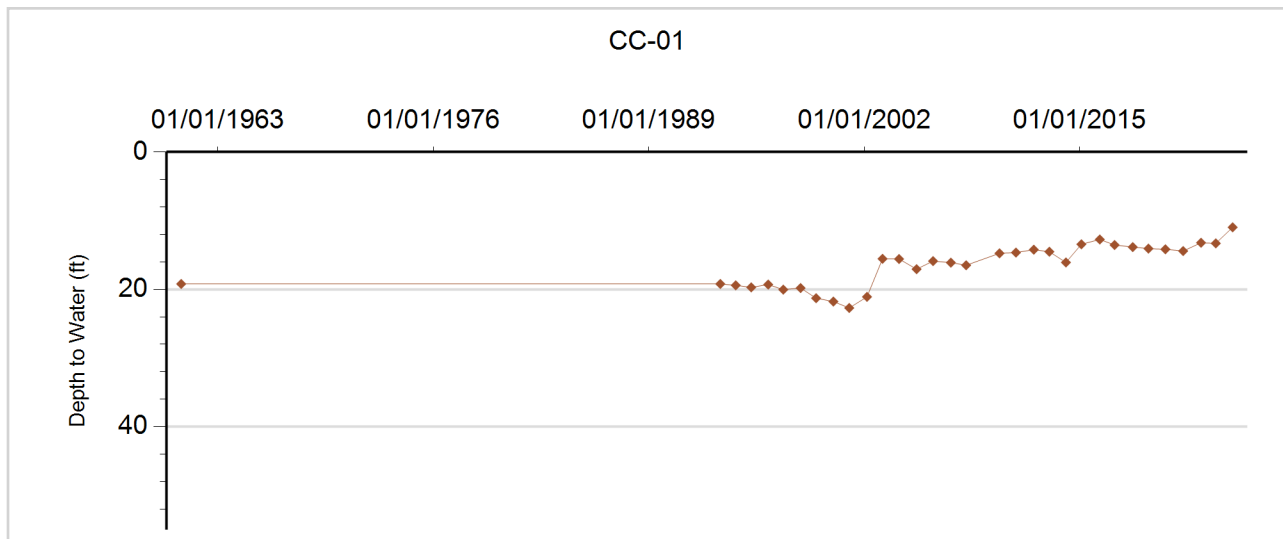
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/27/2024	10.95	4576.05	2.34
03/21/2023	13.29	4573.71	-0.09
04/30/2022	13.20	4573.80	1.21
04/02/2021	14.41	4572.59	-0.26
03/06/2020	14.15	4572.85	-0.10
02/26/2019	14.05	4572.95	-0.22
03/18/2018	13.83	4573.17	-0.30
02/10/2017	13.53	4573.47	-0.81
03/22/2016	12.72	4574.28	0.70
02/09/2015	13.42	4573.58	2.65

Construction Information

Surface Elevation (ft): 4587
Well Depth (ft): 55
Depth to Base of Grout (ft):
Depth to Top of Perforated Casing (ft): 25
Depth to Bottom of Perforated Casing (ft): 55
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 10/17/1960 **End Date:** 03/27/2024
Number of Measurements: 32





GROUNDWATER DETAILS

Well Name: CC-02
Permit Number: 2297-F
WDID:
Data Source: DWR

Location Number: SB00205411ACC
USGS Site ID:
Applicant/Contact: MARGARET GROOMS

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3091 S	2742 W	SW	SW	NE	11	2.0 N	54.0 W	S	637345.0	4446264.5	GPS

Division: 1 **District:** 1
County: WASHINGTON
Designated Basin: CAMP CREEK
Management District:

Ten Most Recent Readings

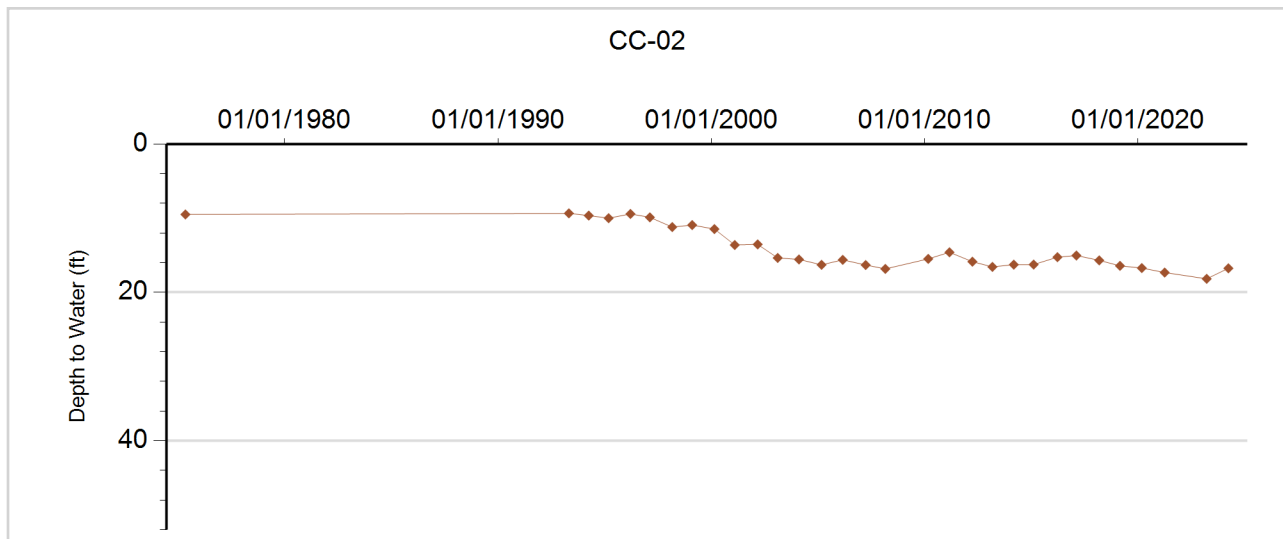
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/27/2024	16.76	4465.24	1.42
03/21/2023	18.18	4463.82	-0.85
04/02/2021	17.33	4464.67	-0.60
03/06/2020	16.73	4465.27	-0.30
02/26/2019	16.43	4465.57	-0.74
03/08/2018	15.69	4466.31	-0.65
02/10/2017	15.04	4466.96	0.22
03/22/2016	15.26	4466.74	1.00
02/09/2015	16.26	4465.74	0.01
03/06/2014	16.27	4465.73	0.30

Construction Information

Surface Elevation (ft): 4482
Well Depth (ft): 52
Depth to Base of Grout (ft): 10
Depth to Top of Perforated Casing (ft): 13
Depth to Bottom of Perforated Casing (ft): 52
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 05/10/1975 **End Date:** 03/27/2024
Number of Measurements: 31





GROUNDWATER DETAILS

Well Name: CC-03
Permit Number: 20791-F
WDID:
Data Source: DWR

Location Number: SB00205409DAD
USGS Site ID:
Applicant/Contact: ED BASLER

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3616 N	674 E	SE	NE	SE	9	2.0 N	54.0 W	S	634691.0	4445757.5	GPS

Division: 1 **District:** 1
County: WASHINGTON
Designated Basin: CAMP CREEK
Management District:

Ten Most Recent Readings

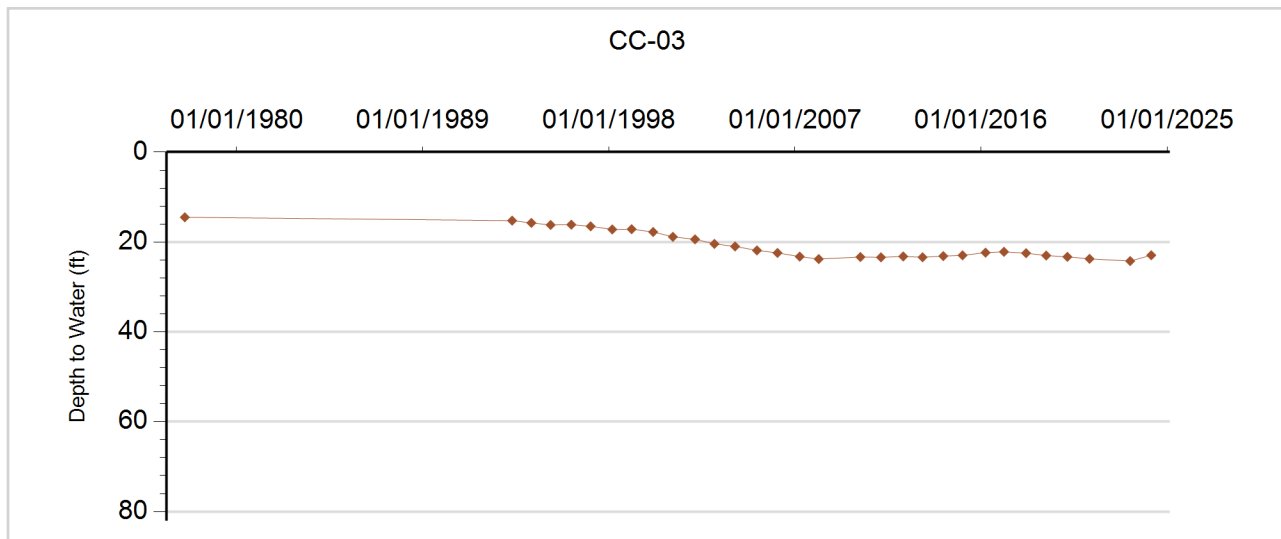
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/27/2024	22.95	4427.05	1.29
03/21/2023	24.24	4425.76	-0.49
04/02/2021	23.75	4426.25	-0.45
03/06/2020	23.30	4426.70	-0.29
02/26/2019	23.01	4426.99	-0.53
03/08/2018	22.48	4427.52	-0.30
02/10/2017	22.18	4427.82	0.19
03/22/2016	22.37	4427.63	0.59
02/09/2015	22.96	4427.04	0.17
03/06/2014	23.13	4426.87	0.26

Construction Information

Surface Elevation (ft): 4450
Well Depth (ft): 82
Depth to Base of Grout (ft): 10
Depth to Top of Perforated Casing (ft): 30
Depth to Bottom of Perforated Casing (ft): 82
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 07/01/1977 **End Date:** 03/27/2024
Number of Measurements: 31





GROUNDWATER DETAILS

Well Name: CC-04
Permit Number: 19358-FP
WDID:
Data Source: DWR

Location Number: SB00205404DDB
USGS Site ID:
Applicant/Contact: SPENCE RULE

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
929 S	4006 W	NW	SW	SE	4	2.0 N	54.0 W	S	634443.1	4447137.5	GPS

Division: 1 **District:** 1
County: WASHINGTON
Designated Basin: CAMP CREEK
Management District:

Ten Most Recent Readings

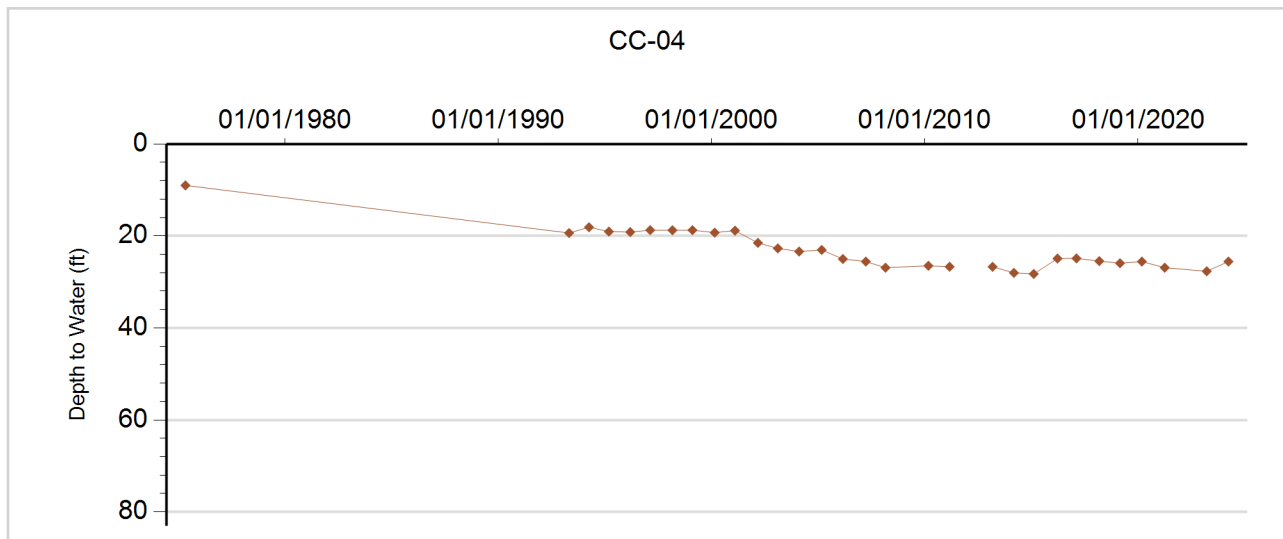
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/27/2024	25.56	4416.44	2.11
03/21/2023	27.67	4414.33	-0.77
04/02/2021	26.90	4415.10	-1.33
03/06/2020	25.57	4416.43	0.35
02/26/2019	25.92	4416.08	-0.46
03/08/2018	25.46	4416.54	-0.58
02/10/2017	24.88	4417.12	0.03
03/22/2016	24.91	4417.09	3.35
02/09/2015	28.26	4413.74	-0.24
03/06/2014	28.02	4413.98	-1.31

Construction Information

Surface Elevation (ft): 4442
Well Depth (ft): 83
Depth to Base of Grout (ft): 10
Depth to Top of Perforated Casing (ft): 33
Depth to Bottom of Perforated Casing (ft): 83
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 05/02/1975 **End Date:** 03/27/2024
Number of Measurements: 31





GROUNDWATER DETAILS

Well Name: CC-05
Permit Number: 25969-FP
WDID:
Data Source: DWR

Location Number: SB00205405ABB
USGS Site ID:
Applicant/Contact: SPENCE RULE

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
14 N	3961 W	NW	NW	NE	5	2.0 N	54.0 W	S	632777.1	4448422.5	GPS

Division: 1 **District:** 1
County: WASHINGTON
Designated Basin: CAMP CREEK
Management District:

Ten Most Recent Readings

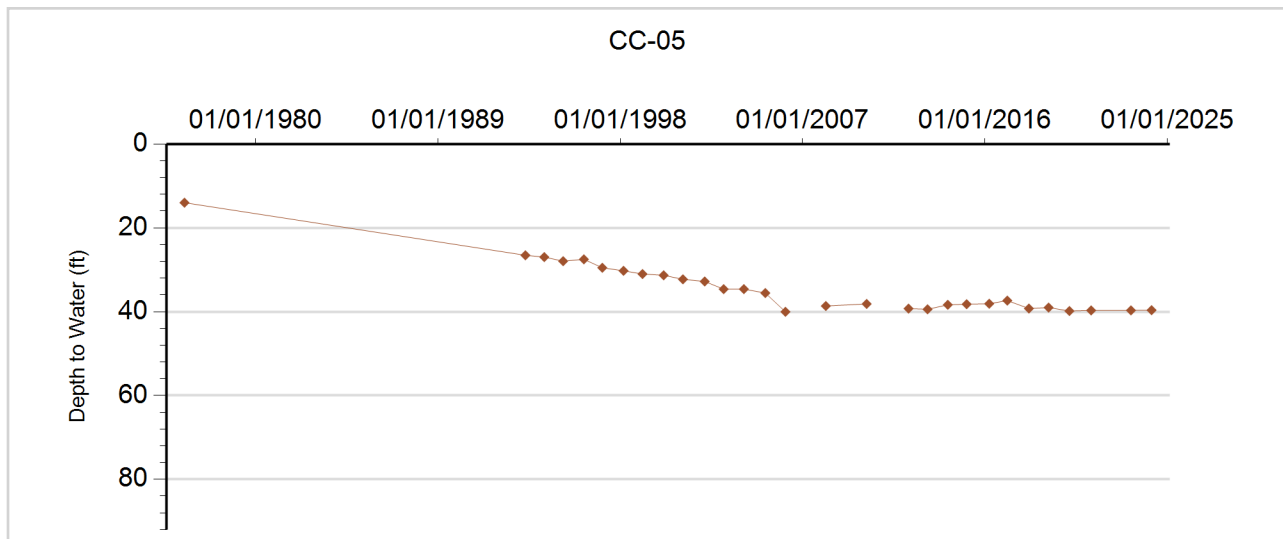
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/27/2024	39.64	4374.36	0.05
03/21/2023	39.69	4374.31	0.01
04/02/2021	39.70	4374.30	0.14
03/06/2020	39.84	4374.16	-0.82
02/26/2019	39.02	4374.98	0.23
03/08/2018	39.25	4374.75	-1.89
02/10/2017	37.36	4376.64	0.74
03/22/2016	38.10	4375.90	0.12
02/09/2015	38.22	4375.78	0.14
03/06/2014	38.36	4375.64	1.07

Construction Information

Surface Elevation (ft): 4414
Well Depth (ft): 92
Depth to Base of Grout (ft): 10
Depth to Top of Perforated Casing (ft): 26
Depth to Bottom of Perforated Casing (ft): 91
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 06/29/1976 **End Date:** 03/27/2024
Number of Measurements: 31





GROUNDWATER DETAILS

Well Name: CC-06
Permit Number: 19966-FP
WDID:
Data Source: DWR

Location Number: SB00305429BAA
USGS Site ID:
Applicant/Contact: SPENCE RULE

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
92 N	3085 E	NE	NE	NW	29	3.0 N	54.0 W	S	632220.9	4451614.0	GPS

Division: 1 **District:** 1
County: WASHINGTON
Designated Basin: CAMP CREEK
Management District:

Ten Most Recent Readings

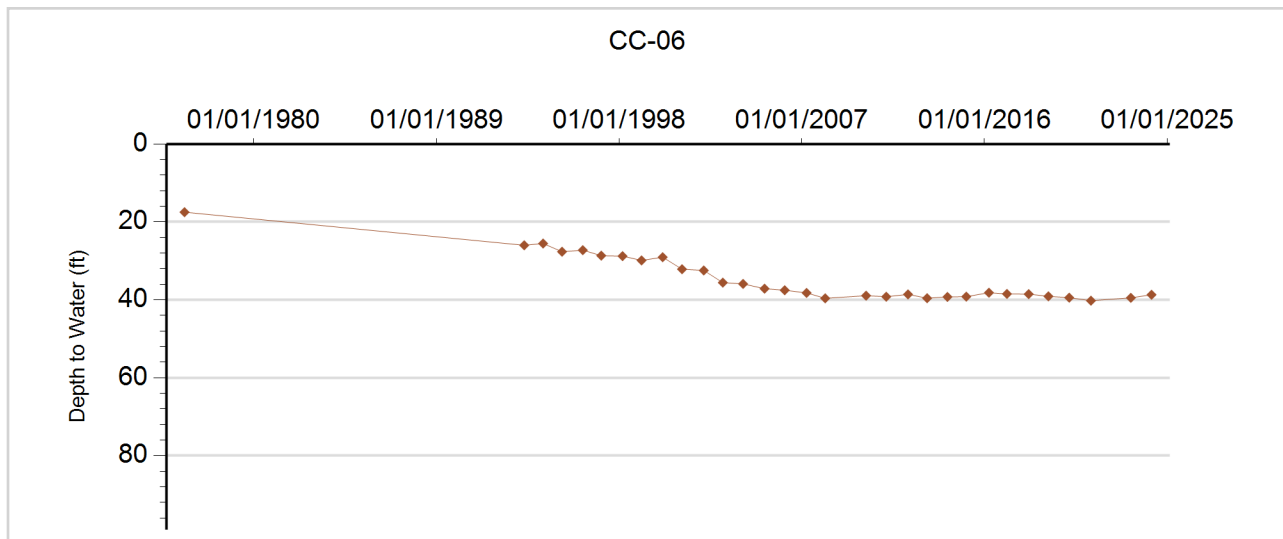
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/27/2024	38.70	4350.30	0.79
03/21/2023	39.49	4349.51	0.73
04/02/2021	40.22	4348.78	-0.77
03/06/2020	39.45	4349.55	-0.35
02/26/2019	39.10	4349.90	-0.56
03/08/2018	38.54	4350.46	-0.05
02/10/2017	38.49	4350.51	-0.31
03/22/2016	38.18	4350.82	1.00
02/09/2015	39.18	4349.82	0.08
03/06/2014	39.26	4349.74	0.33

Construction Information

Surface Elevation (ft): 4389
Well Depth (ft): 99
Depth to Base of Grout (ft): 10
Depth to Top of Perforated Casing (ft): 34
Depth to Bottom of Perforated Casing (ft): 99
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 08/02/1976 **End Date:** 03/27/2024
Number of Measurements: 31





GROUNDWATER DETAILS

Well Name: CC-07
Permit Number: 21077-S
WDID: 0108742
Data Source: DWR

Location Number: SB00305418DCC
USGS Site ID:
Applicant/Contact: VAUGHEY & VAUGHEY

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
356 S	3092 W	SW	SW	SE	18	3.0 N	54.0 W	S	630893.0	4453342.0	GPS

Division: 1 **District:** 1
County: WASHINGTON
Designated Basin: CAMP CREEK
Management District:

Ten Most Recent Readings

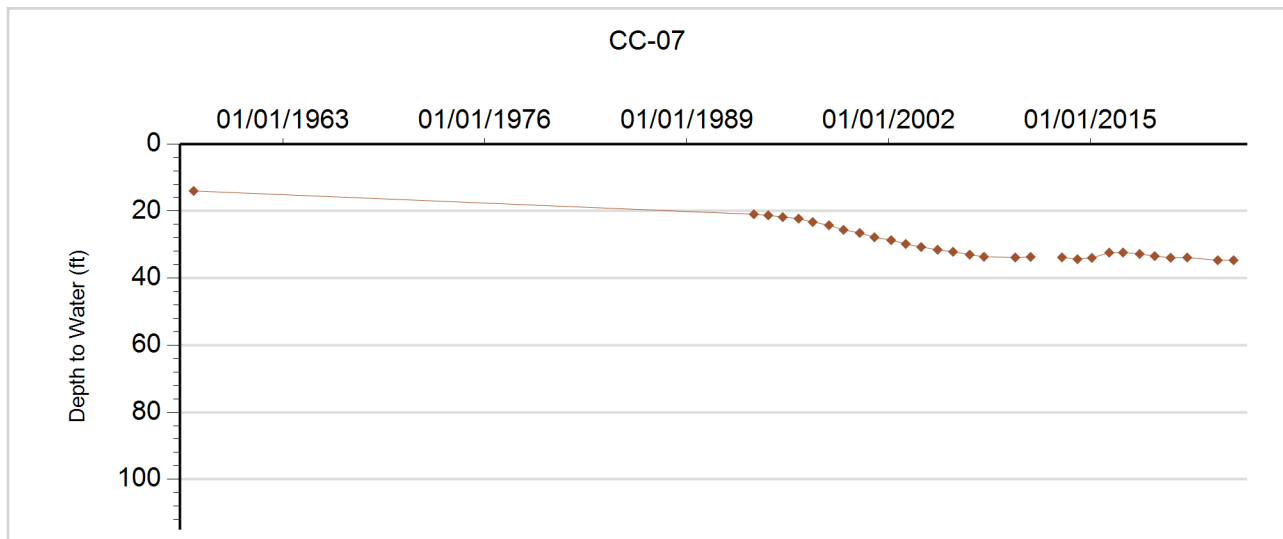
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/27/2024	34.67	4340.33	0.00
03/21/2023	34.67	4340.33	-0.82
04/02/2021	33.85	4341.15	0.07
03/06/2020	33.92	4341.08	-0.48
02/26/2019	33.44	4341.56	-0.65
03/08/2018	32.79	4342.21	-0.43
02/10/2017	32.36	4342.64	0.04
03/22/2016	32.40	4342.60	1.56
02/09/2015	33.96	4341.04	0.39
03/06/2014	34.35	4340.65	-0.54

Construction Information

Surface Elevation (ft): 4375
Well Depth (ft): 115
Depth to Base of Grout (ft):
Depth to Top of Perforated Casing (ft): 35
Depth to Bottom of Perforated Casing (ft): 115
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 03/28/1957 **End Date:** 03/27/2024
Number of Measurements: 31





GROUNDWATER DETAILS

Well Name: CC-08
Permit Number: 21958-FP
WDID:
Data Source: DWR

Location Number: SB00305421CBB
USGS Site ID:
Applicant/Contact: SPENCE RULE

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3531 N	416 W	NW	NW	SW	21	3.0 N	54.0 W	S	633275.9	4452217.0	GPS

Division: 1 **District:** 1
County: WASHINGTON
Designated Basin: CAMP CREEK
Management District:

Ten Most Recent Readings

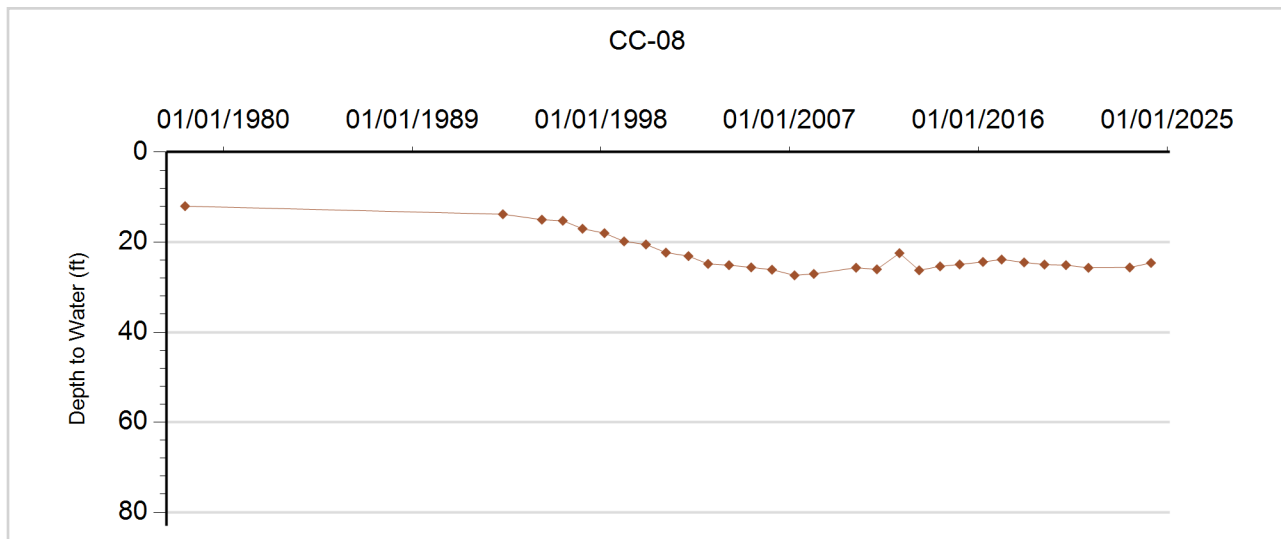
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/27/2024	24.61	4358.39	1.02
03/21/2023	25.63	4357.37	0.07
04/02/2021	25.70	4357.30	-0.60
03/06/2020	25.10	4357.90	-0.12
02/26/2019	24.98	4358.02	-0.48
03/08/2018	24.50	4358.50	-0.64
02/10/2017	23.86	4359.14	0.53
03/22/2016	24.39	4358.61	0.56
02/09/2015	24.95	4358.05	0.43
03/06/2014	25.38	4357.62	0.87

Construction Information

Surface Elevation (ft): 4383
Well Depth (ft): 83
Depth to Base of Grout (ft):
Depth to Top of Perforated Casing (ft): 27
Depth to Bottom of Perforated Casing (ft): 83
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 03/04/1978 **End Date:** 03/27/2024
Number of Measurements: 30





GROUNDWATER DETAILS

Well Name: CC-09
Permit Number: 15356-FP
WDID:
Data Source: DWR

Location Number: SB00305417BCC
USGS Site ID:
Applicant/Contact: SPENCE RULE

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2990 S	719 W	SW	SW	NW	17	3.0 N	54.0 W	S	631702.0	4454182.0	GPS

Division: 1 **District:** 1
County: WASHINGTON
Designated Basin: CAMP CREEK
Management District:

Ten Most Recent Readings

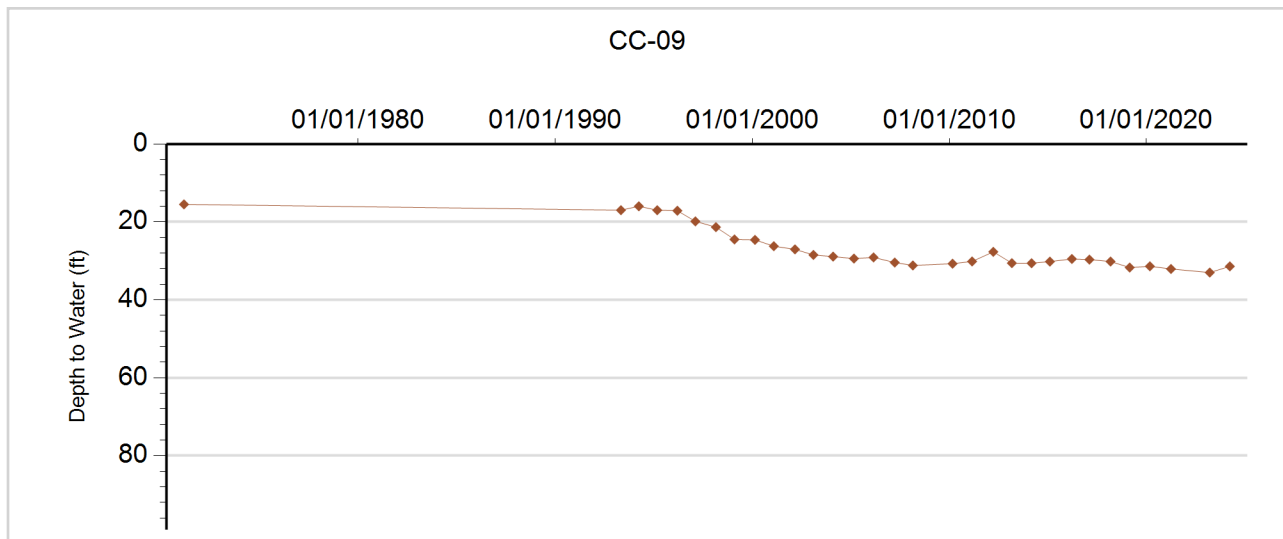
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/27/2024	31.42	4334.58	1.58
03/21/2023	33.00	4333.00	-0.92
04/02/2021	32.08	4333.92	-0.68
03/06/2020	31.40	4334.60	0.31
02/26/2019	31.71	4334.29	-1.54
03/08/2018	30.17	4335.83	-0.49
02/10/2017	29.68	4336.32	-0.17
03/22/2016	29.51	4336.49	0.68
02/09/2015	30.19	4335.81	0.41
03/06/2014	30.60	4335.40	-0.02

Construction Information

Surface Elevation (ft): 4366
Well Depth (ft): 99
Depth to Base of Grout (ft): 10
Depth to Top of Perforated Casing (ft): 34
Depth to Bottom of Perforated Casing (ft): 99
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 03/08/1971 **End Date:** 03/27/2024
Number of Measurements: 31





GROUNDWATER DETAILS

Well Name: CC-10
Permit Number: 21217-F
WDID:
Data Source: DWR

Location Number: SB00305407BBB
USGS Site ID:
Applicant/Contact: HARRY BOLINGER

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
23 S	59 W	NW	SW	SW	6	3.0 N	54.0 W	S	629969.1	4456400.4	GPS

Division: 1 District: 1
County: WASHINGTON
Designated Basin: CAMP CREEK
Management District:

Ten Most Recent Readings

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/27/2024	34.36	4293.64	
03/06/2020			
02/26/2019			
03/08/2018			
02/10/2017			
03/22/2016			
02/09/2015	31.58	4296.42	1.11
03/07/2014	32.69	4295.31	0.00
03/06/2014	32.69	4295.31	-0.37
03/06/2013	32.32	4295.68	-2.35

Construction Information

Surface Elevation (ft): 4328
Well Depth (ft): 126
Depth to Base of Grout (ft): 10
Depth to Top of Perforated Casing (ft): 41
Depth to Bottom of Perforated Casing (ft): 126
Source Aquifer(s): ALLUVIAL

Well Measurement Summary

Start Date: 08/31/1976 End Date: 03/27/2024
Number of Measurements: 30

