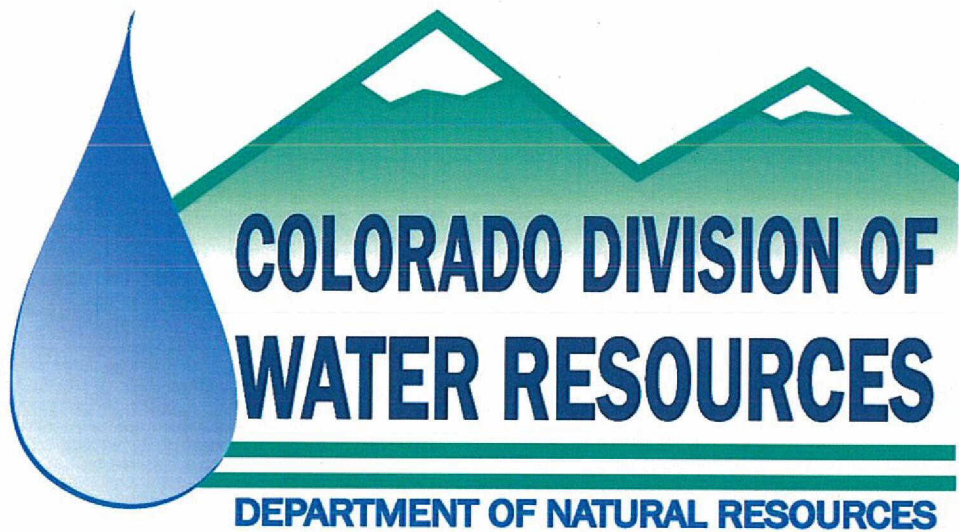


**GROUND WATER LEVELS
CAMP CREEK
DESIGNATED GROUND WATER BASIN**

2011



**By
Michael P Schaub**

**John W. Hickenlooper
Governor**

**Mike King
Executive Director**

**Dick Wolfe
State Engineer**

**Dave McElhaney
Project Manager**

CAMP CREEK DESIGNATED GROUND WATER BASIN 2011

This report contains the basic ground water level data collected in the Camp Creek Designated Ground Water Basin during the period from April 1993 through March 2011. Pre-1993 water level information has also been included where available. The pre-1993 data is generally taken from well completion reports or pump installation reports submitted by drilling or pump installation contractors at the time the well was constructed or a permanent pump installed.

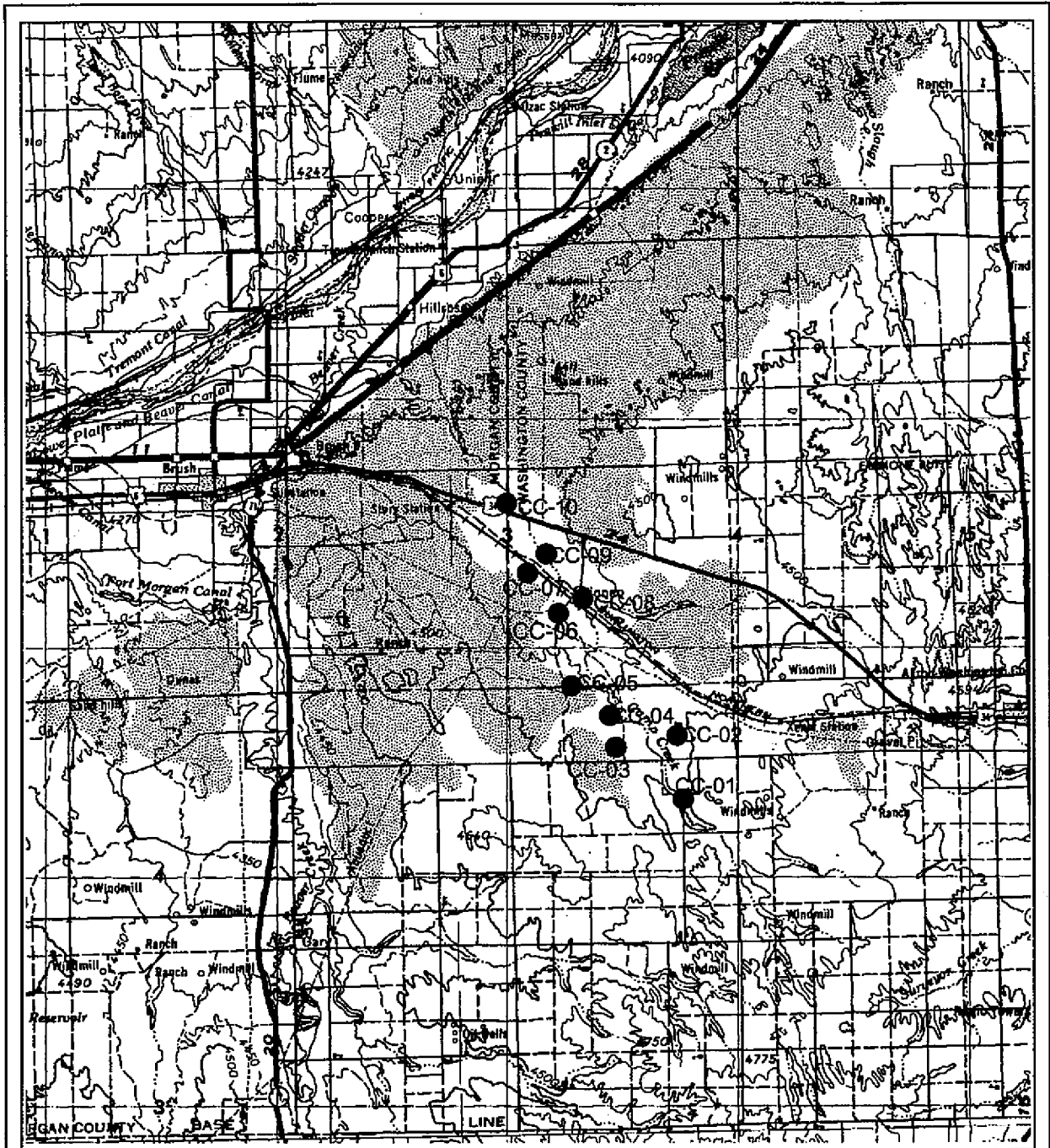
Acquisition and publication of this information is a cooperative effort between the Colorado Ground Water Commission and the Colorado Division of Water Resources. The project is part of a statewide ground water level-monitoring program funded by Senate Bill 200 (1987 legislative session). This legislation directed that a portion of the fees collected for water well permit applications be used for the establishment of a program to monitor water level trends throughout the state.

Water level data and hydrographs from ten wells located in the Camp Creek Designated Ground Water Basin in Washington County are presented in this report. The 2011 water level measurements in these wells were made on March 1, 2011. All of the Camp Creek wells monitored are located in Townships 2 and 3 North, Range 54 West of the 6th P.M. A map is included with this report showing the locations of the wells.

On average, ground water levels in wells measured by the Division of Water Resources were up 0.07 feet from 2010. Ground water levels in wells declined by 0.74 feet over the last five-year period and have declined by 3.34 feet over the last ten-year period.

Copies of the report can be purchased from the Office of the State Engineer, Records Section, 1313 Sherman St., Room 821, Denver, CO 80203, (303) 866-3581. Additionally, this data may be accessed on the internet at the Colorado Decision Support System website <http://cdss.state.co.us> and can be exported to a number of different formats.

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Location of Monitoring Wells
Camp Creek Designated Ground Water Basin

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CAMP CREEK

Well Name: CAMP CREEK - 10

Permit #: 21217 - F - Location #: SB00305407BBB USGS Site ID:

Division: 1 Water District: 1 County: WASHINGTON
 Location: Q160 Q40 Q10 Section Township Range PM Distance from section lines:
 NW NW NW 7 3 N 54 W S From N/S line: 30 N From E/W line: 90 W

UTM Coordinates (NAD83): Northing (UTM y): 4456400.4 Easting (UTM x): 629969.1 GPS
 Latitude/Longitude (decimal degrees): 40.247974 -103.471883

Surface Elevation (ft): 4328 Owner: HARRY BOLINGER
 Well depth (ft): 126 Address:
 Aquifer(s): QUATERNARY ALLUVIUM

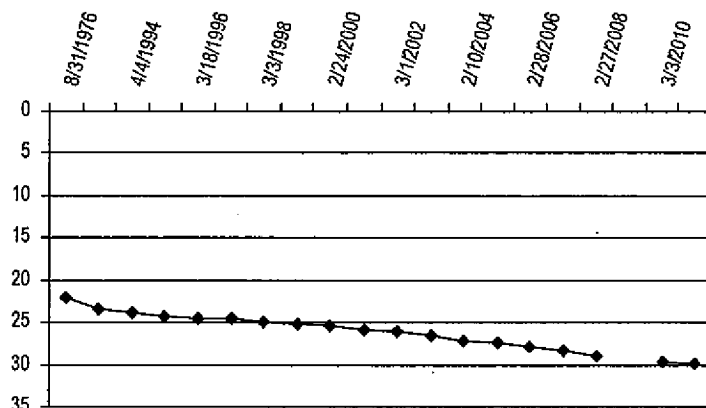
Water Level Measurements

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/31/1976	22.00	4306.00	
4/29/1993	23.43	4304.57	-1.43
4/4/1994	23.76	4304.24	-0.33
3/10/1995	24.20	4303.80	-0.44
3/18/1996	24.58	4303.42	-0.38
2/14/1997	24.60	4303.40	-0.02
3/3/1998	24.91	4303.09	-0.31
2/8/1999	25.09	4302.91	-0.18
2/24/2000	25.42	4302.58	-0.33
2/6/2001	25.81	4302.19	-0.39
3/1/2002	26.10	4301.90	-0.29
2/10/2003	26.43	4301.57	-0.33
2/10/2004	27.13	4300.87	-0.70
3/2/2005	27.39	4300.61	-0.26
2/28/2006	27.84	4300.16	-0.45
3/28/2007	28.34	4299.66	-0.50
2/27/2008	29.02	4298.98	-0.68
1/1/2009			
3/3/2010	29.75	4298.25	
3/1/2011	29.96	4298.04	-0.21

Water Level Change

1 year: -0.21
 5 year: -2.12
 10 year: -4.15

All Measurements



CAMP CREEK

Well Name: CAMP CREEK - 9

Permit #: 15356 - F - Location #: SB00305417BCC USGS Site ID:
 Division: 1 Water District: 1 County: WASHINGTON
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW SW SW 17 3 N 54 W S From N/S line: 2500 N From E/W line: 620 W
 UTM Coordinates (NAD83): Northing (UTM y): 4454178.4 Easting (UTM x): 631687.1 GPS
 Latitude/Longitude (decimal degrees): 40.227694 -103.452147

Surface Elevation (ft): 4340 Owner: SPENCE RULE
 Well depth (ft): 99 Address: 600 WCR21
 Aquifer(s): QUATERNARY ALLUVIUM
 BRIGHTON, CO 80601 CO 80601

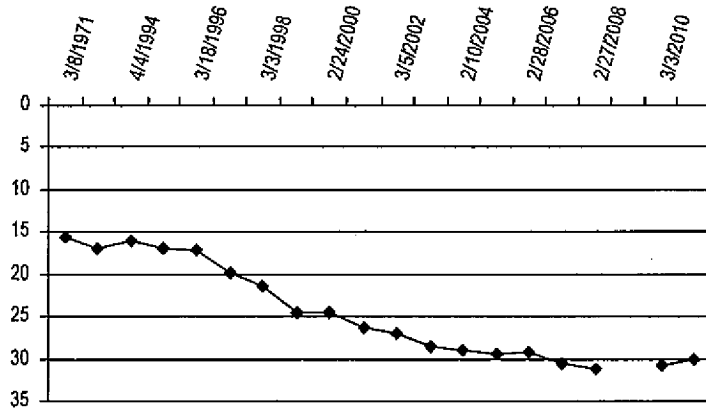
Water Level Measurements

Water Level Change

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/8/1971	15.50	4324.50	
5/7/1993	16.99	4323.01	-1.49
4/4/1994	15.99	4324.01	1.00
3/10/1995	17.00	4323.00	-1.01
3/18/1996	17.13	4322.87	-0.13
2/14/1997	19.87	4320.13	-2.74
3/3/1998	21.34	4318.66	-1.47
2/8/1999	24.50	4315.50	-3.16
2/24/2000	24.61	4315.39	-0.11
2/6/2001	26.24	4313.76	-1.63
3/5/2002	27.05	4312.95	-0.81
2/10/2003	28.48	4311.52	-1.43
2/10/2004	28.91	4311.09	-0.43
3/2/2005	29.41	4310.59	-0.50
2/28/2006	29.11	4310.89	0.30
3/28/2007	30.43	4309.57	-1.32
2/27/2008	31.18	4308.82	-0.75
1/1/2009			
3/3/2010	30.73	4309.27	
3/1/2011	30.15	4309.85	0.58

1 year: 0.58
 5 year: -1.04
 10 year: -3.91

All Measurements



CAMP CREEK

Well Name: CAMP CREEK - 7

Permit #: 21077 - S - Location #: SB00305418DCC USGS Site ID:
 Division: 1 Water District: 1 County: WASHINGTON
 Location: Q160 Q40 Q10 Section Twship Range PM Distance from section lines:
 SE SW SW 18 3 N 54 W S From N/S line: 370 S From E/W line: 2040 E
 UTM Coordinates (NAD83): Northing (UTM y): 4453344.5 Easting (UTM x): 630876.1 GPS
 Latitude/Longitude (decimal degrees): 40.220310 -103.461846

Surface Elevation (ft): 4355 Owner: VAUGHEY & VAUGHEY
 Well depth (ft): 115 Address:
 Aquifer(s): QUATERNARY ALLUVIUM

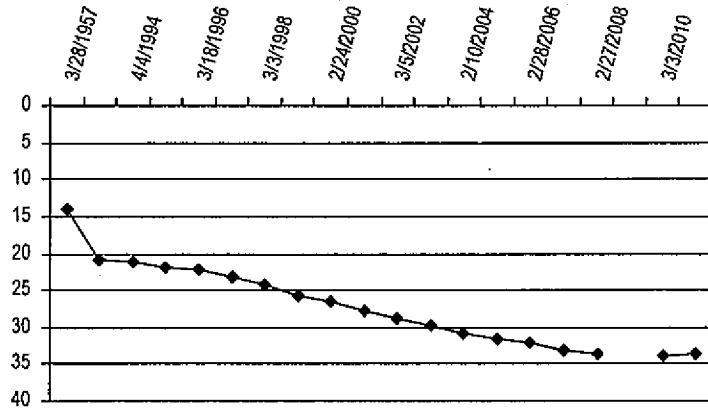
Water Level Measurements

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/28/1957	14.00	4341.00	
4/30/1993	20.95	4334.05	-6.95
4/4/1994	21.27	4333.73	-0.32
3/10/1995	21.80	4333.20	-0.53
3/18/1996	22.26	4332.74	-0.46
2/14/1997	23.28	4331.72	-1.02
3/3/1998	24.22	4330.78	-0.94
2/8/1999	25.61	4329.39	-1.39
2/24/2000	26.53	4328.47	-0.92
2/6/2001	27.81	4327.19	-1.28
3/5/2002	28.68	4326.32	-0.87
2/10/2003	29.81	4325.19	-1.13
2/10/2004	30.72	4324.28	-0.91
3/2/2005	31.54	4323.46	-0.82
2/28/2006	32.13	4322.87	-0.59
3/28/2007	33.00	4322.00	-0.87
2/27/2008	33.63	4321.37	-0.63
1/1/2009			
3/3/2010	33.84	4321.16	
3/1/2011	33.67	4321.33	0.17

Water Level Change

1 year: 0.17
 5 year: -1.54
 10 year: -5.86

All Measurements



CAMP CREEK

Well Name: CAMP CREEK - 8

Permit #: 21958 - F - Location #: SB00305421CBB USGS Site ID:

Division: 1 Water District: 1 County: WASHINGTON

Location: Q160 Q40 Q10 Section Twmshp Range PM Distance from section lines:
 SW NW NW 21 3 N 54 W S From N/S line: 1800 S From EW line: 420 W

UTM Coordinates (NAD83): Northing (UTM y): 4452214.5 Easting (UTM x): 633269.1 GPS

Latitude/Longitude (decimal degrees): 40.209756 -103.433966

Surface Elevation (ft): 4363 Owner: SPENCE RULE

Well depth (ft): 83 Address: 600 WCR21

Aquifer(s): QUATERNARY ALLUVIUM
 BRIGHTON, CO 80601 CO 80601

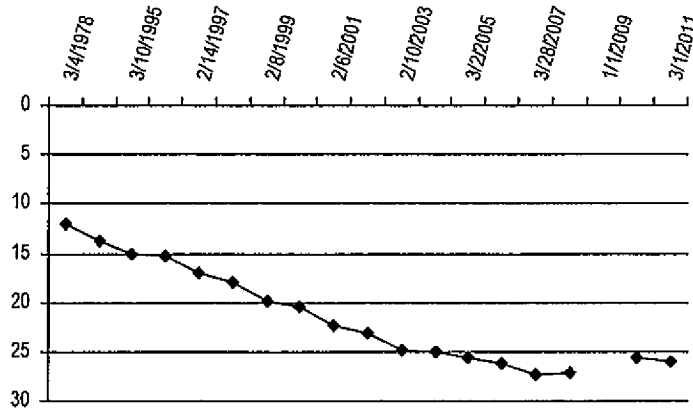
Water Level Measurements

Water Level Change

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1978	12.00	4351.00	
4/30/1993	13.80	4349.20	-1.80
3/10/1995	15.00	4348.00	-1.20
3/8/1996	15.24	4347.76	-0.24
2/14/1997	17.02	4345.98	-1.78
3/3/1998	18.00	4345.00	-0.98
2/8/1999	19.83	4343.17	-1.83
2/24/2000	20.51	4342.49	-0.68
2/6/2001	22.32	4340.68	-1.81
3/5/2002	23.09	4339.91	-0.77
2/10/2003	24.84	4338.16	-1.75
2/10/2004	25.11	4337.89	-0.27
3/2/2005	25.60	4337.40	-0.49
2/28/2006	26.12	4336.88	-0.52
3/28/2007	27.37	4335.63	-1.25
2/27/2008	27.05	4335.95	0.32
1/1/2009			
3/3/2010	25.68	4337.32	
3/1/2011	26.04	4336.96	-0.36

1 year: -0.36
 5 year: 0.08
 10 year: -3.72

All Measurements



CAMP CREEK

Well Name: CAMP CREEK - 6

Permit #: 19966 - F - Location #: SB00305429BAA USGS Site ID:

Division: 1 Water District: 1 County: WASHINGTON

Location: Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:
 NW NE NE 29 3 N 54 W S From N/S line: 110 N From E/W line: 2290 W

UTM Coordinates (NAD83): Northing (UTM y): 4451589.5 Easting (UTM x): 632211.1 GPS

Latitude/Longitude (decimal degrees): 40.204295 -103.446522

Surface Elevation (ft): 4370 Owner: SPENCE RULE
 Well depth (ft): 99 Address: 600 WELD COUNTY ROAD 21
 Aquifer(s): QUATERNARY ALLUVIUM

BRIGHTON, CO 80603 CO 80603

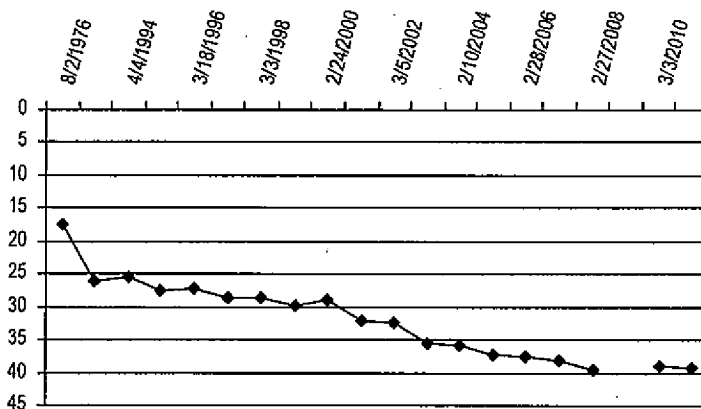
Water Level Measurements

Water Level Change

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/2/1976	17.50	4352.50	
4/29/1993	26.00	4344.00	-8.50
4/4/1994	25.55	4344.45	0.45
3/10/1995	27.65	4342.35	-2.10
3/18/1996	27.25	4342.75	0.40
2/14/1997	28.66	4341.34	-1.41
3/3/1998	28.79	4341.21	-0.13
2/8/1999	29.88	4340.12	-1.09
2/24/2000	29.06	4340.94	0.82
2/6/2001	32.15	4337.85	-3.09
3/5/2002	32.46	4337.54	-0.31
2/10/2003	35.59	4334.41	-3.13
2/10/2004	35.92	4334.08	-0.33
3/2/2005	37.14	4332.86	-1.22
2/28/2006	37.54	4332.46	-0.40
3/28/2007	38.23	4331.77	-0.69
2/27/2008	39.62	4330.38	-1.39
1/1/2009			
3/3/2010	38.94	4331.06	
3/1/2011	39.20	4330.80	-0.26

1 year: -0.26
5 year: -1.66
10 year: -7.05

All Measurements



CAMP CREEK

Well Name: CAMP CREEK - 5

Permit #: 25969 - F - Location #: SB00205405ABB USGS Site ID:

Division: 1 Water District: 1 County: WASHINGTON
 Location: Q160 Q40 Q10 Section Twship Range PM Distance from section lines:
 NE NW NW 5 2 N 54 W S From N/S line: 20 N From E/W line: 1310 E

UTM Coordinates (NAD83): Northing (UTM y): 4448422.5 Easting (UTM x): 632777.1 GPS
 Latitude/Longitude (decimal degrees): 40.175683 -103.440528

Surface Elevation (ft): 4405 Owner: SPENCE RULE
 Well depth (ft): 92 Address: 600 WELD COUNTY ROAD 21
 Aquifer(s): QUATERNARY ALLUVIUM BRIGHTON, CO 80603 CO 80603

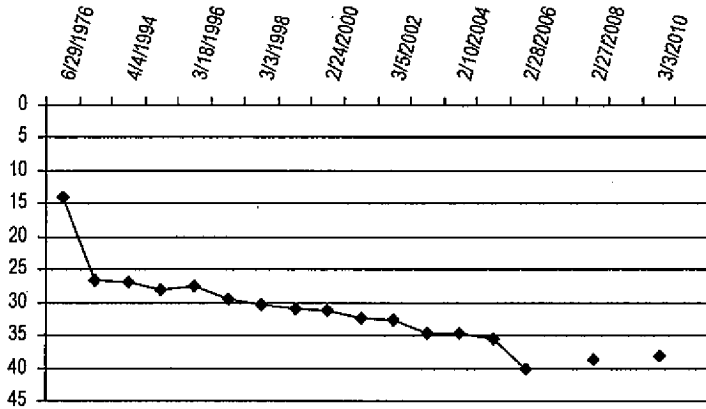
Water Level Measurements

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
6/29/1976	14.00	4391.00	
4/29/1993	26.55	4378.45	-12.55
4/4/1994	26.98	4378.02	-0.43
3/10/1995	27.95	4377.05	-0.97
3/18/1996	27.51	4377.49	0.44
2/14/1997	29.53	4375.47	-2.02
3/3/1998	30.25	4374.75	-0.72
2/8/1999	31.02	4373.98	-0.77
2/24/2000	31.32	4373.68	-0.30
2/6/2001	32.28	4372.72	-0.96
3/5/2002	32.79	4372.21	-0.51
2/10/2003	34.63	4370.37	-1.84
2/10/2004	34.62	4370.38	0.01
3/2/2005	35.55	4369.45	-0.93
2/28/2006	40.03	4364.97	-4.48
3/28/2007			
2/27/2008	38.65	4366.35	
1/1/2009			
3/3/2010	38.15	4366.85	
3/1/2011			

Water Level Change

1 year:
5 year:
10 year:

All Measurements



CAMP CREEK

Well Name: CAMP CREEK - 4

Permit #: 19358 - F - Location #: SB00205404DDB USGS Site ID:
 Division: 1 Water District: 1 County: WASHINGTON
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SE SE NW 4 2 N 54 W S From N/S line: 930 S From E/W line: 1310 E
 UTM Coordinates (NAD83): Northing (UTM y): 4447137.5 Easting (UTM x): 634443.1 GPS
 Latitude/Longitude (decimal degrees): 40.163845 -103.421236

Surface Elevation (ft): 4420 Owner: SPENCE RULE
 Well depth (ft): 83 Address:
 Aquifer(s): QUATERNARY ALLUVIUM

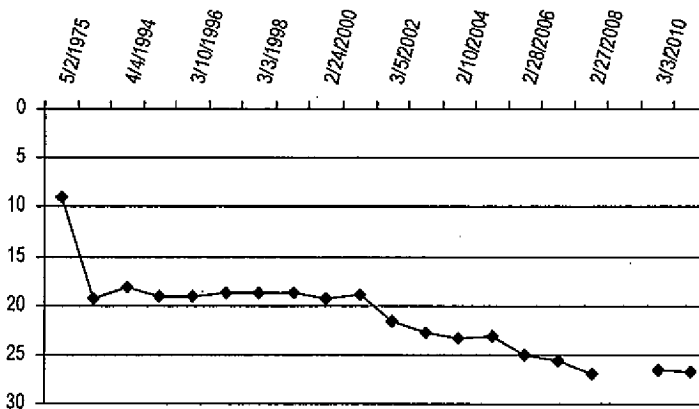
Water Level Measurements

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
5/2/1975	9.00	4411.00	
4/27/1993	19.35	4400.65	-10.35
4/4/1994	18.10	4401.90	1.25
3/10/1995	19.05	4400.95	-0.95
3/10/1996	19.15	4400.85	-0.10
2/14/1997	18.73	4401.27	0.42
3/3/1998	18.75	4401.25	-0.02
2/8/1999	18.73	4401.27	0.02
2/24/2000	19.27	4400.73	-0.54
2/6/2001	18.84	4401.16	0.43
3/5/2002	21.50	4398.50	-2.66
2/10/2003	22.70	4397.30	-1.20
2/10/2004	23.38	4396.62	-0.68
3/2/2005	23.03	4396.97	0.35
2/28/2006	25.01	4394.99	-1.98
3/28/2007	25.57	4394.43	-0.56
2/27/2008	26.90	4393.10	-1.33
1/1/2009			
3/3/2010	26.48	4393.52	
3/1/2011	26.69	4393.31	-0.21

Water Level Change

1 year: -0.21
 5 year: -1.68
 10 year: -7.85

All Measurements



CAMP CREEK

Well Name: CAMP CREEK - 2

Permit #: 2297 - F - Location #: SB00205411ACC USGS Site ID:
 Division: 1 Water District: 1 County: WASHINGTON
 Location: Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:
 NE SW SW 11 2 N 54 W S From N/S line: 2140 N From E/W line: 2550 E
 UTM Coordinates (NAD83): Northing (UTM y): 4446264.5 Easting (UTM x): 637345.0 GPS
 Latitude/Longitude (decimal degrees): 40.155513 -103.387357

Surface Elevation (ft): 4470 Owner: MARGARET GROOMS
 Well depth (ft): 52 Address:
 Aquifer(s): QUATERNARY ALLUVIUM

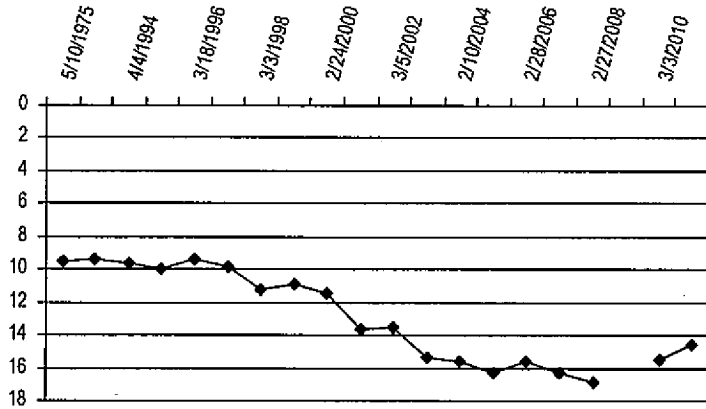
Water Level Measurements

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
5/10/1975	9.50	4460.50	
4/29/1993	9.35	4460.65	0.15
4/4/1994	9.65	4460.35	-0.30
3/10/1995	10.00	4460.00	-0.35
3/18/1996	9.43	4460.57	0.57
2/14/1997	9.89	4460.11	-0.46
3/3/1998	11.20	4458.80	-1.31
2/8/1999	10.93	4459.07	0.27
2/24/2000	11.47	4458.53	-0.54
2/6/2001	13.62	4456.38	-2.15
3/5/2002	13.54	4456.46	0.08
2/10/2003	15.36	4454.64	-1.82
2/10/2004	15.57	4454.43	-0.21
3/2/2005	16.29	4453.71	-0.72
2/28/2006	15.62	4454.38	0.67
3/28/2007	16.32	4453.68	-0.70
2/27/2008	16.84	4453.16	-0.52
1/1/2009			
3/3/2010	15.49	4454.51	
3/1/2011	14.60	4455.40	0.89

Water Level Change

1 year: 0.89
5 year: 1.02
10 year: -0.98

All Measurements



CAMP CREEK

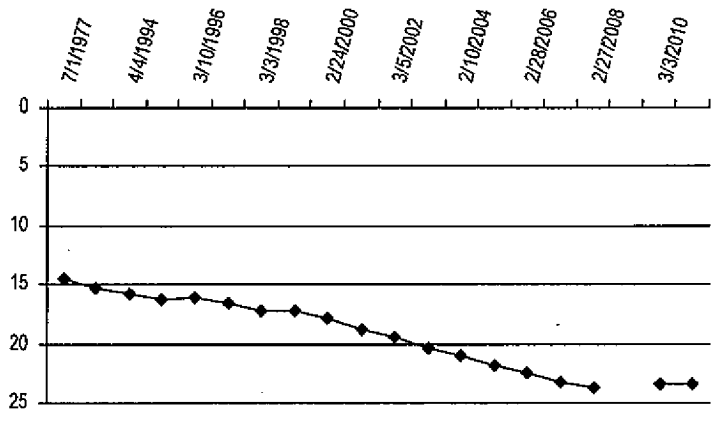
Well Name: CAMP CREEK - 3
Permit #: 20791 - F - **Location #:** SB00205409DAD **USGS Site ID:**
Division: 1 **Water District:** 1 **County:** WASHINGTON
Location: Q160 Q40 Q10 Section Twshp Range PM Distance from section lines:
 SE NE SE 9 2 N 54 W S From N/S line: 1690 S From E/W line: 680 E
UTM Coordinates (NAD83): Northing (UTM y): 4445757.5 Easting (UTM x): 634691.0 GPS
Latitude/Longitude (decimal degrees): 40.151377 -103.418613
Surface Elevation (ft): 4435 **Owner:** ED BASLER
Well depth (ft): 82 **Address:** 15656 CR40
Aquifer(s): QUATERNARY ALLUVIUM
 AKRON, CO 80720 CO 80720

Water Level Measurements

Water Level Change
1 year: -0.07
5 year: -0.98
10 year: -4.56

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
7/1/1977	14.50	4420.50	
4/29/1993	15.24	4419.76	-0.74
4/4/1994	15.75	4419.25	-0.51
3/10/1995	16.20	4418.80	-0.45
3/10/1996	16.14	4418.86	0.06
2/14/1997	16.50	4418.50	-0.36
3/3/1998	17.20	4417.80	-0.70
2/8/1999	17.15	4417.85	0.05
2/24/2000	17.77	4417.23	-0.62
2/6/2001	18.85	4416.15	-1.08
3/5/2002	19.40	4415.60	-0.55
2/10/2003	20.42	4414.58	-1.02
2/10/2004	20.99	4414.01	-0.57
3/2/2005	21.87	4413.13	-0.88
2/28/2006	22.43	4412.57	-0.56
3/28/2007	23.25	4411.75	-0.82
2/27/2008	23.79	4411.21	-0.54
1/1/2009			
3/3/2010	23.34	4411.66	
3/1/2011	23.41	4411.59	-0.07

All Measurements



CAMP CREEK

Well Name: CAMP CREEK - 1
Permit #: 2804 - F - **Location #:** SB00205423ABB **USGS Site ID:**
Division: 1 **Water District:** 1 **County:** WASHINGTON
Location: Q160 Q40 Q10 Section: Twnshp Range PM Distance from section lines:
 NE NW NW 23 2 N 54 W S From N/S line: 720 N From E/W line: 2000 E
UTM Coordinates (NAD83): Northing (UTM y): 4443506.5 Easting (UTM x): 637601.0 GPS
Latitude/Longitude (decimal degrees): 40.130633 -103.384941
Surface Elevation (ft): 4585 **Owner:** LEO & MARY ANN BASLER
Well depth (ft): 53 **Address:** 361 ITEA AVE
Aquifer(s): QUATERNARY ALLUVIUM **AKRON, CO 80720 CO 80720**

Water Level Measurements

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
10/17/1960	19.20	4565.80	
4/29/1993	19.20	4565.80	0.00
4/4/1994	19.40	4565.60	-0.20
3/10/1995	19.70	4565.30	-0.30
3/18/1996	19.29	4565.71	0.41
2/14/1997	20.03	4564.97	-0.74
3/3/1998	19.80	4565.20	0.23
2/8/1999	21.28	4563.72	-1.48
2/24/2000	21.77	4563.23	-0.49
2/6/2001	22.70	4562.30	-0.93
3/5/2002	21.08	4563.92	1.62
2/10/2003	15.54	4569.46	5.54
2/10/2004	15.57	4569.43	-0.03
3/1/2005	17.05	4567.95	-1.48
2/28/2006	15.87	4569.13	1.18
3/28/2007	16.10	4568.90	-0.23
2/27/2008	16.48	4568.52	-0.38
1/1/2009			
3/3/2010	14.74	4570.26	
3/1/2011	14.63	4570.37	0.11

Water Level Change

1 year: 0.11
5 year: 1.24
10 year: 8.07

All Measurements

