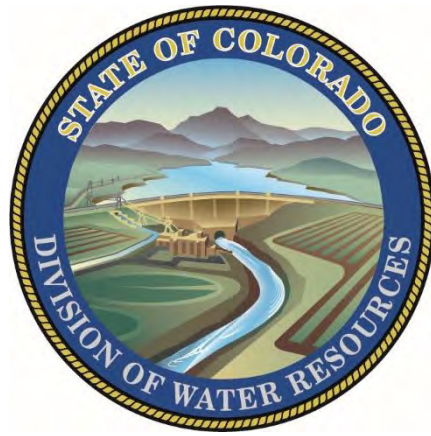


**GROUNDWATER LEVELS
in the
NORTH KIOWA-BIJOU
DESIGNATED GROUND WATER BASIN
2018**



by
Andrew D. Flor



COLORADO
Division of Water Resources
Department of Natural Resources

John W. Hickenlooper
Governor

Kevin G. Rein
State Engineer

Robert W. Randall
Executive Director, DNR

Matthew A. Sares
Manager, Hydrogeology Section

NORTH KIOWA-BIJOU DESIGNATED GROUND WATER BASIN 2018

This report contains the basic groundwater-level data collected from wells in the North Kiowa-Bijou Ground Water Management District during early March of 2018. Acquisition and publication of this information is a cooperative effort between the North Kiowa-Bijou Ground Water Management District, private land 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.

A total of 34 wells were measured in 2018. These wells are part of an observation well network that has been measured for many years. Records on at least one well date back to 1936, however, measurements from most of the wells date from the 1950's and 1960's. For 2018, depth to groundwater below ground surface ranged from approximately 9 feet in the southern portion of the basin near Strasburg to 166 feet in the downstream reach near Wiggins. Water levels in excess of 100 feet deep were reported in wells KB-12, KB-13, KB-14, KB-15, and KB-41, which are located in the northernmost portion of the Bijou Creek drainage.

A map is included showing the locations of the monitoring wells included in this publication. The wells in this report are listed by name in numerical order. Tabular data are presented for each well for the previous ten years. Graphical data are presented for the entire period of record. Measurements for the full period of record may be accessed from HydroBase.

Analyses of changes of groundwater levels in the aquifer are complicated by unknown pumping schedules. Overall, average groundwater levels in wells measured by the Division of Water Resources increased by 1.17 feet compared to 2016. Because of the distribution of the alluvium in this basin, analysis of groundwater levels by drainage is more revealing. Groundwater levels in the Kiowa Creek drainage are up 2 feet from 2016, 5 feet from 2012 and just over 1 foot from 2007. Groundwater-level trends in the Bijou Creek drainage were more stable; up 0.72 feet from 2016, up 1 foot from 2012 and down 0.14 feet since 2007. Individual wells, however, vary significantly. The long-term trend over most of the basin shows a diminishing water-level decline.

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 North Kiowa-Bijou Publication Area on the CDSS webpage:

<http://dnrweb.state.co.us/cdss/GroundWater/WaterLevels/Search?submitButton=Submit&SelectedPublicationAreaName=KIOWA-BIJOU&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>

and the Colorado Information Marketplace HydroBase Bulk Data Exporter:

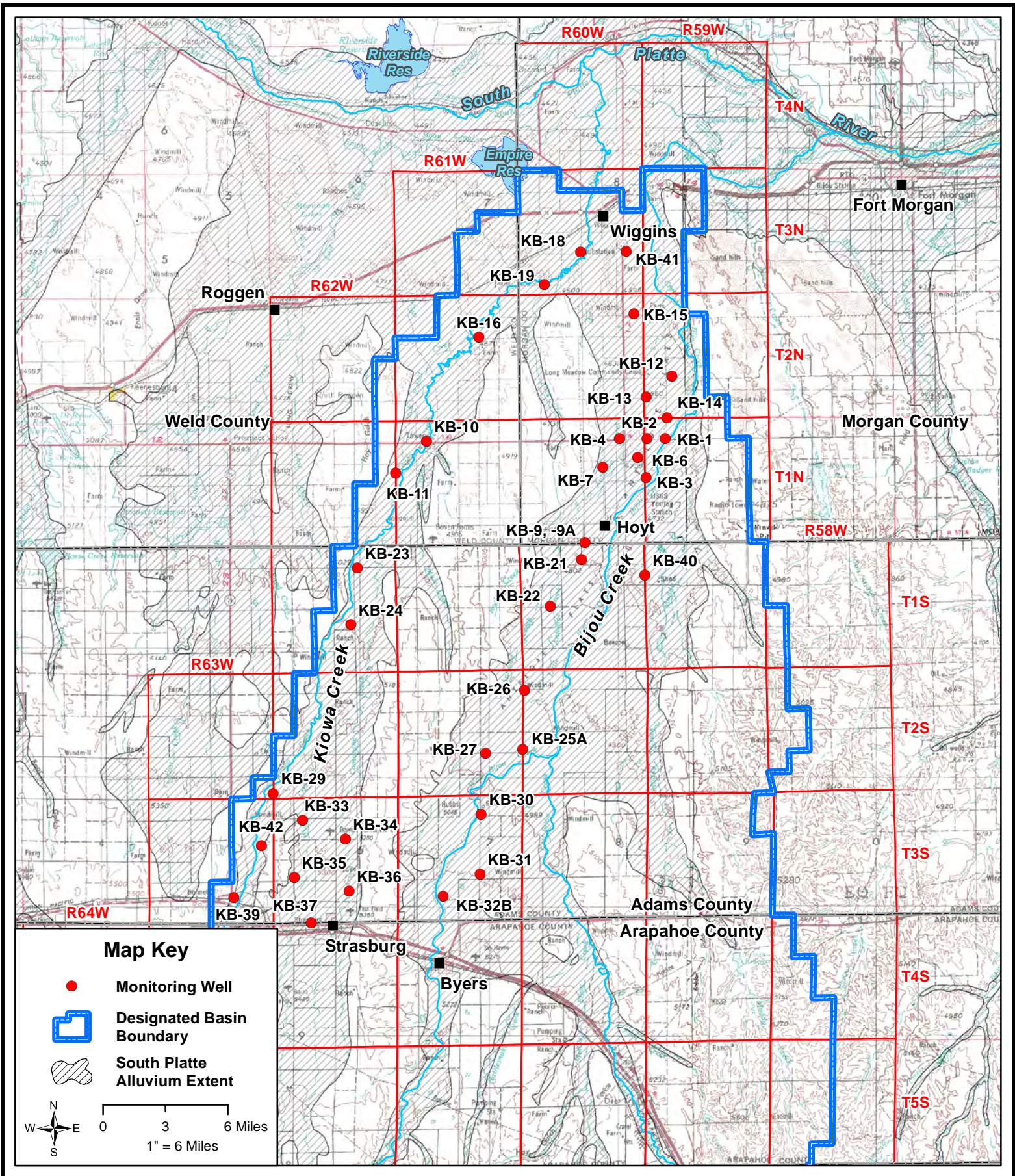
<https://data.colorado.gov/Information-Sharing/DWR-Well-Water-Level/hfwh-wsgi>

or the Colorado Decision Support System MapViewer

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

If you have any questions regarding groundwater in the North Kiowa-Bijou 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

North Kiowa Bijou Designated Basin Monitoring Well Locations



GROUNDWATER DETAILS

Well Name: KB-01
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00105905CCC
USGS Site ID: 400425104010402
Applicant/Contact:

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SW | SW | SW | 5 | 1.0 N | 59.0 W | S | 583703.7 | 4436390.5 | GPS |

Division: 1 District: 1
 County: MORGAN
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

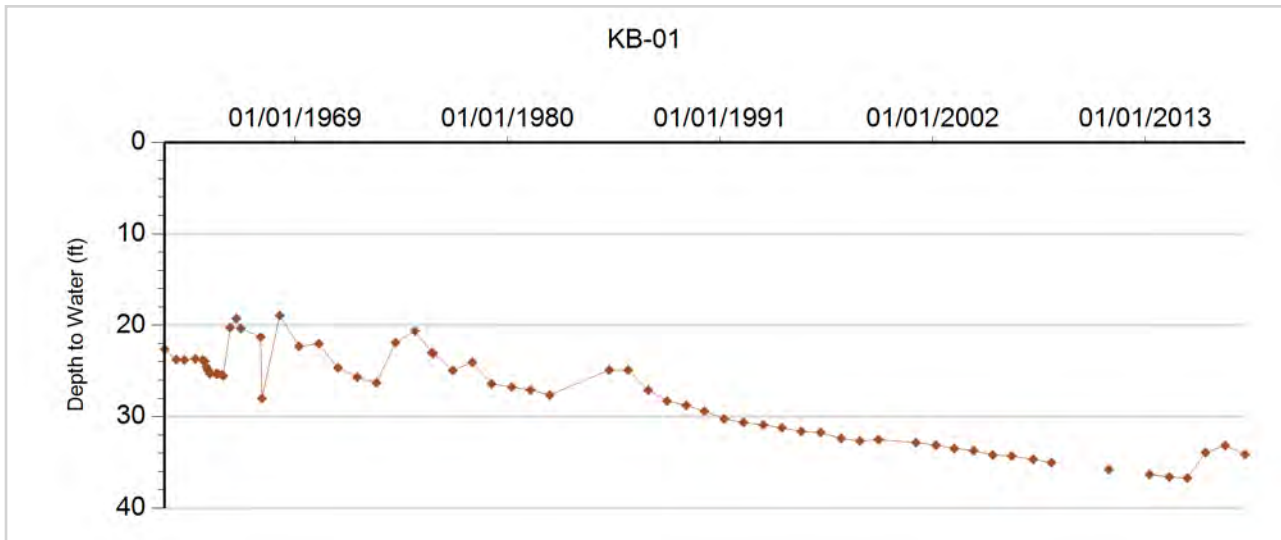
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 34.12 | 4644.46 | 0.97 |
| 02/23/2017 | 33.15 | 4645.43 | -0.77 |
| 02/17/2016 | 33.92 | 4644.66 | -2.79 |
| 03/11/2015 | 36.71 | 4641.87 | 0.13 |
| 04/04/2014 | 36.58 | 4642.00 | 0.27 |
| 03/26/2013 | 36.31 | 4642.27 | |
| 03/09/2012 | | | |
| 02/17/2011 | 35.78 | 4642.80 | |
| 02/16/2010 | | | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4678.58
 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: 04/06/1962 End Date: 03/06/2018
 Number of Measurements: 68





GROUNDWATER DETAILS

Well Name: KB-03
Permit Number: 8963-FP
WDID:
Data Source: DWR

Location Number: SB00105918CCC
USGS Site ID: 400246104021101
Applicant/Contact:

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SW | SW | SW | 18 | 1.0 N | 59.0 W | S | 582225.7 | 4433371.9 | GPS |

Division: 1 District: 1
 County: MORGAN
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

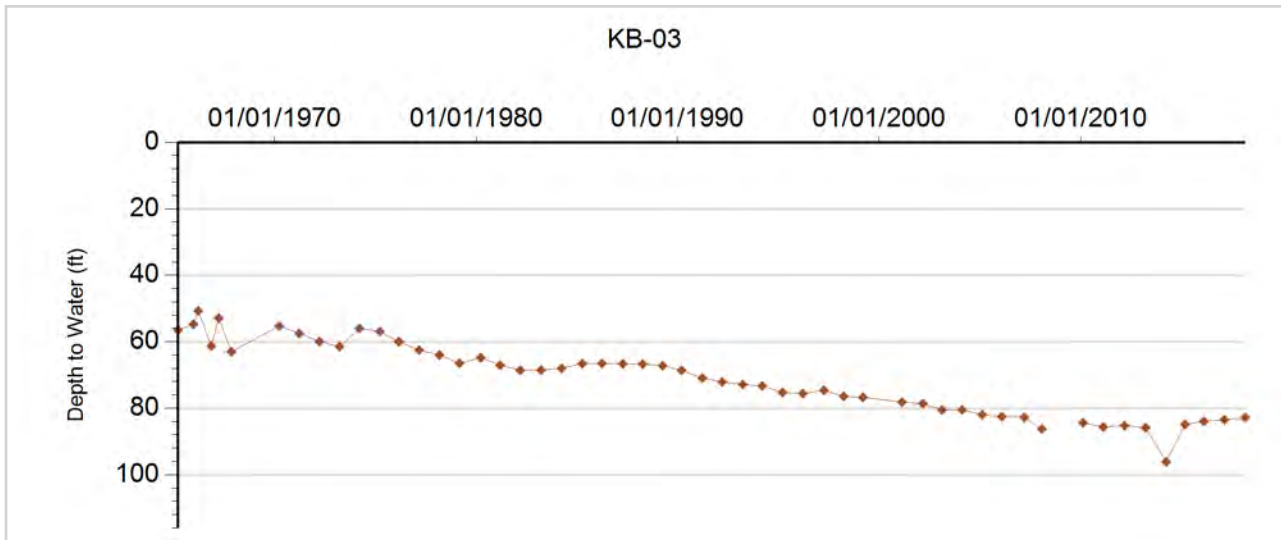
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 82.81 | 4628.79 | -0.65 |
| 02/23/2017 | 83.46 | 4628.14 | -0.44 |
| 02/17/2016 | 83.90 | 4627.70 | -0.97 |
| 03/11/2015 | 84.87 | 4626.73 | -11.23 |
| 04/04/2014 | 96.10 | 4615.50 | 10.24 |
| 03/26/2013 | 85.86 | 4625.74 | 0.67 |
| 03/09/2012 | 85.19 | 4626.41 | -0.43 |
| 02/17/2011 | 85.62 | 4625.98 | 1.25 |
| 02/16/2010 | 84.37 | 4627.23 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4711.60
 Well Depth (ft): 116.00
 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: 03/16/1965 End Date: 03/06/2018
 Number of Measurements: 55





GROUNDWATER DETAILS

Well Name: KB-04
Permit Number: 6361-RFP
WDID:
Data Source: DWR

Location Number: SB00106002DDD
USGS Site ID: 400426104033301
Applicant/Contact:

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SE | SE | SE | 2 | 1.0 N | 60.0 W | S | 580137.8 | 4436365.8 | GPS |

Division: 1 District: 1
 County: MORGAN
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

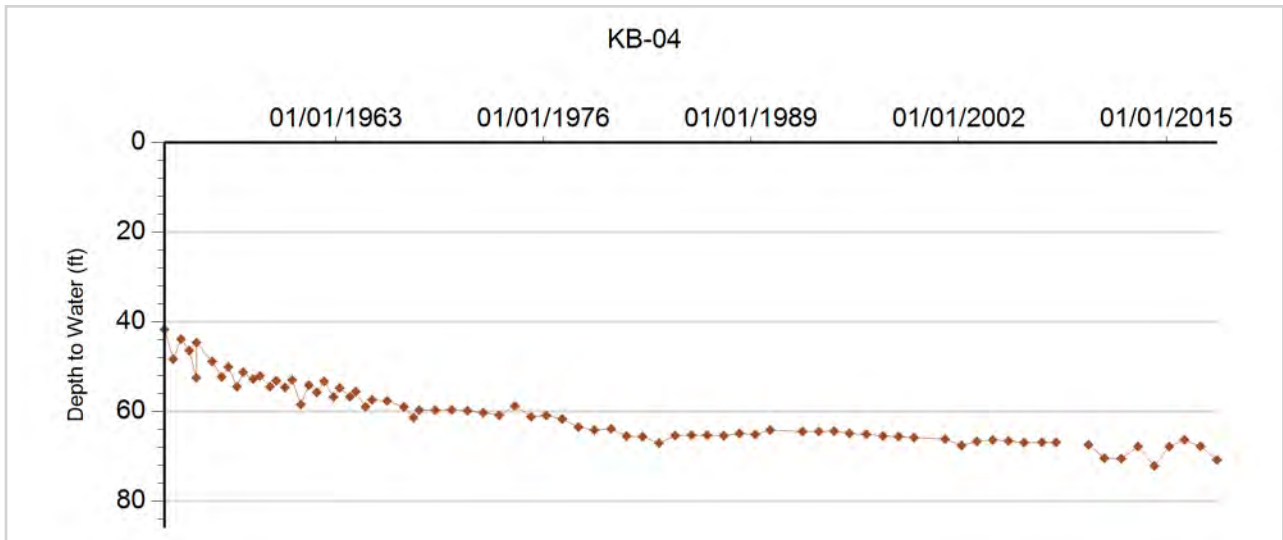
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 70.80 | 4628.80 | 3.01 |
| 02/23/2017 | 67.79 | 4631.81 | 1.45 |
| 02/17/2016 | 66.34 | 4633.26 | -1.53 |
| 03/11/2015 | 67.87 | 4631.73 | -4.29 |
| 04/04/2014 | 72.16 | 4627.44 | 4.33 |
| 03/26/2013 | 67.83 | 4631.77 | -2.72 |
| 03/09/2012 | 70.55 | 4629.05 | 0.11 |
| 02/17/2011 | 70.44 | 4629.16 | 3.00 |
| 02/16/2010 | 67.44 | 4632.16 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4699.60
 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: 04/04/1952 End Date: 03/06/2018
 Number of Measurements: 80





GROUNDWATER DETAILS

Well Name: KB-06
Permit Number: 3700-FP
WDID:
Data Source: DWR

Location Number: SB00106012DCD
USGS Site ID: 400338104023501
Applicant/Contact: HOGAN

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SE | SW | SE | 12 | 1.0 N | 60.0 W | S | 581561.8 | 4434943.9 | GPS |

Division: 1 District: 1
 County: MORGAN
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

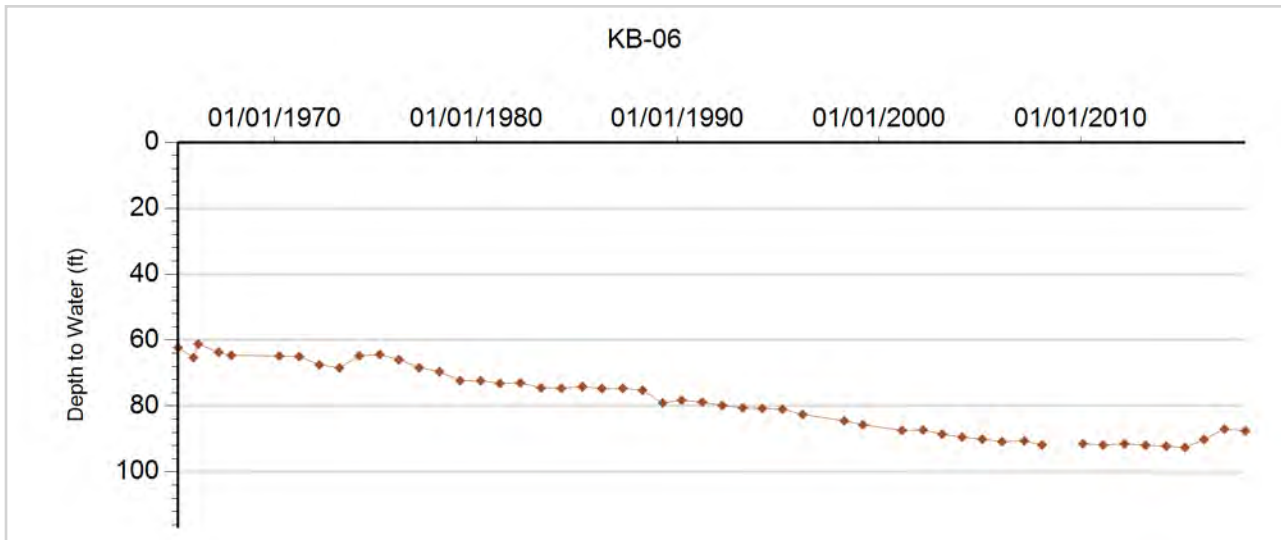
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 87.56 | 4622.03 | 0.58 |
| 02/23/2017 | 86.98 | 4622.61 | -3.16 |
| 02/17/2016 | 90.14 | 4619.45 | -2.47 |
| 03/11/2015 | 92.61 | 4616.98 | 0.41 |
| 04/04/2014 | 92.20 | 4617.39 | 0.29 |
| 03/26/2013 | 91.91 | 4617.68 | 0.42 |
| 03/09/2012 | 91.49 | 4618.10 | -0.35 |
| 02/17/2011 | 91.84 | 4617.75 | 0.39 |
| 02/16/2010 | 91.45 | 4618.14 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4709.59
 Well Depth (ft): 117.00
 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: 03/16/1965 End Date: 03/06/2018
 Number of Measurements: 54





GROUNDWATER DETAILS

Well Name: KB-07
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00106015ADA
USGS Site ID: 400315104043101
Applicant/Contact:

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | NE | SE | NE | 15 | 1.0 N | 60.0 W | S | 578862.8 | 4434190.9 | GPS |

Division: 1 District: 1
 County: MORGAN
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

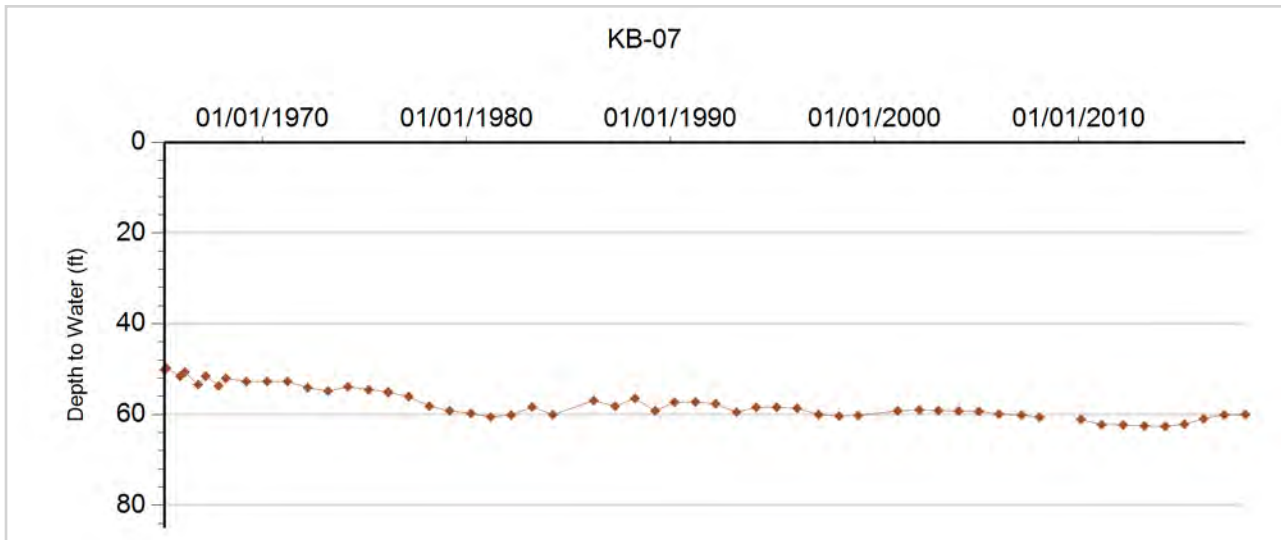
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 60.01 | 4665.61 | -0.05 |
| 02/23/2017 | 60.06 | 4665.56 | -0.88 |
| 02/17/2016 | 60.94 | 4664.68 | -1.19 |
| 03/11/2015 | 62.13 | 4663.49 | -0.47 |
| 04/04/2014 | 62.60 | 4663.02 | 0.09 |
| 03/26/2013 | 62.51 | 4663.11 | 0.21 |
| 03/09/2012 | 62.30 | 4663.32 | 0.05 |
| 02/17/2011 | 62.25 | 4663.37 | 1.18 |
| 02/16/2010 | 61.07 | 4664.55 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4725.62
 Well Depth (ft): 85.00
 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: 03/16/1965 End Date: 03/06/2018
 Number of Measurements: 57





GROUNDWATER DETAILS

Well Name: KB-09, KB-09A
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00106034CCC
USGS Site ID: 400004104053601
Applicant/Contact: KOBABEL

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SW | SW | SW | 34 | 1.0 N | 60.0 W | S | 577481.8 | 4428360.9 | GPS |

Division: 1 District: 1
 County: MORGAN
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

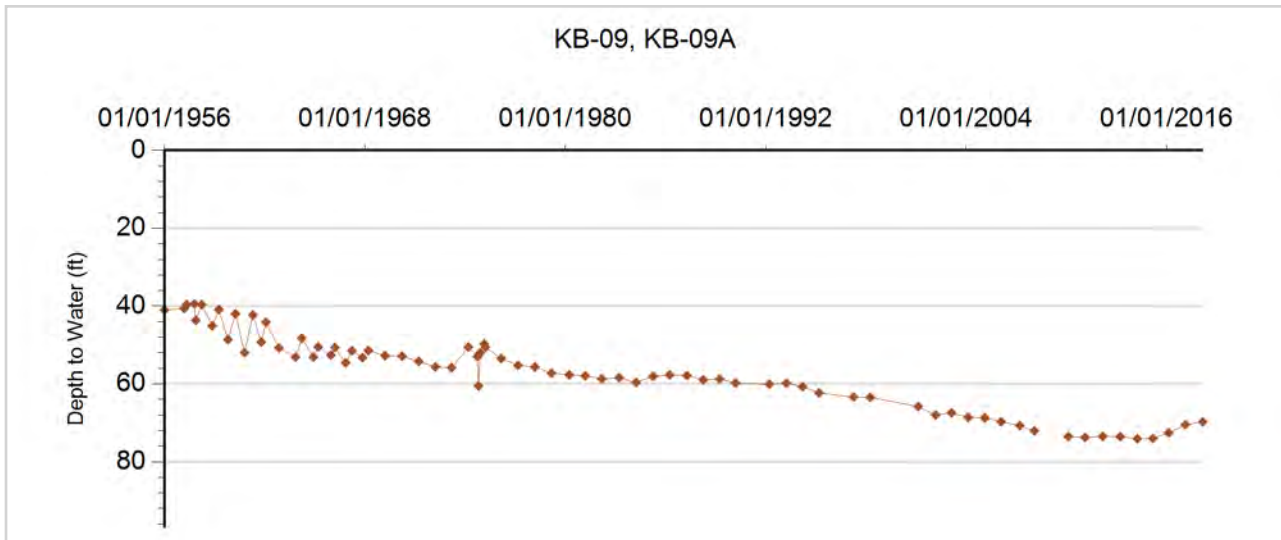
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 69.74 | 4720.90 | -0.71 |
| 02/23/2017 | 70.45 | 4720.19 | -2.07 |
| 02/17/2016 | 72.52 | 4718.12 | -1.47 |
| 03/11/2015 | 73.99 | 4716.65 | -0.10 |
| 04/04/2014 | 74.09 | 4716.55 | 0.55 |
| 03/26/2013 | 73.54 | 4717.10 | 0.09 |
| 03/09/2012 | 73.45 | 4717.19 | -0.30 |
| 02/17/2011 | 73.75 | 4716.89 | 0.24 |
| 02/16/2010 | 73.51 | 4717.13 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4790.64
 Well Depth (ft): 97.00
 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: 01/01/1956 End Date: 03/06/2018
 Number of Measurements: 76





GROUNDWATER DETAILS

Well Name: KB-10
Permit Number:
WDID:
Data Source: DWR

Location Number: SB00106105DCC
USGS Site ID: 400425104140301
Applicant/Contact:

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SW | SW | SE | 5 | 1.0 N | 61.0 W | S | 565211.1 | 4436181.9 | GPS |

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

Time Series Data - Ten Most Recent Reportings

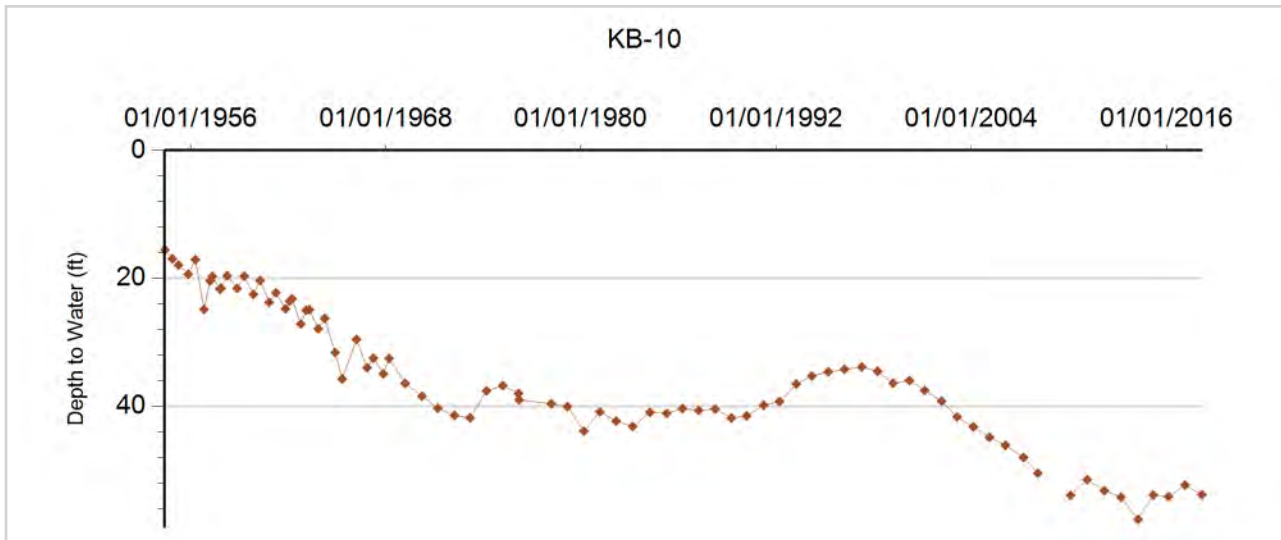
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 53.80 | 4723.89 | 1.51 |
| 02/23/2017 | 52.29 | 4725.40 | -1.82 |
| 02/17/2016 | 54.11 | 4723.58 | 0.26 |
| 03/10/2015 | 53.85 | 4723.84 | -3.82 |
| 04/04/2014 | 57.67 | 4720.02 | 3.47 |
| 03/20/2013 | 54.20 | 4723.49 | 1.03 |
| 03/08/2012 | 53.17 | 4724.52 | 1.71 |
| 02/17/2011 | 51.46 | 4726.23 | -2.44 |
| 02/10/2010 | 53.90 | 4723.79 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4777.69
 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: 06/09/1954 End Date: 03/06/2018
 Number of Measurements: 82





GROUNDWATER DETAILS

Well Name: KB-13
Permit Number: 6987-
WDID:
Data Source: DWR

Location Number: SB00205930CCC
USGS Site ID: 400609104020701
Applicant/Contact:

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SW | SW | SW | 30 | 2.0 N | 59.0 W | S | 582194.4 | 4439600.8 | GPS |

Division: 1 District: 1
 County: MORGAN
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

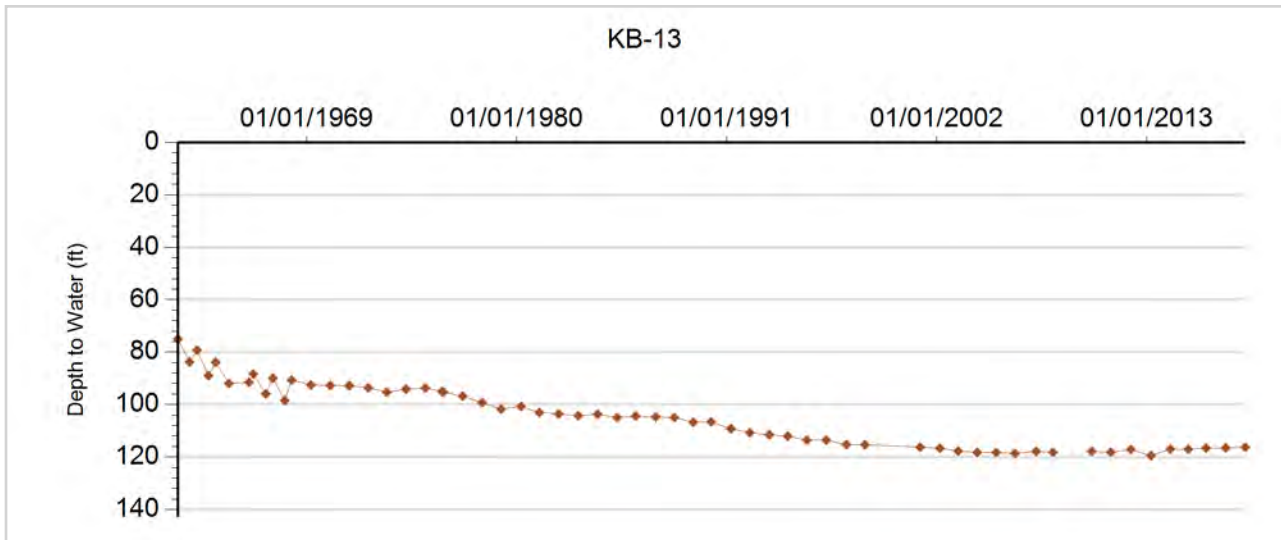
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 116.24 | 4544.33 | -0.28 |
| 02/23/2017 | 116.52 | 4544.05 | -0.05 |
| 02/17/2016 | 116.57 | 4544.00 | -0.44 |
| 03/11/2015 | 117.01 | 4543.56 | 0.06 |
| 04/04/2014 | 116.95 | 4543.62 | -2.49 |
| 03/26/2013 | 119.44 | 4541.13 | 2.33 |
| 03/09/2012 | 117.11 | 4543.46 | -1.05 |
| 02/17/2011 | 118.16 | 4542.41 | 0.35 |
| 02/16/2010 | 117.81 | 4542.76 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4660.57
 Well Depth (ft): 143.00
 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: 04/02/1962 End Date: 03/06/2018
 Number of Measurements: 62





GROUNDWATER DETAILS

Well Name: KB-14
Permit Number: 2857-
WDID:
Data Source: DWR

Location Number: SB00205932CCC
USGS Site ID: 400518104005801
Applicant/Contact: GLEN FRIHAUF

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SW | SW | SW | 32 | 2.0 N | 59.0 W | S | 583834.9 | 4438032.9 | GPS |

Division: 1 District: 1
 County: MORGAN
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

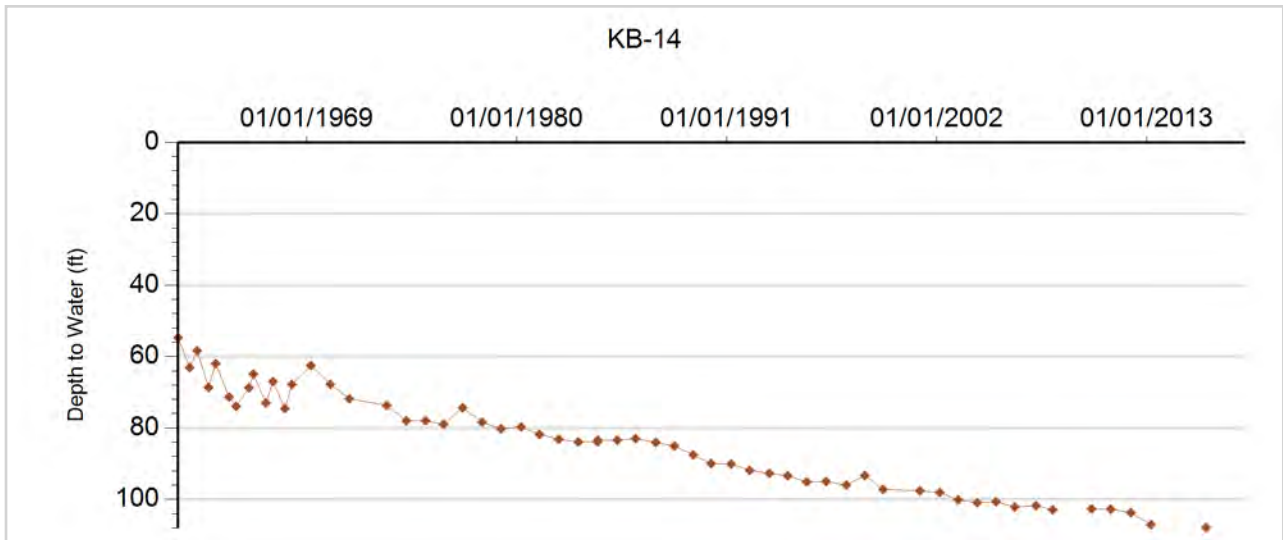
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 112.47 | 4562.10 | 2.89 |
| 02/23/2017 | 109.58 | 4564.99 | 1.69 |
| 02/17/2016 | 107.89 | 4566.68 | -6.46 |
| 03/11/2015 | 114.35 | 4560.22 | 0.08 |
| 04/04/2014 | 114.27 | 4560.30 | 7.17 |
| 03/26/2013 | 107.10 | 4567.47 | 3.38 |
| 03/09/2012 | 103.72 | 4570.85 | 0.99 |
| 02/17/2011 | 102.73 | 4571.84 | 0.06 |
| 02/16/2010 | 102.67 | 4571.90 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4674.57
 Well Depth (ft): 108.00
 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: 04/02/1962 End Date: 03/06/2018
 Number of Measurements: 62





GROUNDWATER DETAILS

Well Name: KB-16
Permit Number: 8309-
WDID:
Data Source: DWR

Location Number: SB00206111CCC
USGS Site ID: 400845104111101
Applicant/Contact:

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SW | SW | SW | 11 | 2.0 N | 61.0 W | S | 569265.1 | 4444220.9 | GPS |

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

Time Series Data - Ten Most Recent Reportings

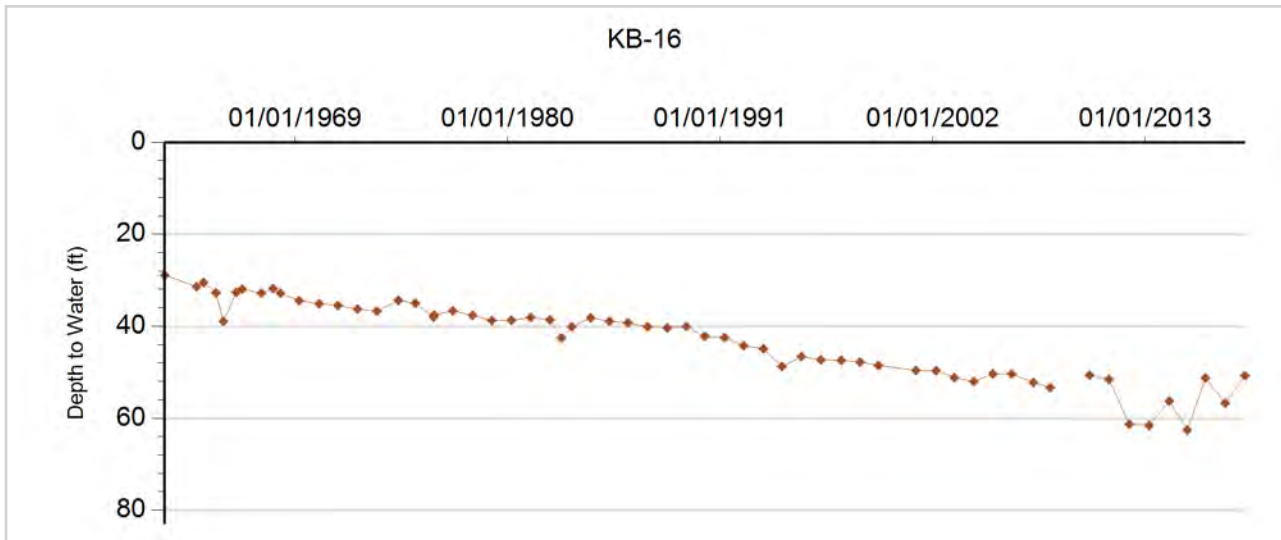
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 50.77 | 4621.86 | -5.94 |
| 02/23/2017 | 56.71 | 4615.92 | 5.47 |
| 02/17/2016 | 51.24 | 4621.39 | -11.34 |
| 03/10/2015 | 62.58 | 4610.05 | 6.31 |
| 04/04/2014 | 56.27 | 4616.36 | -5.28 |
| 03/20/2013 | 61.55 | 4611.08 | 0.25 |
| 03/09/2012 | 61.30 | 4611.33 | 9.76 |
| 02/17/2011 | 51.54 | 4621.09 | 0.89 |
| 02/16/2010 | 50.65 | 4621.98 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4672.63
 Well Depth (ft): 83.00
 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: 03/30/1962 End Date: 03/06/2018
 Number of Measurements: 61





GROUNDWATER DETAILS

Well Name: KB-18
Permit Number: 4422-RFP
WDID:
Data Source: DWR

Location Number: SB00306022CCC
USGS Site ID: 401214104053401
Applicant/Contact: CSU WP#5

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SW | SW | SW | 22 | 3.0 N | 60.0 W | S | 577156.9 | 4450787.9 | GPS |

Division: 1 District: 1
 County: MORGAN
 Designated Basin: KIOWA-BIJOU
 Management District: NORTH KIOWA-BIJOU

Time Series Data - Ten Most Recent Reportings

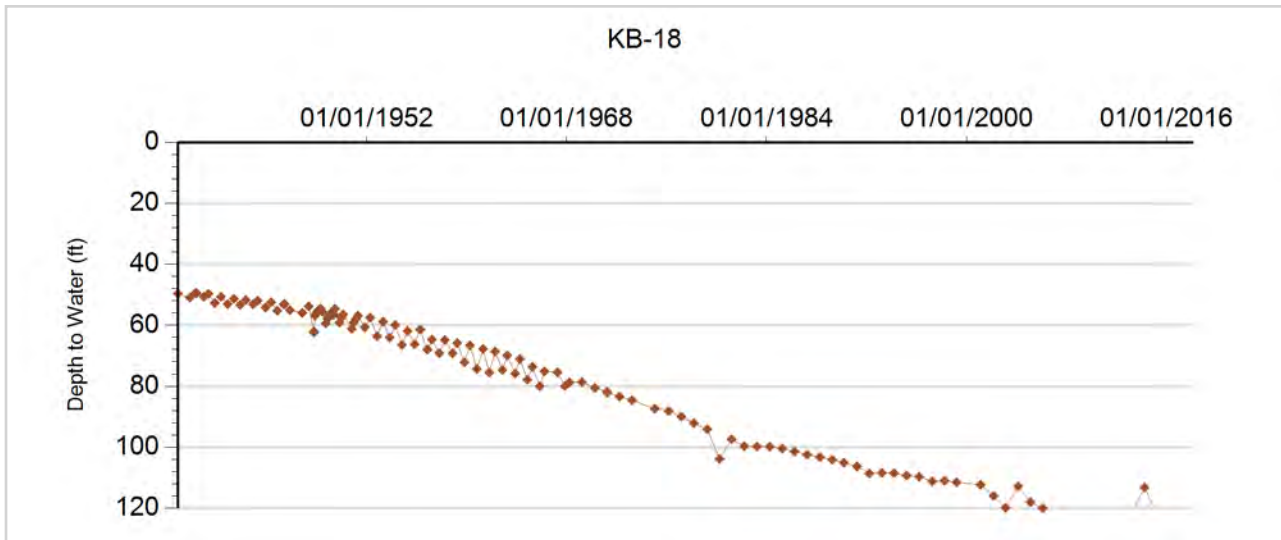
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | | | |
| 02/23/2017 | | | |
| 02/17/2016 | | | |
| 03/10/2015 | 121.08 | 4449.46 | 7.93 |
| 04/04/2014 | 113.15 | 4457.39 | -8.81 |
| 03/20/2013 | 121.96 | 4448.58 | -2.94 |
| 03/09/2012 | 124.90 | 4445.64 | -1.43 |
| 02/17/2011 | 126.33 | 4444.21 | -14.15 |
| 02/16/2010 | 140.48 | 4430.06 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4570.54
 Well Depth (ft): 120.00
 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: 11/11/1936 End Date: 03/06/2018
 Number of Measurements: 133





GROUNDWATER DETAILS

Well Name: KB-19
Permit Number: 12272-
WDID:
Data Source: DWR

Location Number: SB00306032CAB
USGS Site ID: 401055104073401
Applicant/Contact:

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | NW | NE | SW | 32 | 3.0 N | 60.0 W | S | 574328.0 | 4448293.9 | GPS |

Division: 1 District: 1
 County: MORGAN
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

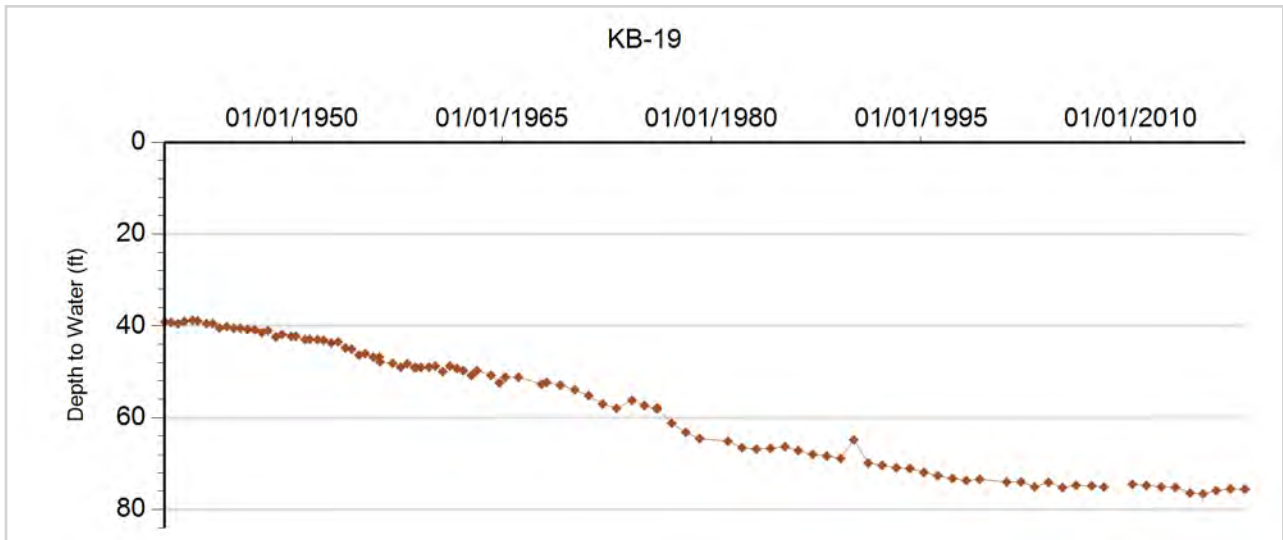
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 75.56 | 4525.01 | 0.07 |
| 02/23/2017 | 75.49 | 4525.08 | -0.36 |
| 02/17/2016 | 75.85 | 4524.72 | -0.75 |
| 03/10/2015 | 76.60 | 4523.97 | 0.21 |
| 04/04/2014 | 76.39 | 4524.18 | 1.25 |
| 03/20/2013 | 75.14 | 4525.43 | 0.09 |
| 03/09/2012 | 75.05 | 4525.52 | 0.32 |
| 02/17/2011 | 74.73 | 4525.84 | 0.24 |
| 02/16/2010 | 74.49 | 4526.08 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4600.57
 Well Depth (ft): 84.00
 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: 11/29/1940 End Date: 03/06/2018
 Number of Measurements: 102





GROUNDWATER DETAILS

Well Name: KB-21
Permit Number:
WDID:
Data Source: DWR

Location Number: SC00106003CCB
USGS Site ID: 395918104054001
Applicant/Contact:

Physical Location

| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| | | NW | SW | SW | 3 | 1.0 S | 60.0 W | S | 577206.0 | 4427007.0 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

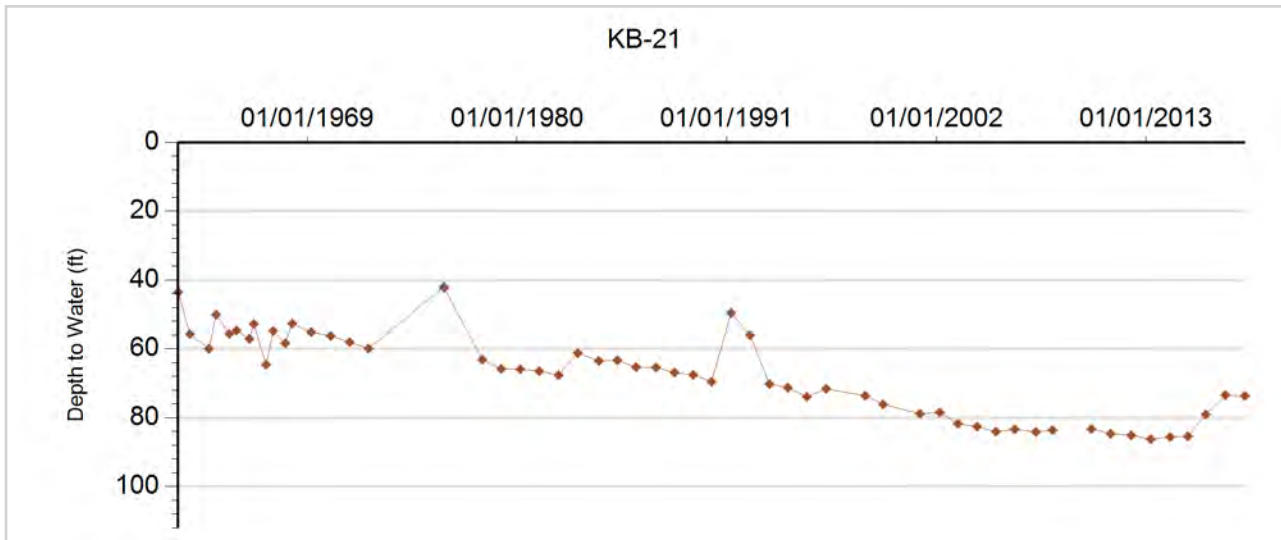
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 73.63 | 4730.01 | 0.21 |
| 02/23/2017 | 73.42 | 4730.22 | -5.63 |
| 02/17/2016 | 79.05 | 4724.59 | -6.35 |
| 03/11/2015 | 85.40 | 4718.24 | -0.20 |
| 04/04/2014 | 85.60 | 4718.04 | -0.61 |
| 03/26/2013 | 86.21 | 4717.43 | 1.13 |
| 03/19/2012 | 85.08 | 4718.56 | 0.46 |
| 02/17/2011 | 84.62 | 4719.02 | 1.38 |
| 02/16/2010 | 83.24 | 4720.40 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4803.64
 Well Depth (ft): 112.00
 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: 03/30/1962 End Date: 03/06/2018
 Number of Measurements: 57





GROUNDWATER DETAILS

Well Name: KB-22
Permit Number:
WDID:
Data Source: DWR

Location Number: SC00106017CDD
USGS Site ID: 395727104071701
Applicant/Contact:

Physical Location

| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| | | SE | SE | SW | 17 | 1.0 S | 60.0 W | S | 574793.7 | 4423419.7 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

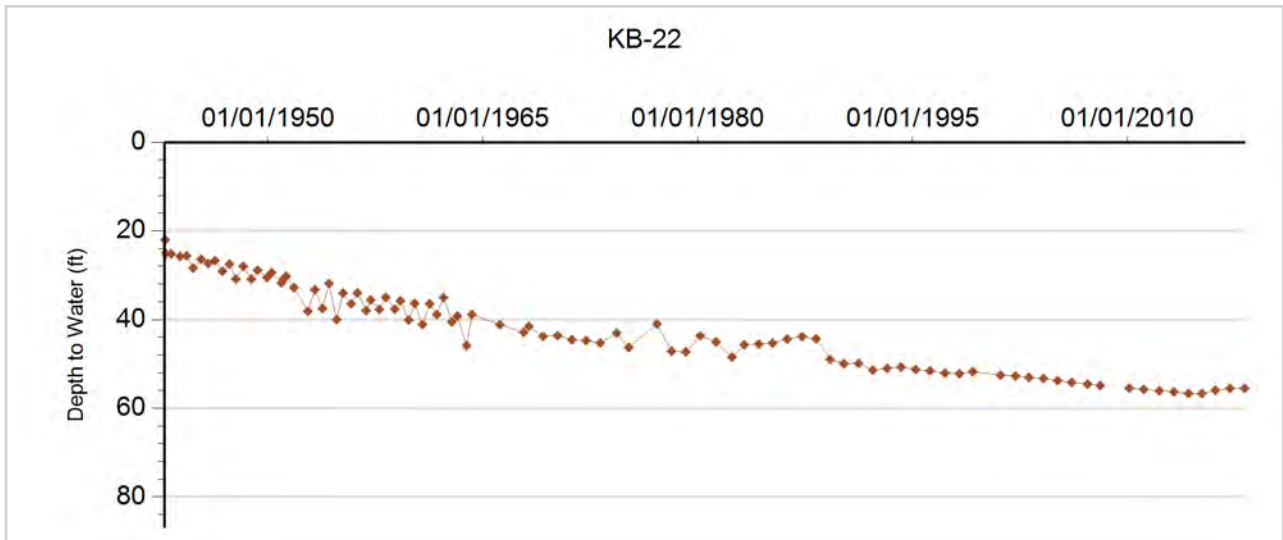
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 55.50 | 4778.15 | -0.03 |
| 02/23/2017 | 55.53 | 4778.12 | -0.42 |
| 02/17/2016 | 55.95 | 4777.70 | -0.74 |
| 03/11/2015 | 56.69 | 4776.96 | 0.01 |
| 04/04/2014 | 56.68 | 4776.97 | 0.36 |
| 03/26/2013 | 56.32 | 4777.33 | 0.28 |
| 03/19/2012 | 56.04 | 4777.61 | 0.30 |
| 02/17/2011 | 55.74 | 4777.91 | 0.29 |
| 02/16/2010 | 55.45 | 4778.20 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4833.65
 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: 11/01/1942 End Date: 03/06/2018
 Number of Measurements: 96





GROUNDWATER DETAILS

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

Location Number: SC00106222DCA
USGS Site ID: 395643104183301
Applicant/Contact: RICK KALLSEN

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | NE | SW | SE | 22 | 1.0 S | 62.0 W | S | 559345.9 | 4421993.7 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

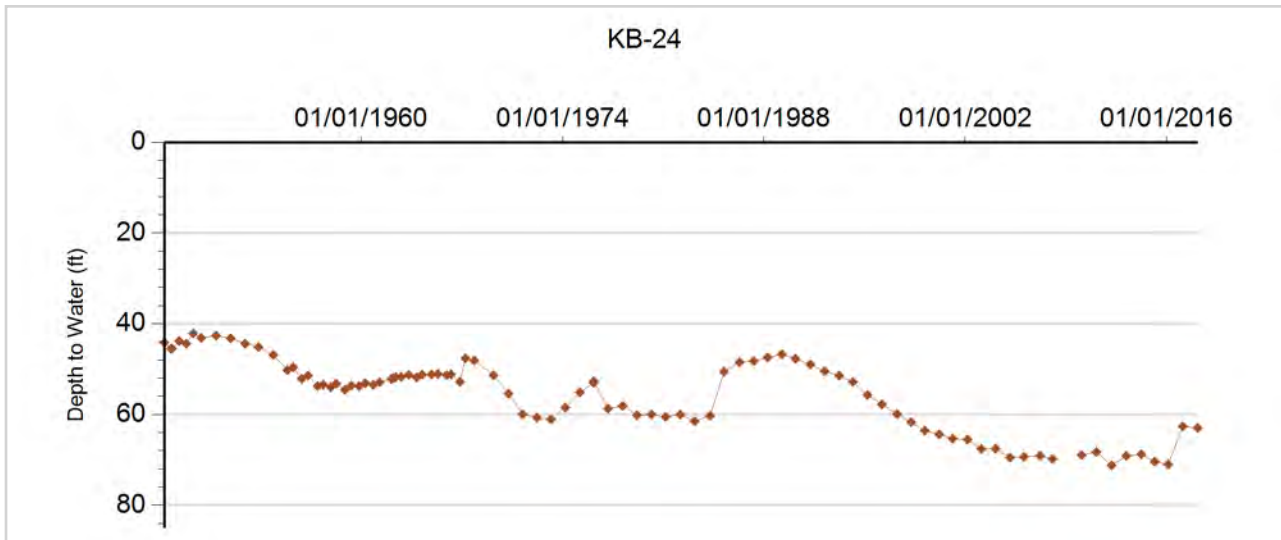
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 62.95 | 4933.81 | 0.34 |
| 02/23/2017 | 62.61 | 4934.15 | -8.41 |
| 02/17/2016 | 71.02 | 4925.74 | 0.64 |
| 03/10/2015 | 70.38 | 4926.38 | 1.60 |
| 04/04/2014 | 68.78 | 4927.98 | -0.33 |
| 03/20/2013 | 69.11 | 4927.65 | -2.11 |
| 03/08/2012 | 71.22 | 4925.54 | 2.99 |
| 02/17/2011 | 68.23 | 4928.53 | -0.70 |
| 02/10/2010 | 68.93 | 4927.83 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4996.76
 Well Depth (ft): 85.00
 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: 04/24/1946 End Date: 03/06/2018
 Number of Measurements: 91





GROUNDWATER DETAILS

Well Name: KB-25A
Permit Number: 985-R-R
WDID:
Data Source: DWR

Location Number: SC00206019DCC
USGS Site ID:
Applicant/Contact: RICK WAGNER

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SW | SW | SE | 19 | 2.0 S | 60.0 W | S | 572658.5 | 4412319.4 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

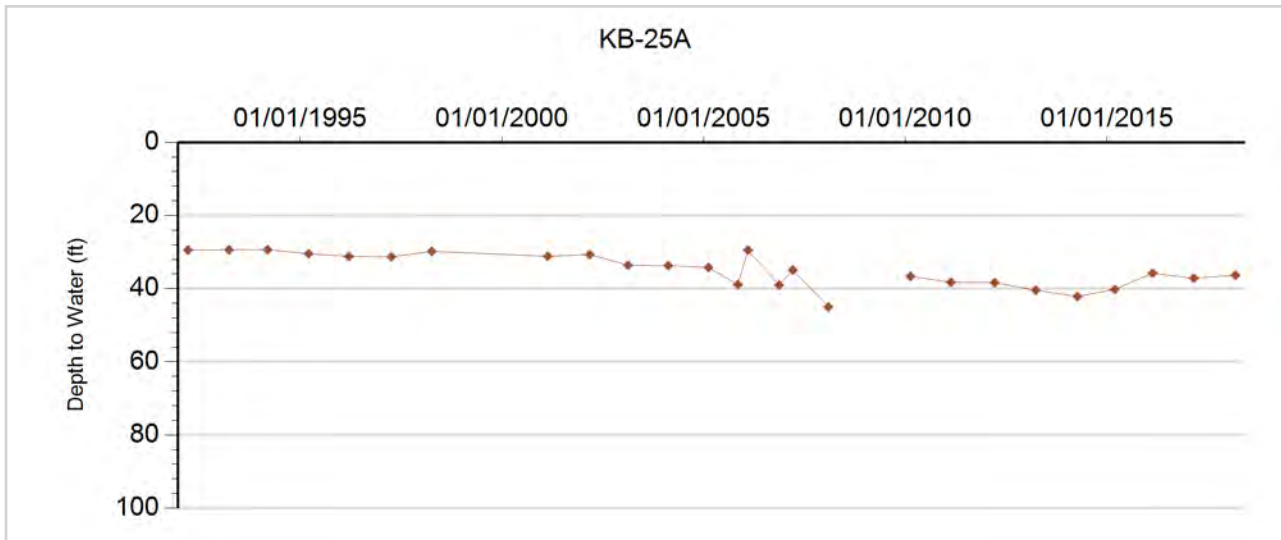
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 36.33 | 4916.67 | -0.82 |
| 02/23/2017 | 37.15 | 4915.85 | 1.36 |
| 02/17/2016 | 35.79 | 4917.21 | -4.41 |
| 03/11/2015 | 40.20 | 4912.80 | -1.94 |
| 04/08/2014 | 42.14 | 4910.86 | 1.71 |
| 03/26/2013 | 40.43 | 4912.57 | 2.08 |
| 03/19/2012 | 38.35 | 4914.65 | 0.09 |
| 02/17/2011 | 38.26 | 4914.74 | 1.64 |
| 02/16/2010 | 36.62 | 4916.38 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4953.00
 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: 03/23/1992 End Date: 03/06/2018
 Number of Measurements: 27





GROUNDWATER DETAILS

Well Name: KB-26
Permit Number: 19621-
WDID:
Data Source: DWR

Location Number: SC00206006CCC
USGS Site ID: 395357104085401
Applicant/Contact:

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SW | SW | SW | 6 | 2.0 S | 60.0 W | S | 572799.6 | 4416919.5 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

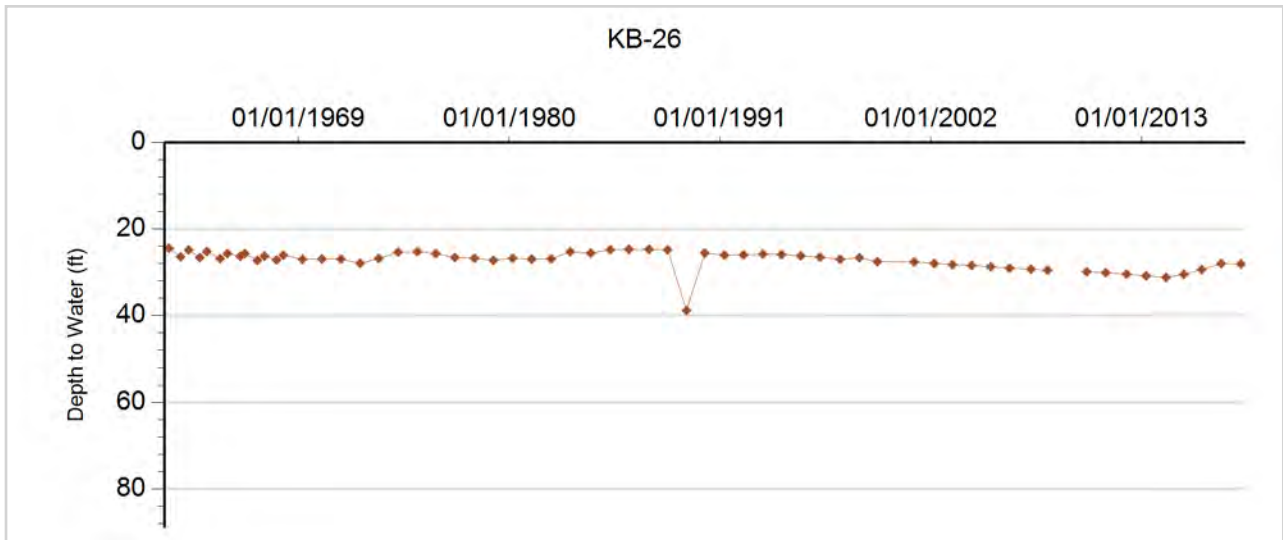
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 28.08 | 4882.58 | 0.10 |
| 02/23/2017 | 27.98 | 4882.68 | -1.38 |
| 02/17/2016 | 29.36 | 4881.30 | -1.11 |
| 03/11/2015 | 30.47 | 4880.19 | -0.72 |
| 04/08/2014 | 31.19 | 4879.47 | 0.36 |
| 03/26/2013 | 30.83 | 4879.83 | 0.42 |
| 03/19/2012 | 30.41 | 4880.25 | 0.31 |
| 02/17/2011 | 30.10 | 4880.56 | 0.23 |
| 02/16/2010 | 29.87 | 4880.79 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4910.66
 Well Depth (ft): 89.00
 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: 03/30/1962 End Date: 03/06/2018
 Number of Measurements: 62





GROUNDWATER DETAILS

Well Name: KB-27
Permit Number: 11549-F
WDID:
Data Source: DWR

Location Number: SC00206123CCD
USGS Site ID: 395119104105901
Applicant/Contact: RICK WAGNER

Physical Location

| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| | | SE | SW | SW | 23 | 2.0 S | 61.0 W | S | 569795.5 | 4412033.4 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

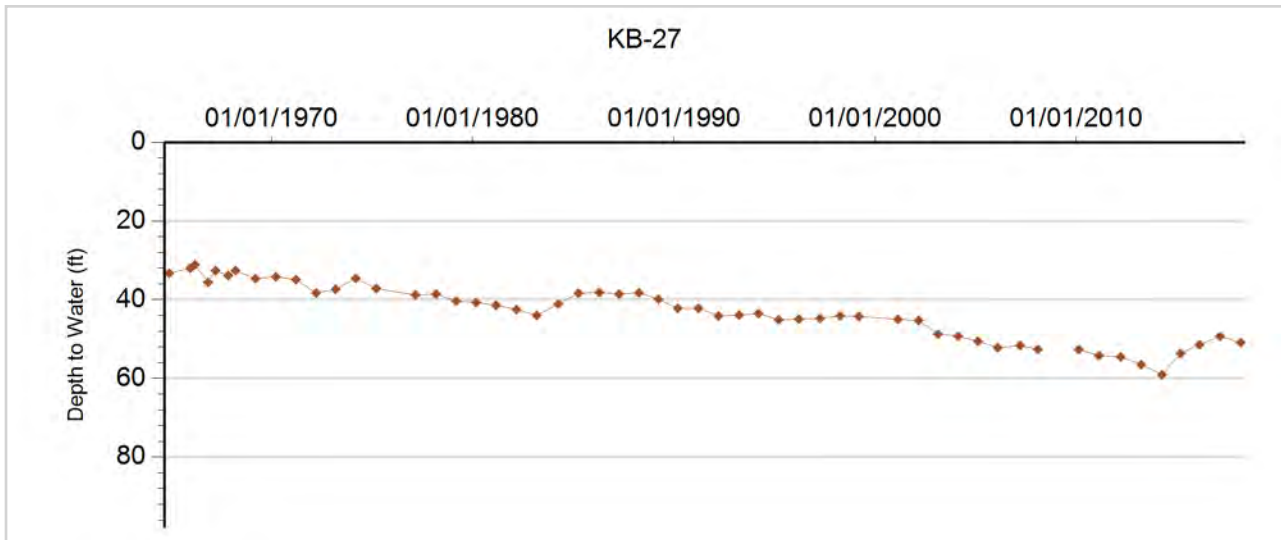
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 50.90 | 4927.78 | 1.62 |
| 02/23/2017 | 49.28 | 4929.40 | -2.16 |
| 02/17/2016 | 51.44 | 4927.24 | -2.22 |
| 03/11/2015 | 53.66 | 4925.02 | -5.38 |
| 04/08/2014 | 59.04 | 4919.64 | 2.54 |
| 03/26/2013 | 56.50 | 4922.18 | 1.95 |
| 03/19/2012 | 54.55 | 4924.13 | 0.35 |
| 02/17/2011 | 54.20 | 4924.48 | 1.55 |
| 02/16/2010 | 52.65 | 4926.03 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4978.68
 Well Depth (ft): 98.00
 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: 12/01/1964 End Date: 03/06/2018
 Number of Measurements: 55





GROUNDWATER DETAILS

Well Name: KB-29
Permit Number: 19793-
WDID:
Data Source: DWR

Location Number: SC00206336DAD
USGS Site ID: 394944104223501
Applicant/Contact:

Physical Location

| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| | | SE | NE | SE | 36 | 2.0 S | 63.0 W | S | 553345.6 | 4408968.6 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

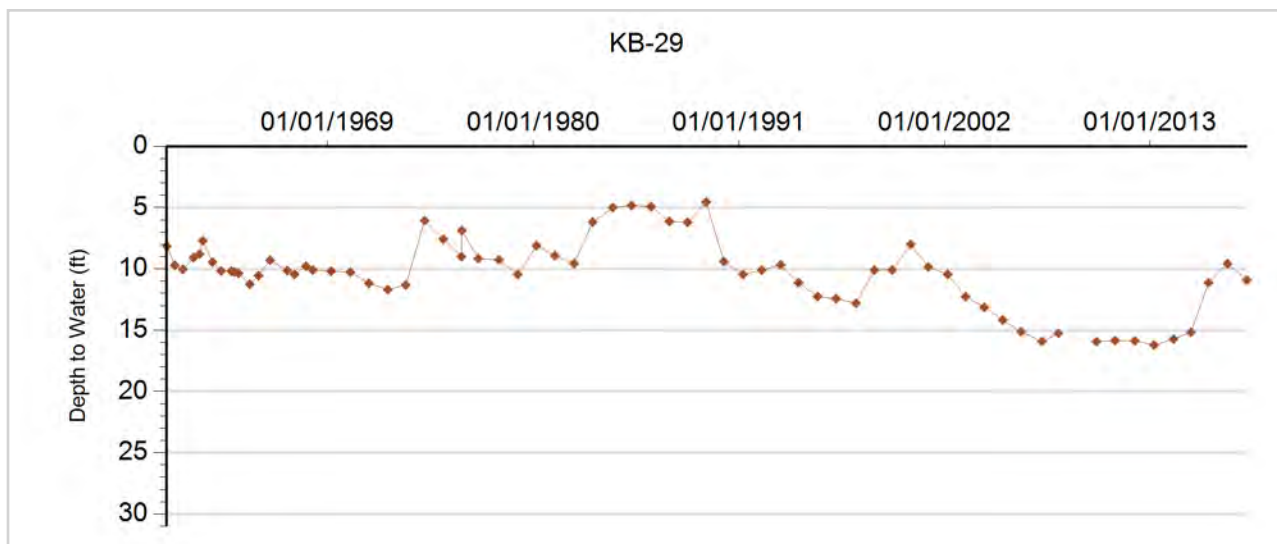
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 10.92 | 5256.94 | 1.34 |
| 02/23/2017 | 9.58 | 5258.28 | -1.55 |
| 02/17/2016 | 11.13 | 5256.73 | -4.04 |
| 03/10/2015 | 15.17 | 5252.69 | -0.56 |
| 04/03/2014 | 15.73 | 5252.13 | -0.48 |
| 03/20/2013 | 16.21 | 5251.65 | 0.34 |
| 03/08/2012 | 15.87 | 5251.99 | 0.02 |
| 02/17/2011 | 15.85 | 5252.01 | -0.08 |
| 02/16/2010 | 15.93 | 5251.93 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 5267.86
 Well Depth (ft): 31.00
 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: 06/02/1960 End Date: 03/06/2018
 Number of Measurements: 69





GROUNDWATER DETAILS

Well Name: KB-30
 Permit Number: 4425-
 WDID:
 Data Source: DWR

Location Number: SC00306102CCB
 USGS Site ID: 394850104111801
 Applicant/Contact:

Physical Location

| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| | | NW | SW | SW | 2 | 3.0 S | 61.0 W | S | 569444.4 | 4407361.3 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

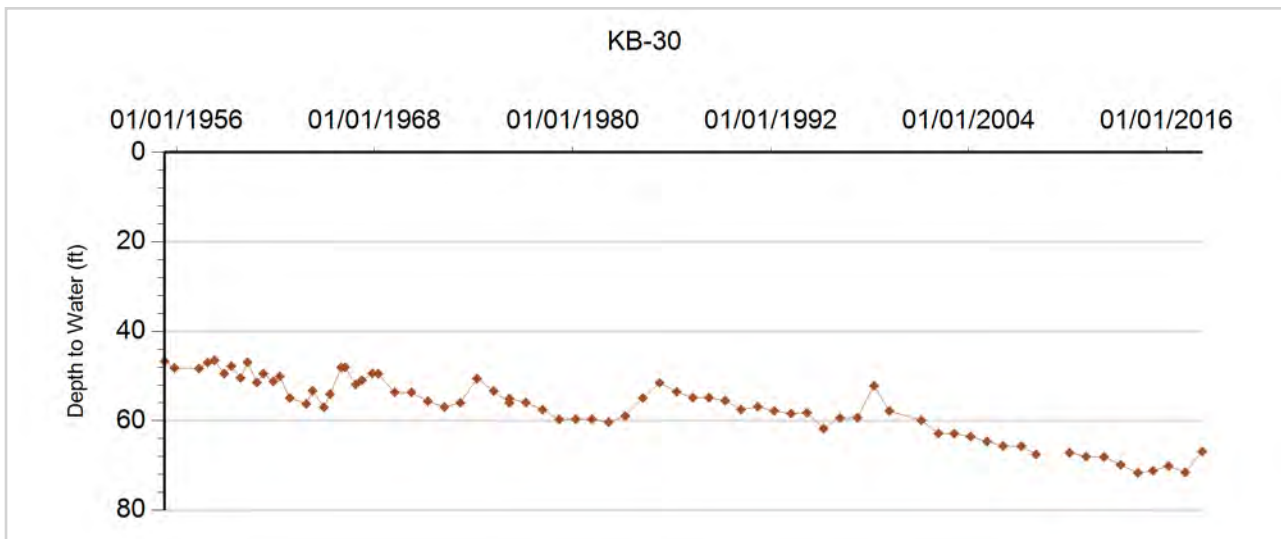
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 66.89 | 4968.79 | -4.64 |
| 02/23/2017 | 71.53 | 4964.15 | 1.39 |
| 02/18/2016 | 70.14 | 4965.54 | -1.04 |
| 03/11/2015 | 71.18 | 4964.50 | -0.47 |
| 04/08/2014 | 71.65 | 4964.03 | 1.79 |
| 03/26/2013 | 69.86 | 4965.82 | 1.76 |
| 03/19/2012 | 68.10 | 4967.58 | 0.10 |
| 02/17/2011 | 68.00 | 4967.68 | 0.85 |
| 02/16/2010 | 67.15 | 4968.53 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 5035.68
 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: 04/06/1955 End Date: 03/06/2018
 Number of Measurements: 74





GROUNDWATER DETAILS

Well Name: KB-31
Permit Number: 21037-
WDID:
Data Source: DWR

Location Number: SC00306122DDA
USGS Site ID: 394618104112301
Applicant/Contact:

Physical Location

| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| | | NE | SE | SE | 22 | 3.0 S | 61.0 W | S | 569356.3 | 4402682.1 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

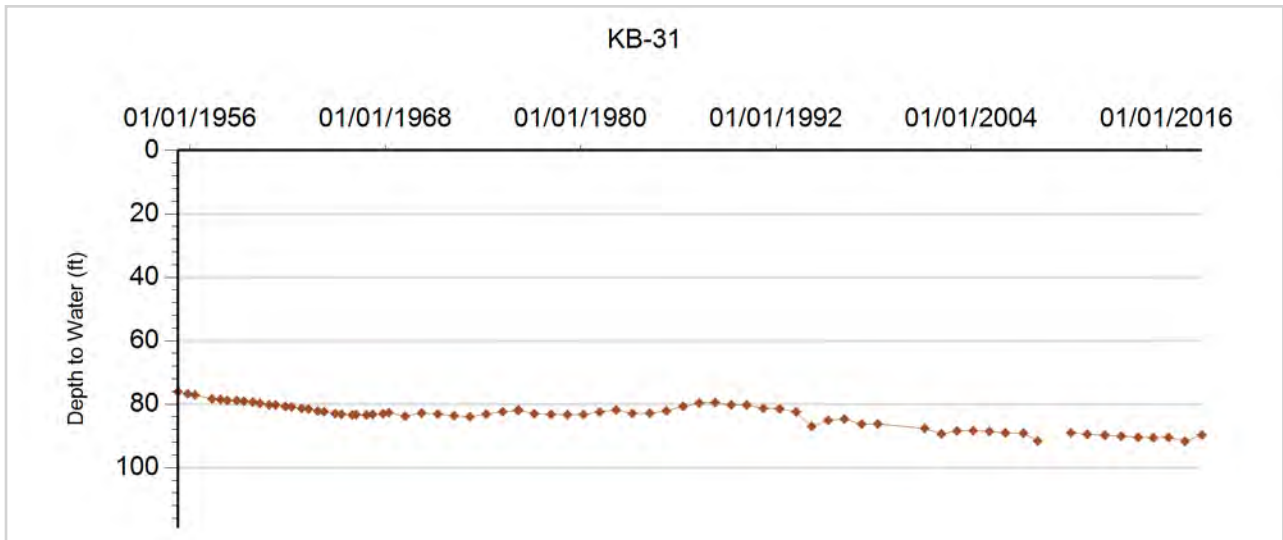
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 89.70 | 5012.99 | -1.99 |
| 02/23/2017 | 91.69 | 5011.00 | 1.24 |
| 02/18/2016 | 90.45 | 5012.24 | -0.10 |
| 03/11/2015 | 90.55 | 5012.14 | 0.10 |
| 04/08/2014 | 90.45 | 5012.24 | 0.40 |
| 03/26/2013 | 90.05 | 5012.64 | 0.30 |
| 03/19/2012 | 89.75 | 5012.94 | 0.28 |
| 02/17/2011 | 89.47 | 5013.22 | 0.49 |
| 02/16/2010 | 88.98 | 5013.71 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 5102.69
 Well Depth (ft): 119.00
 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: 04/06/1955 End Date: 03/06/2018
 Number of Measurements: 75





GROUNDWATER DETAILS

Well Name: KB-34
Permit Number: 20992-
WDID:
Data Source: DWR

Location Number: SC00306210CDD
USGS Site ID: 394749104184101
Applicant/Contact:

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | SE | SE | SW | 10 | 3.0 S | 62.0 W | S | 558928.5 | 4405400.4 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

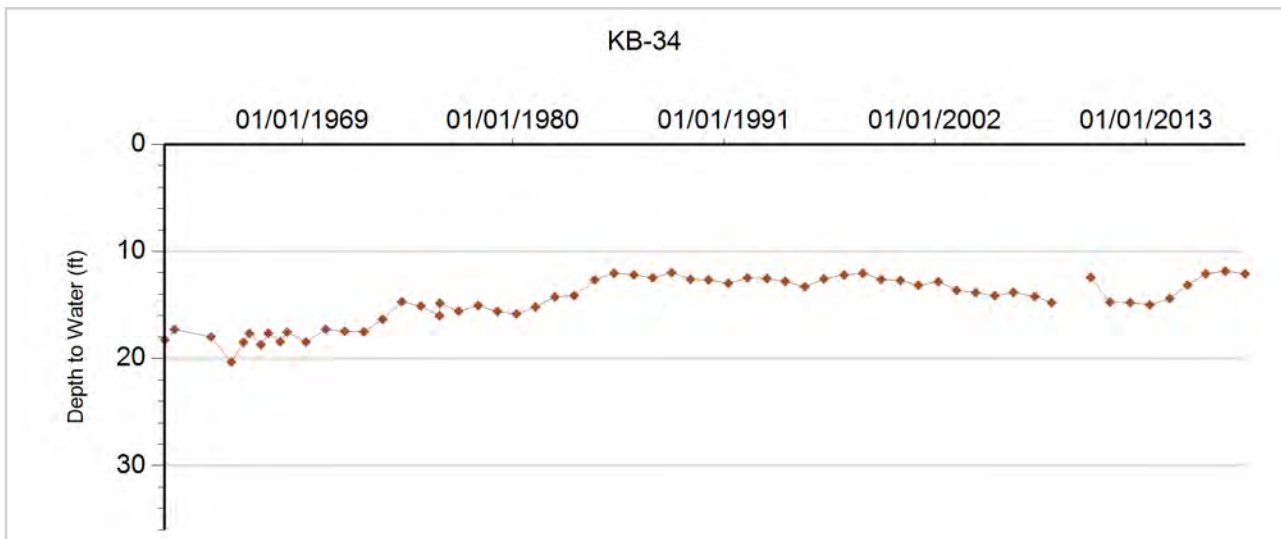
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 12.09 | 5233.72 | 0.25 |
| 02/23/2017 | 11.84 | 5233.97 | -0.24 |
| 02/17/2016 | 12.08 | 5233.73 | -1.06 |
| 03/10/2015 | 13.14 | 5232.67 | -1.25 |
| 04/03/2014 | 14.39 | 5231.42 | -0.59 |
| 03/20/2013 | 14.98 | 5230.83 | 0.20 |
| 03/08/2012 | 14.78 | 5231.03 | 0.05 |
| 02/17/2011 | 14.73 | 5231.08 | 2.31 |
| 02/16/2010 | 12.42 | 5233.39 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 5245.81
 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: 11/02/1961 End Date: 03/06/2018
 Number of Measurements: 61





GROUNDWATER DETAILS

Well Name: KB-35
Permit Number:
WDID:
Data Source: DWR

Location Number: SC00306220CCB
USGS Site ID: 394613104212601
Applicant/Contact:

Physical Location

| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| | | NW | SW | SW | 20 | 3.0 S | 62.0 W | S | 554967.5 | 4402427.4 | GPS |

Division: 1 **District:** 1
County: ADAMS
Designated Basin:
Management District:

Time Series Data - Ten Most Recent Reportings

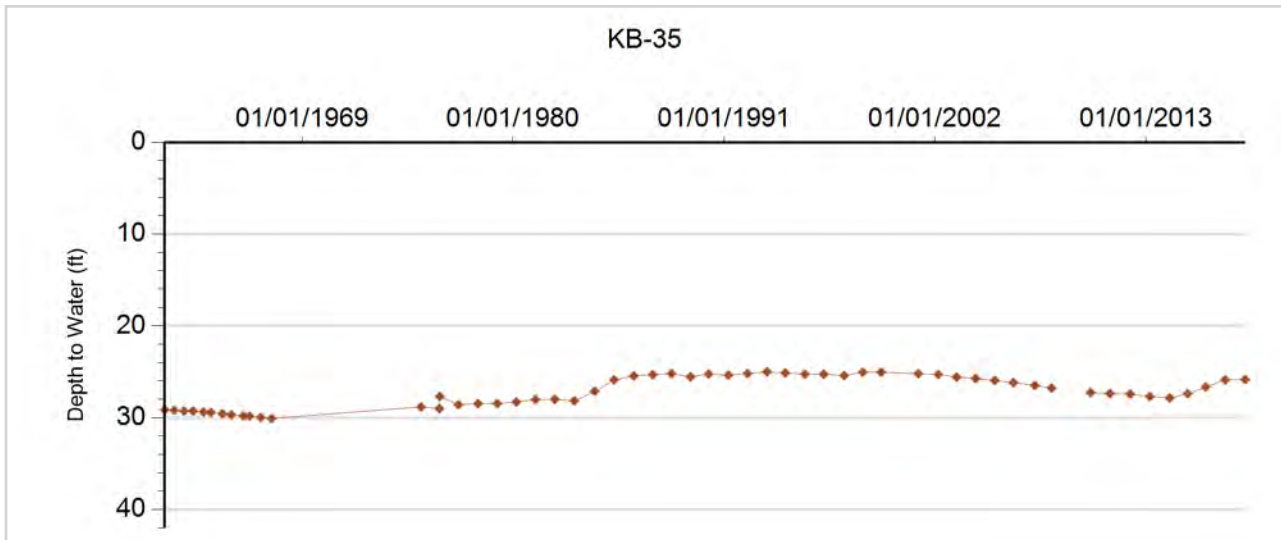
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 25.83 | 5306.04 | -0.04 |
| 02/23/2017 | 25.87 | 5306.00 | -0.78 |
| 02/17/2016 | 26.65 | 5305.22 | -0.73 |
| 03/10/2015 | 27.38 | 5304.49 | -0.46 |
| 04/03/2014 | 27.84 | 5304.03 | 0.15 |
| 03/20/2013 | 27.69 | 5304.18 | 0.27 |
| 03/08/2012 | 27.42 | 5304.45 | 0.06 |
| 02/17/2011 | 27.36 | 5304.51 | 0.11 |
| 02/16/2010 | 27.25 | 5304.62 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 5331.87
Well Depth (ft): 42.00
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: 11/03/1961 **End Date:** 03/06/2018
Number of Measurements: 56





GROUNDWATER DETAILS

Well Name: KB-39
Permit Number:
WDID:
Data Source: DWR

Location Number: SC00306326CCA
USGS Site ID: 394522104471001
Applicant/Contact:

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | NE | SW | SW | 26 | 3.0 S | 63.0 W | S | 550319.5 | 4400922.5 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

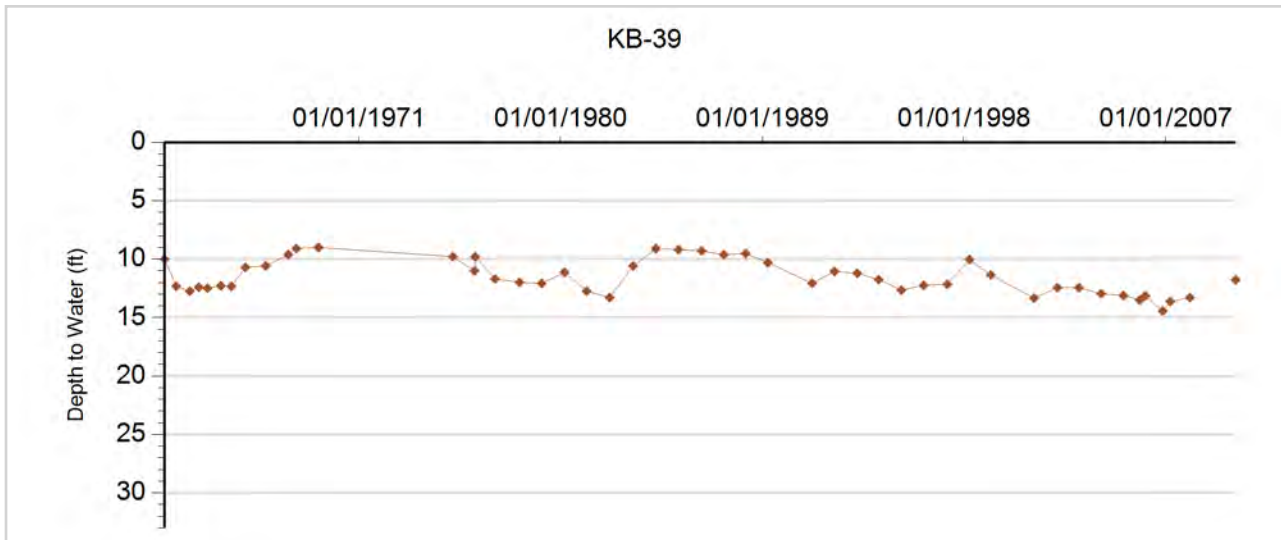
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 02/16/2010 | 11.77 | 5419.18 | |
| 01/01/2009 | | | |
| 02/04/2008 | 13.29 | 5417.66 | -0.34 |
| 03/20/2007 | 13.63 | 5417.32 | -0.80 |
| 02/06/2006 | 13.13 | 5417.82 | -0.37 |
| 02/14/2005 | 13.11 | 5417.84 | 0.15 |
| 02/17/2004 | 12.96 | 5417.99 | 0.52 |
| 02/18/2003 | 12.44 | 5418.51 | 0.00 |
| 03/06/2002 | 12.44 | 5418.51 | -0.90 |
| 02/20/2001 | 13.34 | 5417.61 | 1.99 |

Construction Information

Surface Elevation (ft): 5430.95
 Well Depth (ft): 33.00
 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: 05/03/1962 End Date: 02/16/2010
 Number of Measurements: 50





GROUNDWATER DETAILS

Well Name: KB-40
Permit Number: 9433-
WDID:
Data Source: DWR

Location Number: SC00105907CCB
USGS Site ID:
Applicant/Contact: ROARK

Physical Location

| | | | | | | | | | | | |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
| | | NW | SW | SW | 7 | 1.0 S | 59.0 W | S | 582111.6 | 4425830.8 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

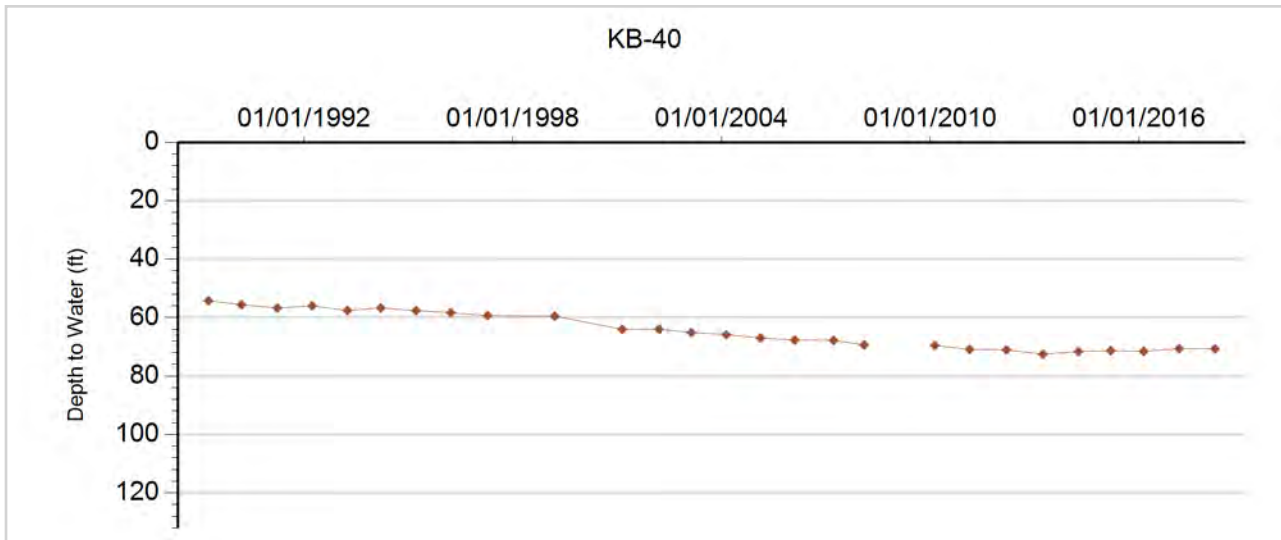
| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 70.70 | 4717.30 | 0.08 |
| 02/23/2017 | 70.62 | 4717.38 | -0.93 |
| 02/17/2016 | 71.55 | 4716.45 | 0.22 |
| 03/11/2015 | 71.33 | 4716.67 | -0.30 |
| 04/04/2014 | 71.63 | 4716.37 | -0.90 |
| 03/26/2013 | 72.53 | 4715.47 | 1.48 |
| 03/09/2012 | 71.05 | 4716.95 | 0.14 |
| 02/17/2011 | 70.91 | 4717.09 | 1.37 |
| 02/16/2010 | 69.54 | 4718.46 | |
| 01/01/2009 | | | |

Construction Information

Surface Elevation (ft): 4788.00
 Well Depth (ft): 132.00
 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: 03/31/1989 End Date: 03/06/2018
 Number of Measurements: 28





GROUNDWATER DETAILS

Well Name: KB-42
Permit Number: 10454-RFP
WDID:
Data Source: DWR

Location Number: SC00306313BDA
USGS Site ID:
Applicant/Contact: LARRY TOFT

Physical Location

| Dist N/S | Dist E/W | Q10 | Q40 | Q160 | Sec | Township | Range | PM | UTMx | UTMy | Location Accuracy |
|----------|----------|-----|-----|------|-----|----------|--------|----|----------|-----------|-------------------|
| 1384 N | 2203 W | NE | SE | NW | 13 | 3.0 S | 63.0 W | S | 552436.0 | 4404896.0 | GPS |

Division: 1 District: 1
 County: ADAMS
 Designated Basin: KIOWA-BIJOU
 Management District: NORTH KIOWA-BIJOU

Time Series Data - Ten Most Recent Reportings

| Date | Depth to Water Feet Below Land Surface | Elevation of Water (ft) | Change From Previous Measure (ft) |
|------------|--|-------------------------|-----------------------------------|
| 03/06/2018 | 9.10 | 5333.90 | 0.90 |
| 02/23/2017 | 8.20 | 5334.80 | 0.31 |
| 02/17/2016 | 7.89 | 5335.11 | -4.81 |
| 03/10/2015 | 12.70 | 5330.30 | |

Construction Information

Surface Elevation (ft): 5343.00
 Well Depth (ft): 22.00
 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: 03/10/2015 End Date: 03/06/2018
 Number of Measurements: 4

