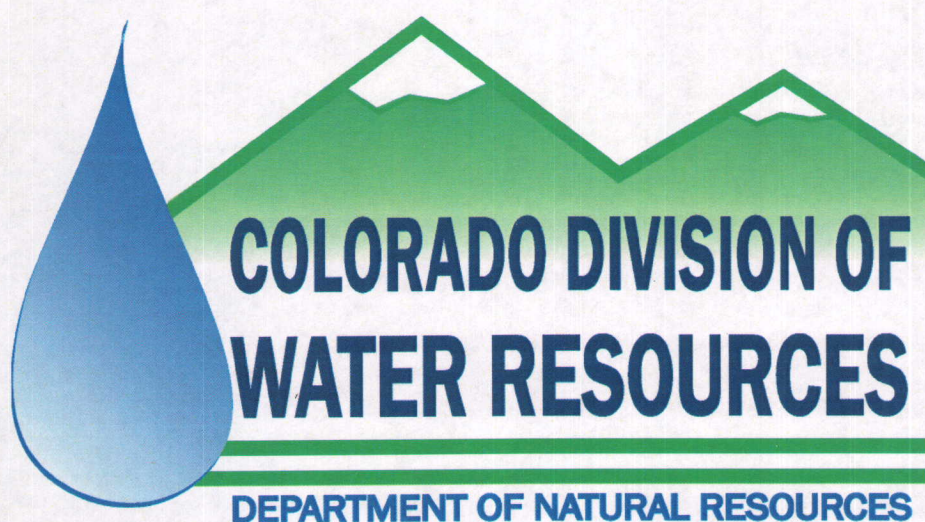


**GROUND WATER LEVELS
in the
NORTH KIOWA-BIJOU
DESIGNATED GROUND WATER BASIN
2010**



**by
Michael P Schaub**

**STATE OF COLORADO
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RESOURCES**

Bill Ritter, Jr.
Governor

James B Martin
Executive Director

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State Engineer

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Project Manager

NORTH KIOWA-BIJOU DESIGNATED GROUND WATER BASIN 2010

This report represents water level measurement data for the North Kiowa-Bijou Ground Water Management District for February 2010. The project was performed in cooperation with the Management District and with local well owners. Funding for the project is supplied in part from well permit fees collected and managed by the Office of the State Engineer as a cash fund designated for use in obtaining ground water information throughout the state.

A total of 33 wells were measured in February 2010. These wells are all part of the 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.

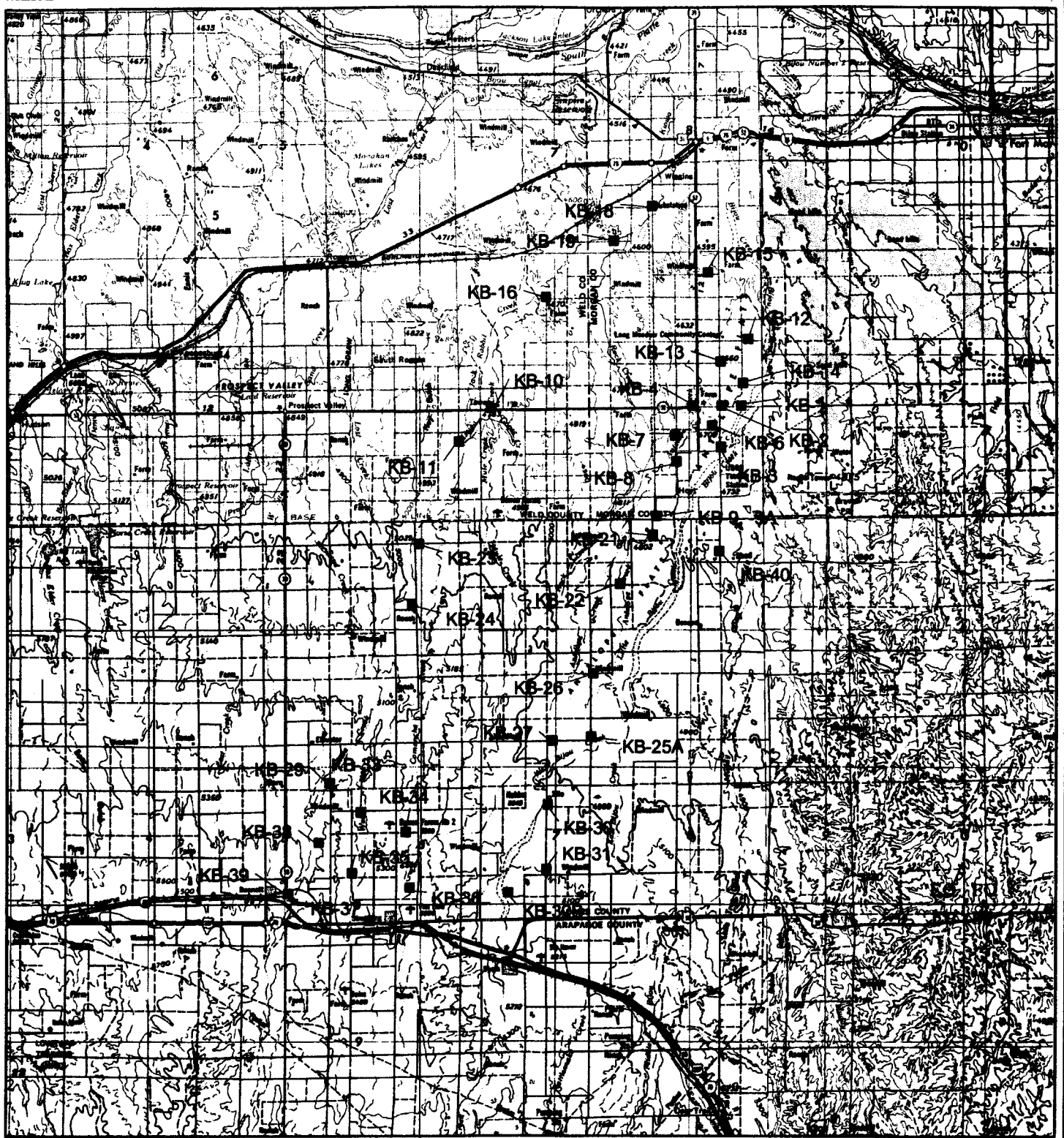
A map is included with the report showing the locations of the monitoring wells in the basin.

The well measurement program was suspended in 2009 for budget reasons, therefore, year-over-year comparisons of water level trends are not possible. Overall, ground water levels in wells measured by the Division of Water Resources in the Kiowa-Bijou Designated Basin have declined by 2.24 feet over the last five-year period and have declined by 8.73 feet over the last ten-year period. Please note that only seven wells measurements were available from 2000 for making the ten-year comparison.

Tabular data in this report are presented for each well for the previous ten years. Graphical data are presented for the entire period of record. Information concerning bedrock wells for the Denver Basin Aquifers will generally be available in June of each year and can be obtained from the Office of the State Engineer. Complete tabular data for the Kiowa-Bijou Designated Ground Water Basin are available by contacting the Office of the State Engineer.

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) 866-3447. 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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Kiowa-Bijou District Monitoring Well Locations



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KIOWA-BIJOU

Well Name: KB-1

Owner:

Permit #: - - **Location #:** SB00105905CCC2 **USGS Site ID:** 400425104010402

Division: 1 **Water District:** 1 **County:** MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SW SW SW 5 1 N 59 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4436390.5 Easting (UTM x): 583703.7 GPS

Latitude/Longitude (decimal degrees):

Surface Elevation (ft): 4679.17

Well depth (ft): 30

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

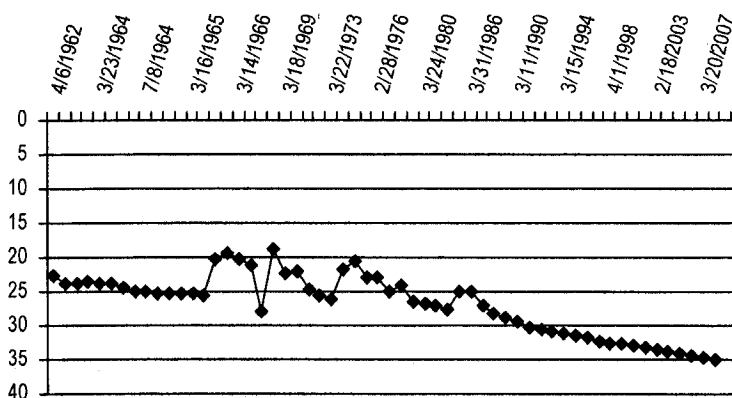
5 year:

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	32.83	4646.34	-0.33
3/6/2002	33.10	4646.07	-0.27
2/18/2003	33.47	4645.70	-0.37
2/17/2004	33.71	4645.46	-0.24
2/14/2005	34.18	4644.99	-0.47
2/6/2006	34.30	4644.87	-0.12
3/20/2007	34.66	4644.51	-0.36
2/26/2008	35.02	4644.15	-0.36
1/1/2009			
2/16/2010			

All Historic Measurements



Well Name: KB-2

Owner:

Permit #: - - **Location #:** SB00105906CCD **USGS Site ID:** 400426104020401

Division: 1 **Water District:** 1 **County:** MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SW SW SE 6 1 N 59 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4436382.1 Easting (UTM x): 582279.7 GPS

Latitude/Longitude (decimal degrees):

Surface Elevation (ft): 4693.25

Well depth (ft): 116

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

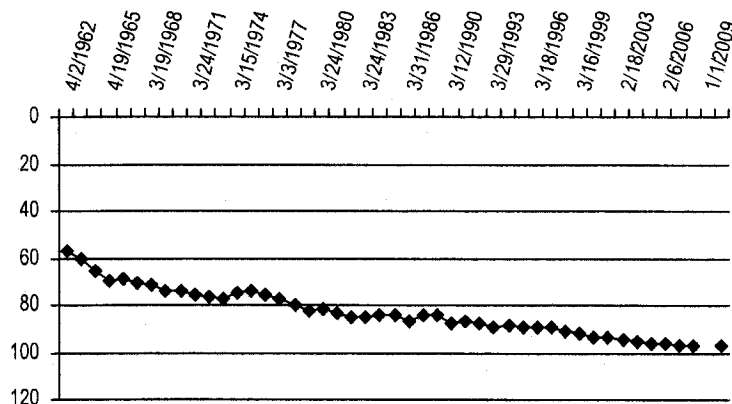
5 year: -1.04

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	93.70	4599.55	-2.00
3/6/2002	93.53	4599.72	0.17
2/18/2003	94.75	4598.50	-1.22
2/17/2004	95.48	4597.77	-0.73
2/14/2005	95.80	4597.45	-0.32
2/6/2006	96.58	4596.67	-0.78
3/20/2007	96.61	4596.64	-0.03
2/4/2008	96.93	4596.32	-0.32
1/1/2009			
2/16/2010	96.84	4596.41	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-3

Owner:

Permit #: - -

Location #: SB00105918CCC

USGS Site ID: 400246104021101

Division: 1 **Water District:** 1 **County:** MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SW SW SW 18 1 N 59 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4433371.9 Easting (UTM x): 582225.7 GPS

Latitude/Longitude (decimal degrees): 40.046577 -104.036068

Surface Elevation (ft): 4709

Well depth (ft): 116

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

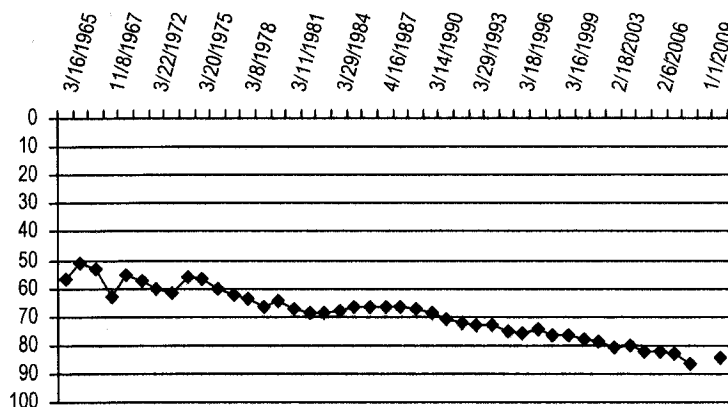
5 year: -2.44

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	78.15	4630.85	-1.43
3/6/2002	78.61	4630.39	-0.46
2/18/2003	80.52	4628.48	-1.91
2/17/2004	80.48	4628.52	0.04
2/14/2005	81.93	4627.07	-1.45
2/6/2006	82.51	4626.49	-0.58
3/20/2007	82.76	4626.24	-0.25
2/4/2008	86.23	4622.77	-3.47
1/1/2009			
2/16/2010	84.37	4624.63	

All Historic Measurements



Well Name: KB-4

Owner:

Permit #: - -

Location #: SB00106002DDD

USGS Site ID: 400426104033301

Division: 1 **Water District:** 1 **County:** MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SE SE SE 2 1 N 60 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4436365.8 Easting (UTM x): 580137.8 GPS

Latitude/Longitude (decimal degrees):

Surface Elevation (ft): 4700.98

Well depth (ft): 86

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

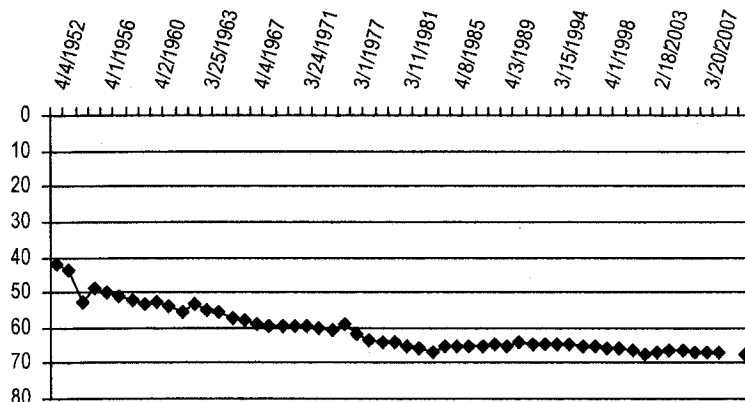
5 year: -0.84

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	66.18	4634.80	-0.34
3/6/2002	67.62	4633.36	-1.44
2/18/2003	66.68	4634.30	0.94
2/17/2004	66.38	4634.60	0.30
2/14/2005	66.60	4634.38	-0.22
2/6/2006	66.96	4634.02	-0.36
3/20/2007	66.89	4634.09	0.07
2/4/2008	66.93	4634.05	-0.04
1/1/2009			
2/16/2010	67.44	4633.54	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-6

Owner: HOGAN

Permit #: - -

Location #: SB00106012DCD

USGS Site ID: 400338104023501

Division: 1 **Water District:** 1 **County:** MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SE SW SE 12 1 N 60 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4434943.9 Easting (UTM x): 581561.8 GPS

Latitude/Longitude (decimal degrees): 40.060803 -104.043652

Surface Elevation (ft): 4707

Well depth (ft): 117

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

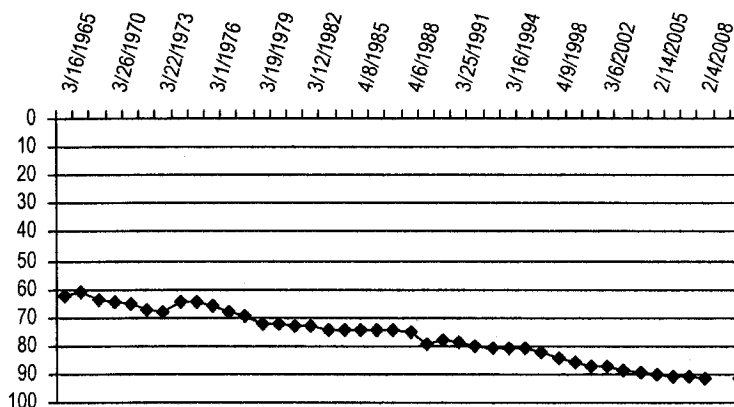
5 year: -1.36

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	87.40	4619.60	-1.70
3/6/2002	87.27	4619.73	0.13
2/18/2003	88.53	4618.47	-1.26
2/17/2004	89.43	4617.57	-0.90
2/14/2005	90.09	4616.91	-0.66
2/6/2006	90.82	4616.18	-0.73
3/20/2007	90.58	4616.42	0.24
2/4/2008	91.80	4615.20	-1.22
1/1/2009			
2/16/2010	91.45	4615.55	

All Historic Measurements



Well Name: KB-7

Owner:

Permit #: - -

Location #: SB00106015ADA

USGS Site ID: 400315104043101

Division: 1 **Water District:** 1 **County:** MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
NE SE NE 15 1 N 60 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4434190.9 Easting (UTM x): 578862.8 GPS

Latitude/Longitude (decimal degrees): 40.054276 -104.075387

Surface Elevation (ft): 4723

Well depth (ft): 85

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

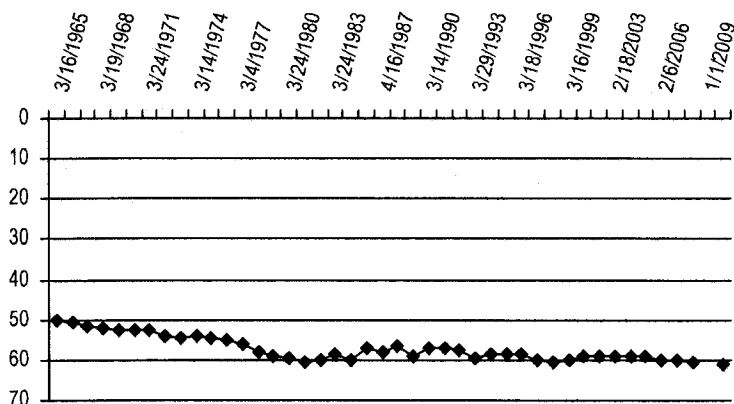
5 year: -1.75

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	59.20	4663.80	1.00
3/15/2002	58.98	4664.02	0.22
2/18/2003	59.13	4663.87	-0.15
2/17/2004	59.23	4663.77	-0.10
2/14/2005	59.32	4663.68	-0.09
2/6/2006	59.92	4663.08	-0.60
3/20/2007	60.12	4662.88	-0.20
2/4/2008	60.59	4662.41	-0.47
1/1/2009			
2/16/2010	61.07	4661.93	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-9, -9A

Owner: KOBOBEL

Permit #: - -

Location #: SB00106034CCC1,-CC2

USGS Site ID: 400004104053601

Division: 1 **Water District:** 1 **County:** MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SW SW SW 34 1 N 60 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4428360.9 Easting (UTM x): 577481.8 GPS

Latitude/Longitude (decimal degrees): 40.001884 -104.092273

Surface Elevation (ft): 4788

Well depth (ft): 96

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

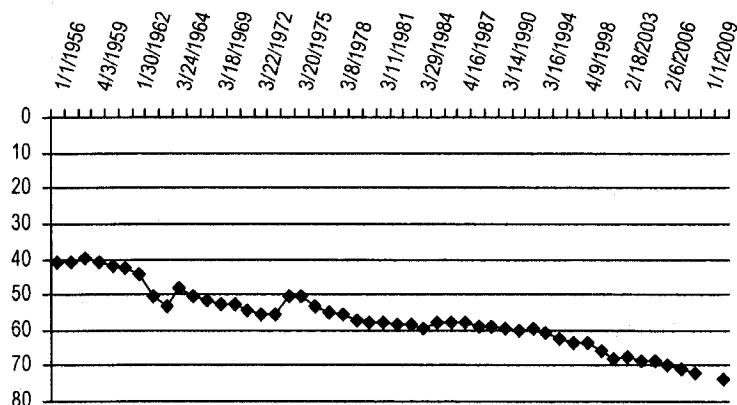
5 year: -4.80

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2001	65.80	4722.20	-2.35
3/6/2002	67.98	4720.02	-2.18
2/18/2003	67.43	4720.57	0.55
2/17/2004	68.58	4719.42	-1.15
2/14/2005	68.71	4719.29	-0.13
2/6/2006	69.70	4718.30	-0.99
3/20/2007	70.69	4717.31	-0.99
2/4/2008	72.04	4715.96	-1.35
1/1/2009			
2/16/2010	73.51	4714.49	

All Historic Measurements



Well Name: KB-10

Owner:

Permit #: - -

Location #: SB00106105DCC

USGS Site ID: 400425104140301

Division: 1 **Water District:** 1 **County:** WELD

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SE SW SW 5 1 N 61 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4436181.9 Easting (UTM x): 565211.1 GPS

Latitude/Longitude (decimal degrees): 40.073380 -104.235229

Surface Elevation (ft): 4775

Well depth (ft): 59

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

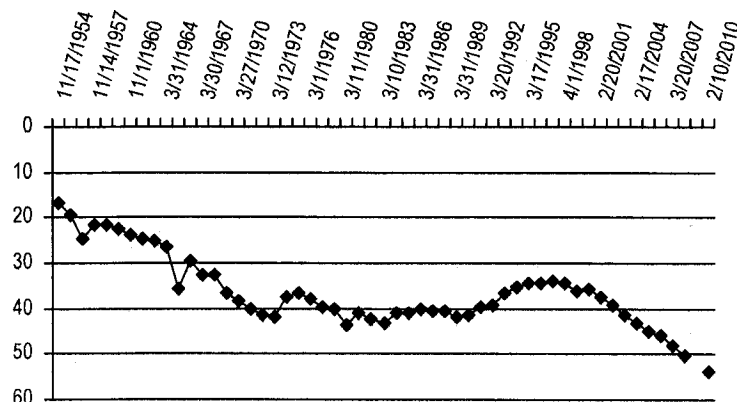
5 year: -9.09

10 year: -17.95

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/15/2000	35.95	4739.05	0.43
2/20/2001	37.50	4737.50	-1.55
3/6/2002	39.18	4735.82	-1.68
2/18/2003	41.65	4733.35	-2.47
2/17/2004	43.20	4731.80	-1.55
2/14/2005	44.81	4730.19	-1.61
2/6/2006	46.09	4728.91	-1.28
3/20/2007	47.97	4727.03	-1.88
2/4/2008	50.44	4724.56	-2.47
1/1/2009			
2/10/2010	53.90	4721.10	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-11

Owner: J&J COOKSEY FARMS

Permit #: - -

Location #: SB00106213ADD

USGS Site ID: 400306104154701

Division: 1

Water District: 1

County: WELD

Location: Q160 Q40 Q10

Section

Twnshp

Range

PM

Distance from section lines:

NE SE SE

13

1 N

62 W S

From N/S line:

From E/W line:

UTM Coordinates (NAD83): Northing (UTM y):

4433747.9

Easting (UTM x):

562834.1 GPS

Latitude/Longitude (decimal degrees):

40.051633

-104.263339

Surface Elevation (ft):

4821

Well depth (ft):

76

Aquifer(s):

QUATERNARY ALLUVIUM

Water Level Change

1 year:

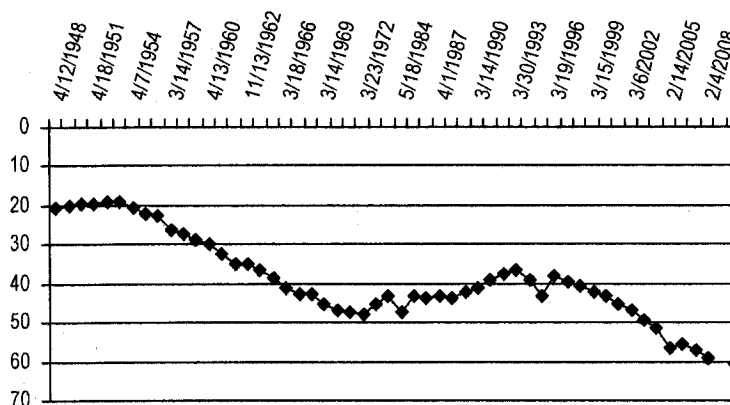
5 year: -4.18

10 year: -17.18

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/15/2000	43.40	4777.60	-1.28
2/20/2001	45.10	4775.90	-1.70
3/6/2002	46.79	4774.21	-1.69
2/18/2003	49.48	4771.52	-2.69
2/17/2004	51.62	4769.38	-2.14
2/14/2005	56.40	4764.60	-4.78
2/6/2006	55.74	4765.26	0.66
3/20/2007	57.35	4763.65	-1.61
2/4/2008	59.10	4761.90	-1.75
1/1/2009			
2/10/2010	60.58	4760.42	

All Historic Measurements



Well Name: KB-12

Owner: JACKIE RICHARDSON

Permit #: - -

Location #: SB00205920CDC

USGS Site ID: 400702104004001

Division: 1

Water District: 1

County: MORGAN

Location: Q160 Q40 Q10

Section

Twnshp

Range

PM

Distance from section lines:

SW SE SW

20

2 N

59 W S

From N/S line:

From E/W line:

UTM Coordinates (NAD83): Northing (UTM y):

4441223.5

Easting (UTM x):

584221.6 GPS

Latitude/Longitude (decimal degrees):

Surface Elevation (ft):

4645.201

Well depth (ft):

150

Aquifer(s):

QUATERNARY ALLUVIUM

Water Level Change

1 year:

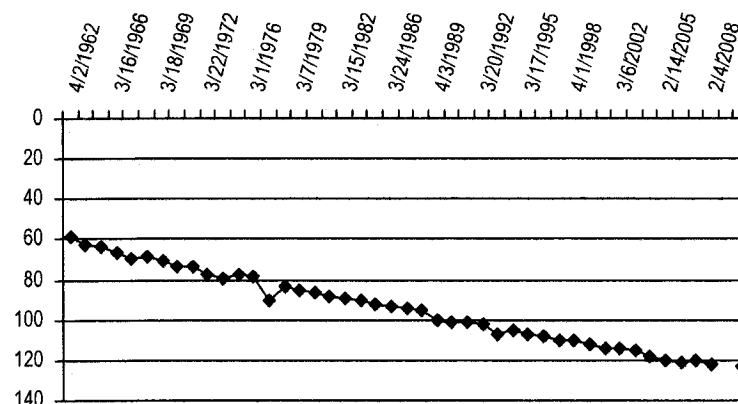
5 year: -2.76

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	114.24	4530.96	-2.42
3/6/2002	114.03	4531.17	0.21
2/18/2003	114.88	4530.32	-0.85
2/17/2004	118.58	4526.62	-3.70
2/14/2005	119.97	4525.23	-1.39
2/6/2006	120.84	4524.36	-0.87
3/20/2007	120.63	4524.57	0.21
2/4/2008	121.92	4523.28	-1.29
1/1/2009			
2/16/2010	122.73	4522.47	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-13

Owner:

Permit #: - -

Location #: SB00205930CCC

USGS Site ID: 400609104020701

Division: 1

Water District: 1

County: MORGAN

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SW SW SW 30 2 N 59 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4439600.8 Easting (UTM x): 582194.4 GPS

Latitude/Longitude (decimal degrees):

Surface Elevation (ft): 4664.63

Well depth (ft): 149

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

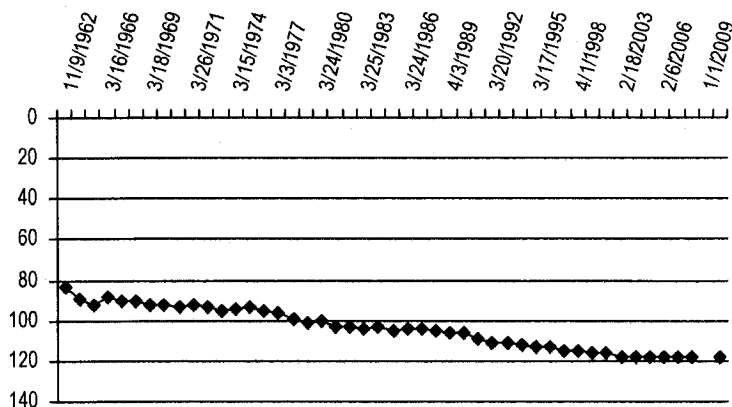
5 year: 0.45

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	116.23	4548.40	-0.93
3/6/2002	116.63	4548.00	-0.40
2/18/2003	117.71	4546.92	-1.08
2/17/2004	118.22	4546.41	-0.51
2/14/2005	118.26	4546.37	-0.04
2/6/2006	118.63	4546.00	-0.37
3/20/2007	117.86	4546.77	0.77
2/4/2008	118.16	4546.47	-0.30
1/1/2009			
2/16/2010	117.81	4546.82	

All Historic Measurements



Well Name: KB-14

Owner: GLEN FRIHAUF

Permit #: - -

Location #: SB00205932CCC

USGS Site ID: 400518104005801

Division: 1

Water District: 1

County: MORGAN

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SW SW SW 32 2 N 59 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4438032.9 Easting (UTM x): 583834.9 GPS

Latitude/Longitude (decimal degrees):

Surface Elevation (ft): 4673.7

Well depth (ft): 108

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

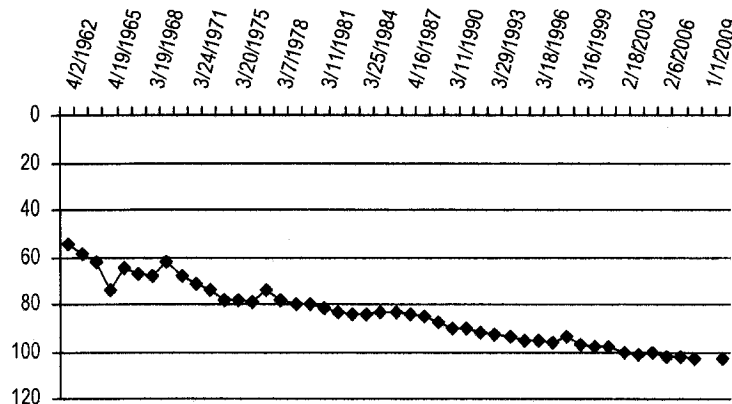
5 year: -2.01

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	97.60	4576.10	-0.40
3/6/2002	98.08	4575.62	-0.48
2/18/2003	100.12	4573.58	-2.04
2/17/2004	100.93	4572.77	-0.81
2/14/2005	100.66	4573.04	0.27
2/6/2006	102.12	4571.58	-1.46
3/20/2007	101.76	4571.94	0.36
2/4/2008	102.94	4570.76	-1.18
1/1/2009			
2/16/2010	102.67	4571.03	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-15

Owner:

Permit #: - -

Location #: SB00206001DCC1

USGS Site ID: 400938104024301

Division: 1 **Water District:** 1 **County:** MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SE SW SW 1 2 N 60 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4446024.9 Easting (UTM x): 581277.8 GPS

Latitude/Longitude (decimal degrees): 40.160652 -104.045587

Surface Elevation (ft): 4611

Well depth (ft): 171

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

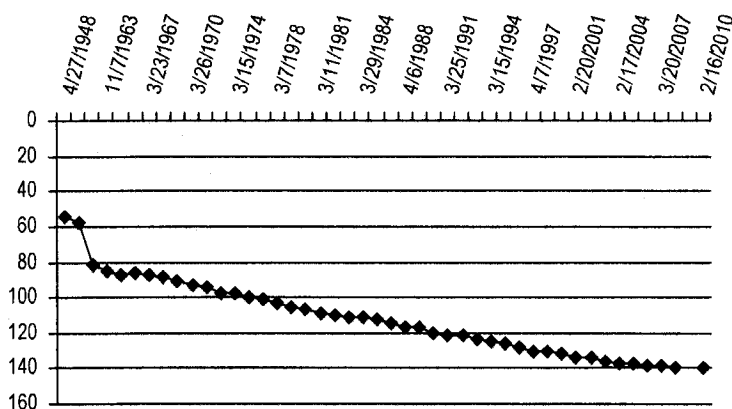
5 year: -1.95

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	133.90	4477.10	-2.65
3/6/2002	134.42	4476.58	-0.52
2/18/2003	136.39	4474.61	-1.97
2/17/2004	137.50	4473.50	-1.11
2/14/2005	137.76	4473.24	-0.26
2/6/2006	138.75	4472.25	-0.99
3/20/2007	138.83	4472.17	-0.08
2/4/2008	139.92	4471.08	-1.09
1/1/2009			
2/16/2010	139.71	4471.29	

All Historic Measurements



Well Name: KB-16

Owner:

Permit #: - -

Location #: SB00206111CCC

USGS Site ID: 400845104111101

Division: 1 **Water District:** 1 **County:** WELD

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SW SW SW 11 2 N 61 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4444220.9 Easting (UTM x): 569265.1 GPS

Latitude/Longitude (decimal degrees): 40.145477 -104.186827

Surface Elevation (ft): 4670

Well depth (ft): 83

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

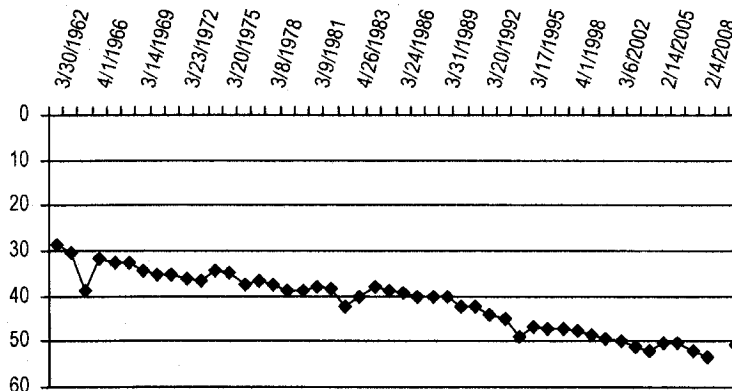
5 year: -0.30

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	49.60	4620.40	-1.06
3/6/2002	49.65	4620.35	-0.05
2/18/2003	51.17	4618.83	-1.52
2/17/2004	52.02	4617.98	-0.85
2/14/2005	50.35	4619.65	1.67
2/6/2006	50.37	4619.63	-0.02
3/20/2007	52.22	4617.78	-1.85
2/4/2008	53.33	4616.67	-1.11
1/1/2009			
2/16/2010	50.65	4619.35	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-18

Owner:

Permit #: - -

Location #: SB00306022CCC

USGS Site ID: 401214104053401

Division: 1

Water District: 1

County: MORGAN

Location: Q160 Q40 Q10

Section: 22 **Twnshp:** 3 **N** **Range:** 60 **W** **S**

Distance from section lines:

SW SW SW

From N/S line:

From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4450787.9

Easting (UTM x): 577156.9 **GPS**

Latitude/Longitude (decimal degrees):

40.203948

-104.093400

Surface Elevation (ft): 4568

Well depth (ft): 120

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

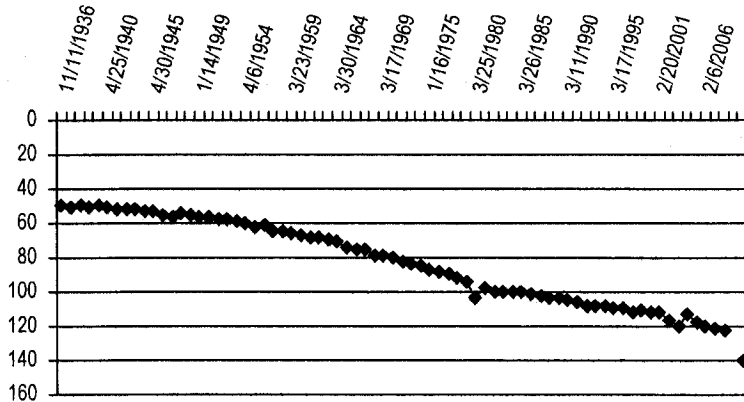
5 year: -22.48

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	112.30	4455.70	-0.81
3/6/2002	115.95	4452.05	-3.65
2/18/2003	119.88	4448.12	-3.93
2/17/2004	112.79	4455.21	7.09
2/14/2005	118.00	4450.00	-5.21
2/6/2006	119.99	4448.01	-1.99
3/20/2007	121.15	4446.85	-1.16
2/26/2008	122.30	4445.70	-1.15
1/1/2009			
2/16/2010	140.48	4427.52	

All Historic Measurements



Well Name: KB-19

Owner:

Permit #: - -

Location #: SB00306032CAB

USGS Site ID: 401055104073401

Division: 1

Water District: 1

County: MORGAN

Location: Q160 Q40 Q10

Section: 32 **Twnshp:** 3 **N** **Range:** 60 **W** **S**

Distance from section lines:

SW NE NW

From N/S line:

From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4448293.9

Easting (UTM x): 574328.0 **GPS**

Latitude/Longitude (decimal degrees):

40.181736

-104.126925

Surface Elevation (ft): 4598

Well depth (ft): 90

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

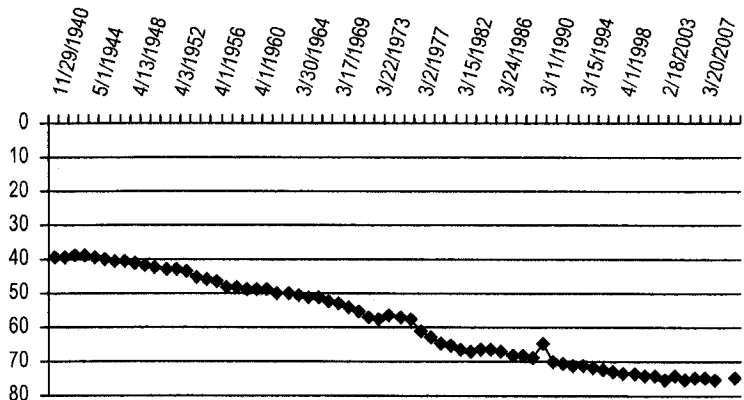
5 year: 0.70

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	74.00	4524.00	-0.60
3/6/2002	73.98	4524.02	0.02
2/18/2003	75.05	4522.95	-1.07
2/17/2004	74.07	4523.93	0.98
2/14/2005	75.19	4522.81	-1.12
2/6/2006	74.71	4523.29	0.48
3/20/2007	74.84	4523.16	-0.13
2/4/2008	75.09	4522.91	-0.25
1/1/2009			
2/16/2010	74.49	4523.51	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-40

Owner: ROARK

Permit #: - -

Location #: SC00105907CCB

USGS Site ID:

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Township Range PM Distance from section lines:

SW SW NW 7 1 S 59 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4425830.8 Easting (UTM x): 582111.6 GPS

Latitude/Longitude (decimal degrees): 39.978654 -104.038359

Surface Elevation (ft): 4788

Well depth (ft): 132

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

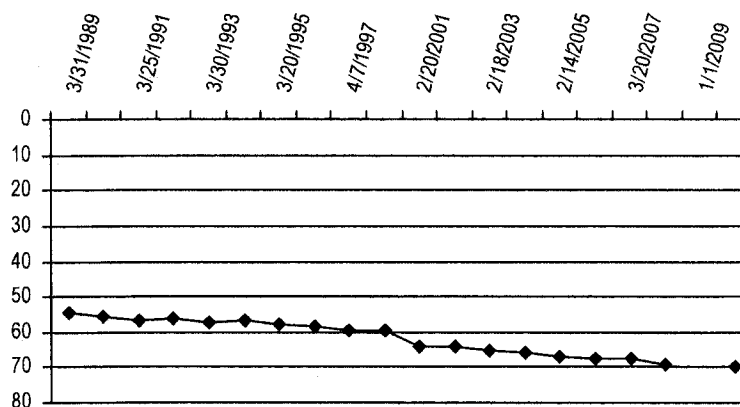
5 year: -2.55

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	64.00	4724.00	-4.50
3/15/2002	63.99	4724.01	0.01
2/18/2003	65.11	4722.89	-1.12
2/18/2004	65.83	4722.17	-0.72
2/14/2005	66.99	4721.01	-1.16
2/6/2006	67.69	4720.31	-0.70
3/20/2007	67.79	4720.21	-0.10
2/4/2008	69.35	4718.65	-1.56
1/1/2009			
2/16/2010	69.54	4718.46	

All Historic Measurements



Well Name: KB-21

Owner:

Permit #: - -

Location #: SC00106003CCB

USGS Site ID: 395918104054001

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Township Range PM Distance from section lines:

SW SW NW 3 1 S 60 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4427009.8 Easting (UTM x): 577207.8 GPS

Latitude/Longitude (decimal degrees): 39.989738 -104.095643

Surface Elevation (ft): 4801

Well depth (ft): 112

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

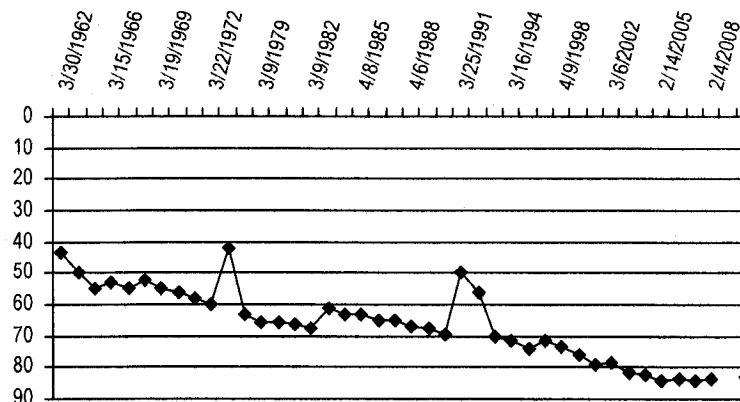
5 year: 0.80

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2001	78.84	4722.16	-2.73
3/6/2002	78.46	4722.54	0.38
2/18/2003	81.72	4719.28	-3.26
2/17/2004	82.55	4718.45	-0.83
2/14/2005	84.04	4716.96	-1.49
2/6/2006	83.34	4717.66	0.70
3/20/2007	84.10	4716.90	-0.76
2/4/2008	83.59	4717.41	0.51
1/1/2009			
2/16/2010	83.24	4717.76	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-22

Owner:

Permit #: - -

Location #: SC00106017CDD2

USGS Site ID: 395727104071701

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SW SE SE 17 1 S 60 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4423419.7 Easting (UTM x): 574793.7 GPS

Latitude/Longitude (decimal degrees): 39.957612 -104.124329

Surface Elevation (ft): 4831

Well depth (ft):

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

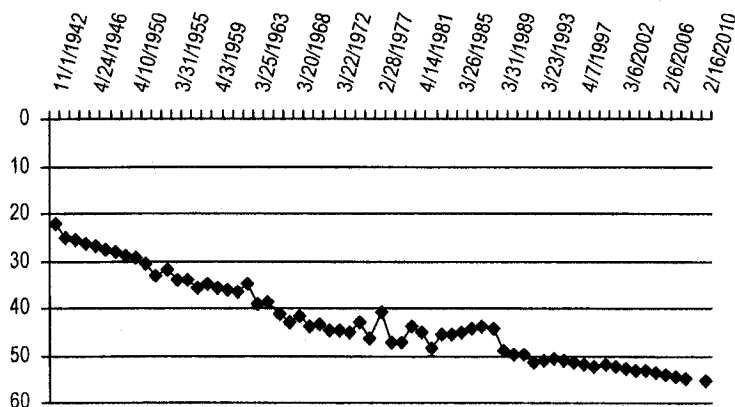
5 year: -1.69

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2001	52.53	4778.47	-0.77
3/6/2002	52.71	4778.29	-0.18
2/18/2003	53.05	4777.95	-0.34
2/17/2004	53.28	4777.72	-0.23
2/14/2005	53.76	4777.24	-0.48
2/6/2006	54.17	4776.83	-0.41
3/20/2007	54.56	4776.44	-0.39
2/4/2008	54.84	4776.16	-0.28
1/1/2009			
2/16/2010	55.45	4775.55	

All Historic Measurements



Well Name: KB-23

Owner:

Permit #: - -

Location #: SC00106202CDC

USGS Site ID: 395908104174601

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SW SE SW 2 1 S 62 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4426358.8 Easting (UTM x): 559868.0 GPS

Latitude/Longitude (decimal degrees): 39.985280 -104.298792

Surface Elevation (ft): 4931

Well depth (ft): 60

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

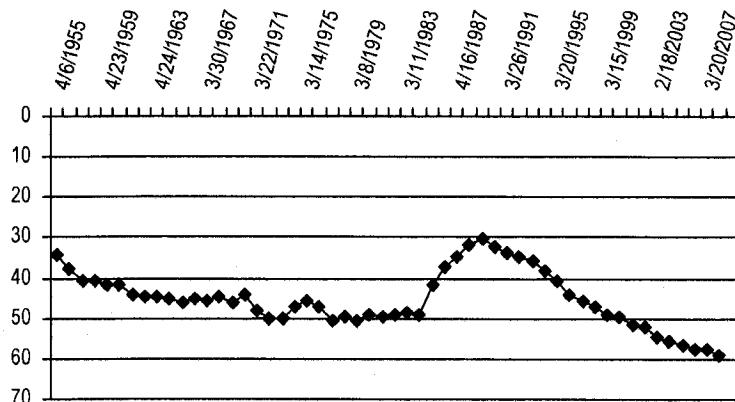
5 year: -5.84

10 year: -12.44

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/15/2000	49.80	4881.20	-0.88
2/20/2001	51.72	4879.28	-1.92
3/6/2002	52.29	4878.71	-0.57
2/18/2003	54.69	4876.31	-2.40
2/17/2004	55.67	4875.33	-0.98
2/14/2005	56.40	4874.60	-0.73
2/6/2006	57.53	4873.47	-1.13
3/20/2007	57.44	4873.56	0.09
2/4/2008	58.86	4872.14	-1.42
1/1/2009			
2/10/2010	62.24	4868.76	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-24

Owner: RICK KALLSEN

Permit #: - -

Location #: SC00106222DCA

USGS Site ID: 395643104183301

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SE SW NE 22 1 S 62 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4421993.7 Easting (UTM x): 559345.9 GPS

Latitude/Longitude (decimal degrees): 39.945991 -104.305305

Surface Elevation (ft): 4994

Well depth (ft): 85

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

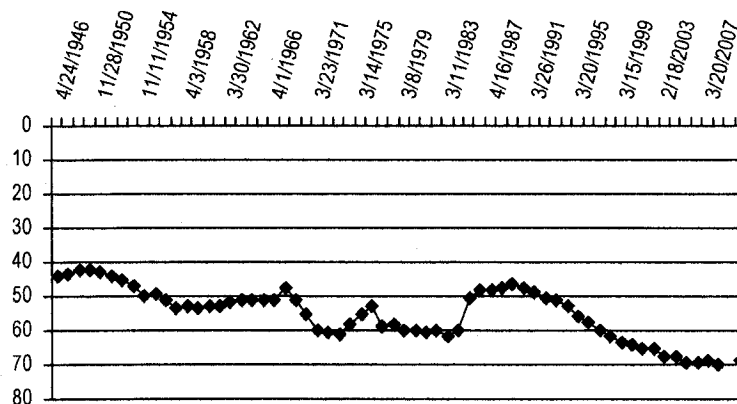
5 year: 0.56

10 year: -4.58

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/15/2000	64.35	4929.65	-0.81
2/20/2001	65.30	4928.70	-0.95
3/6/2002	65.50	4928.50	-0.20
2/18/2003	67.58	4926.42	-2.08
2/17/2004	67.53	4926.47	0.05
2/14/2005	69.49	4924.51	-1.96
2/6/2006	69.31	4924.69	0.18
3/20/2007	69.09	4924.91	0.22
2/4/2008	69.81	4924.19	-0.72
1/1/2009			
2/10/2010	68.93	4925.07	

All Historic Measurements



Well Name: KB-26

Owner:

Permit #: - -

Location #: SC00206006CCC

USGS Site ID: 395357104085401

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SW SW SW 6 2 S 60 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4416919.5 Easting (UTM x): 572799.6 GPS

Latitude/Longitude (decimal degrees): 39.899227 -104.148399

Surface Elevation (ft): 4908

Well depth (ft): 89

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

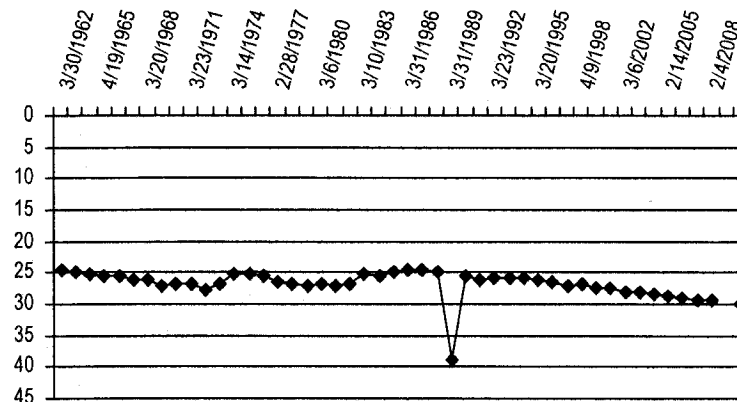
5 year: -1.16

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	27.60	4880.40	-0.05
3/6/2002	27.95	4880.05	-0.35
2/18/2003	28.22	4879.78	-0.27
2/17/2004	28.43	4879.57	-0.21
2/14/2005	28.71	4879.29	-0.28
2/6/2006	29.05	4878.95	-0.34
3/20/2007	29.29	4878.71	-0.24
2/4/2008	29.48	4878.52	-0.19
1/1/2009			
2/16/2010	29.87	4878.13	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-25A

Owner: RICK WAGNER

Permit #: - -

Location #: SC00206019DCC

USGS Site ID:

Division: 1 **Water District:** 1 **County:** ADAMS

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SE SW SW 19 2 S 60 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4412319.4 Easting (UTM x): 572658.5 GPS

Latitude/Longitude (decimal degrees): 39.857796 -104.150561

Surface Elevation (ft): 4953

Well depth (ft): 100

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

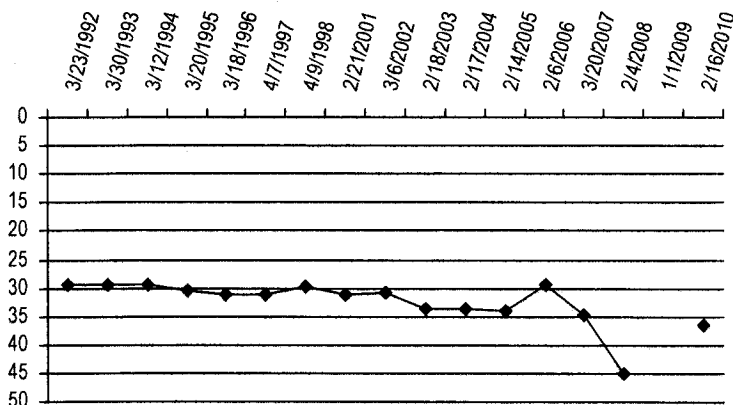
5 year: -2.42

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2001	31.15	4921.85	-1.35
3/6/2002	30.68	4922.32	0.47
2/18/2003	33.59	4919.41	-2.91
2/17/2004	33.71	4919.29	-0.12
2/14/2005	34.20	4918.80	-0.49
2/6/2006	29.49	4923.51	4.71
3/20/2007	34.89	4918.11	-5.40
2/4/2008	44.99	4908.01	-10.10
1/1/2009			
2/16/2010	36.62	4916.38	

All Historic Measurements



Well Name: KB-27

Owner: RICK WAGNER

Permit #: 11549 - F -

Location #: SC00206123CCD

USGS Site ID: 395119104105901

Division: 1 **Water District:** 1 **County:** ADAMS

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SW SW SE 23 2 S 61 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4412033.4 Easting (UTM x): 569795.5 GPS

Latitude/Longitude (decimal degrees): 39.855460 -104.184059

Surface Elevation (ft): 4976

Well depth (ft): 98

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

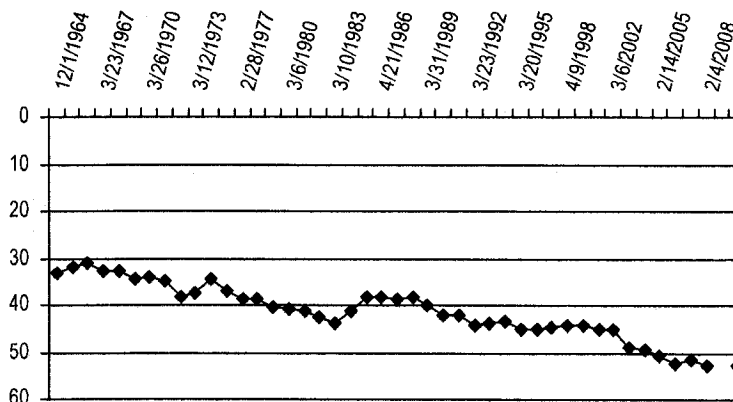
5 year: -2.09

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2001	44.99	4931.01	-0.74
3/6/2002	45.27	4930.73	-0.28
2/18/2003	48.73	4927.27	-3.46
2/17/2004	49.28	4926.72	-0.55
2/14/2005	50.56	4925.44	-1.28
2/6/2006	52.19	4923.81	-1.63
3/20/2007	51.64	4924.36	0.55
2/4/2008	52.61	4923.39	-0.97
1/1/2009			
2/16/2010	52.65	4923.35	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-29

Owner:

Permit #: - -

Location #: SC00206336DAD

USGS Site ID: 394944104223501

Division:

1

Water District:

1

County: ADAMS

Location:

Q160 Q40 Q10 Section

Twnshp

Range

PM

Distance from section lines:

SE NE SE 36

2 S

63 W S

From N/S line:

From E/W line:

UTM Coordinates (NAD83): Northing (UTM y):

4408968.6

Easting (UTM x):

553345.6 GPS

Latitude/Longitude (decimal degrees):

39.829041

-104.376603

Surface Elevation (ft):

5265

Well depth (ft):

31

Aquifer(s):

QUATERNARY ALLUVIUM

Water Level Change

1 year:

5 year:

-1.76

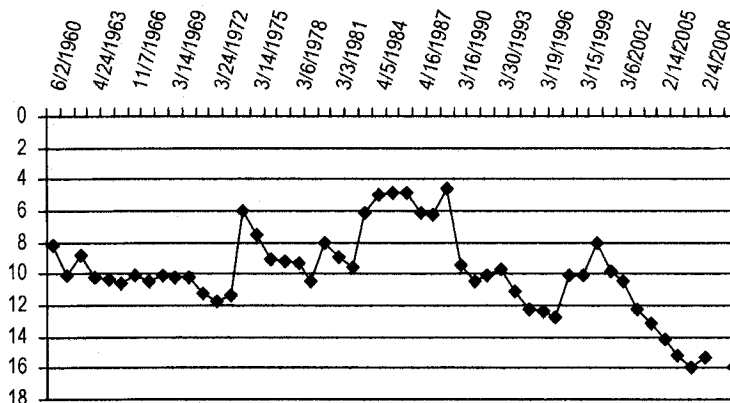
10 year:

-7.93

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/15/2000	8.00	5257.00	2.09
2/20/2001	9.85	5255.15	-1.85
3/6/2002	10.44	5254.56	-0.59
2/18/2003	12.27	5252.73	-1.83
2/17/2004	13.13	5251.87	-0.86
2/14/2005	14.17	5250.83	-1.04
2/6/2006	15.13	5249.87	-0.96
3/20/2007	15.92	5249.08	-0.79
2/4/2008	15.26	5249.74	0.66
1/1/2009			
2/16/2010	15.93	5249.07	

All Historic Measurements



Well Name: KB-30

Owner:

Permit #: - -

Location #: SC00306102CCB

USGS Site ID: 394850104111801

Division:

1

Water District:

1

County: ADAMS

Location:

Q160 Q40 Q10 Section

Twnshp

Range

PM

Distance from section lines:

SW SW NW 2

3 S

61 W S

From N/S line:

From E/W line:

UTM Coordinates (NAD83): Northing (UTM y):

4407361.3

Easting (UTM x):

569444.4 GPS

Latitude/Longitude (decimal degrees):

39.813397

-104.188659

Surface Elevation (ft):

5033

Well depth (ft):

118

Aquifer(s):

QUATERNARY ALLUVIUM

Water Level Change

1 year:

5 year:

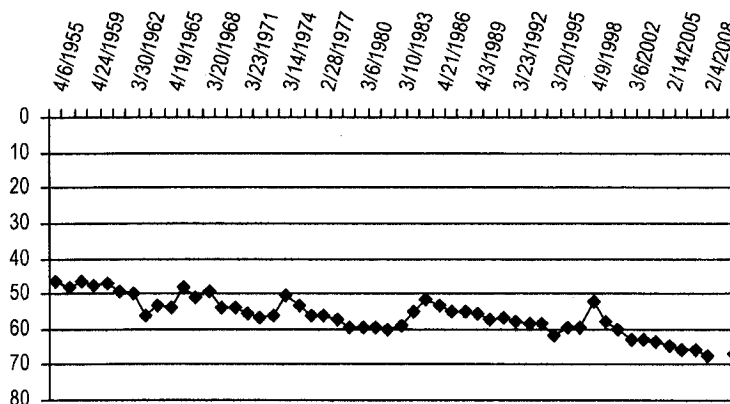
-2.53

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2001	59.91	4973.09	-2.11
3/6/2002	62.84	4970.16	-2.93
2/18/2003	62.87	4970.13	-0.03
2/17/2004	63.53	4969.47	-0.66
2/14/2005	64.62	4968.38	-1.09
2/6/2006	65.66	4967.34	-1.04
3/20/2007	65.68	4967.32	-0.02
2/4/2008	67.53	4965.47	-1.85
1/1/2009			
2/16/2010	67.15	4965.85	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-31

Owner:

Permit #:

Location #: SC00306122DDA

USGS Site ID: 394618104112301

Division:

1

Water District:

1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SE SE NE 22 3 S 61 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4402682.1 Easting (UTM x): 569356.3 GPS

Latitude/Longitude (decimal degrees): 39.771249 -104.190182

Surface Elevation (ft): 5100

Well depth (ft): 119

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

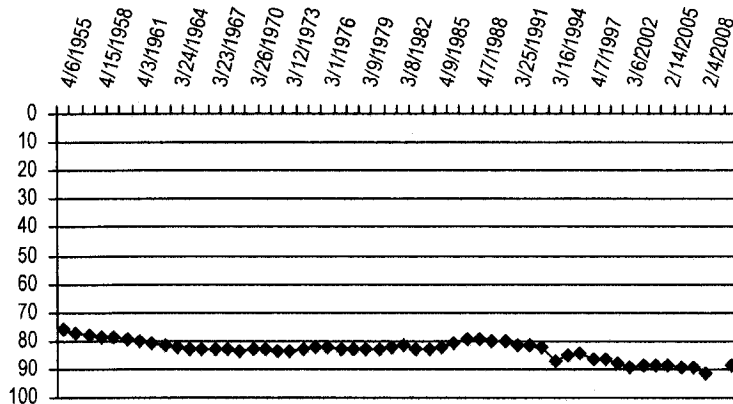
5 year: -0.41

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2001	87.62	5012.38	-1.40
3/6/2002	89.35	5010.65	-1.73
2/18/2003	88.42	5011.58	0.93
2/17/2004	88.32	5011.68	0.10
2/14/2005	88.57	5011.43	-0.25
2/6/2006	89.01	5010.99	-0.44
3/20/2007	89.11	5010.89	-0.10
2/4/2008	91.61	5008.39	-2.50
1/1/2009			
2/16/2010	88.98	5011.02	

All Historic Measurements



Well Name: KB-32B

Owner: COMANCHE LIVESTOCK

Permit #:

Location #: SC00306128CBD

USGS Site ID:

Division:

1

Water District:

1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SW NW SE 28 3 S 61 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4400971.1 Easting (UTM x): 566517.4 GPS

Latitude/Longitude (decimal degrees): 39.756060 -104.223501

Surface Elevation (ft): 5130

Well depth (ft):

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

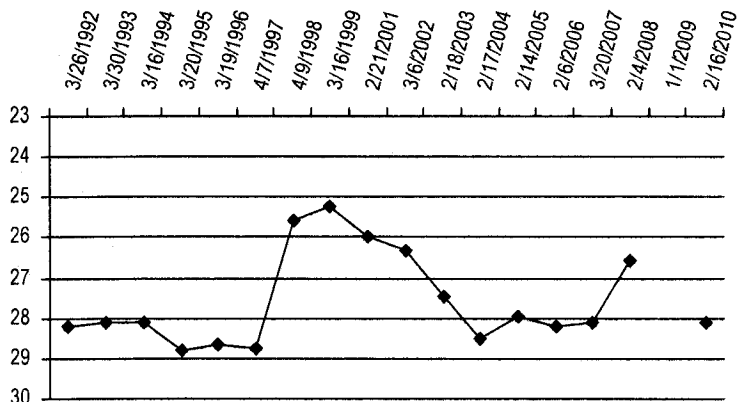
5 year: -0.15

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2001	26.00	5104.00	-0.77
3/6/2002	26.31	5103.69	-0.31
2/18/2003	27.48	5102.52	-1.17
2/17/2004	28.52	5101.48	-1.04
2/14/2005	27.97	5102.03	0.55
2/6/2006	28.21	5101.79	-0.24
3/20/2007	28.12	5101.88	0.09
2/4/2008	26.55	5103.45	1.57
1/1/2009			
2/16/2010	28.12	5101.88	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-33

Owner:

Permit #: - -

Location #: SC00306208BAA

USGS Site ID: 394833104205801

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

NW NE NE 8 3 S 62 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4406849.5 Easting (UTM x): 555613.6 GPS

Latitude/Longitude (decimal degrees): 39.809803 -104.350281

Surface Elevation (ft): 5255

Well depth (ft): 52

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

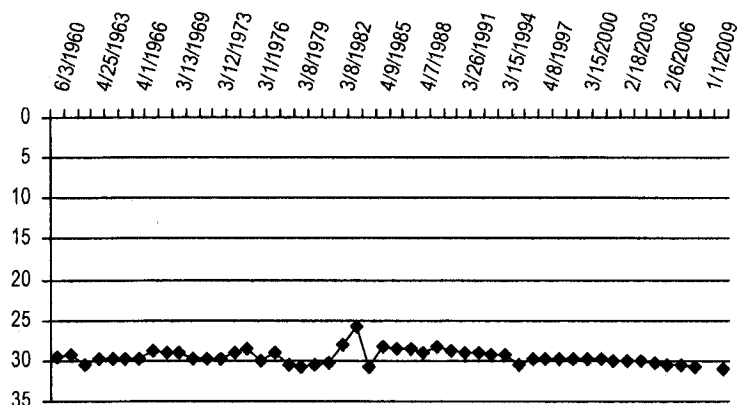
5 year: -0.67

10 year: -1.36

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/15/2000	29.70	5225.30	-0.02
2/20/2001	29.70	5225.30	0.00
3/6/2002	29.99	5225.01	-0.29
2/18/2003	30.08	5224.92	-0.09
2/17/2004	30.12	5224.88	-0.04
2/14/2005	30.39	5224.61	-0.27
2/6/2006	30.48	5224.52	-0.09
3/20/2007	30.65	5224.35	-0.17
2/4/2008	30.69	5224.31	-0.04
1/1/2009			
2/16/2010	31.06	5223.94	

All Historic Measurements



Well Name: KB-34

Owner:

Permit #: - -

Location #: SC00306210CDD

USGS Site ID: 394749104184101

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SW SE SE 10 3 S 62 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4405400.4 Easting (UTM x): 558928.5 GPS

Latitude/Longitude (decimal degrees): 39.796525 -104.311686

Surface Elevation (ft): 5243

Well depth (ft): 36

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

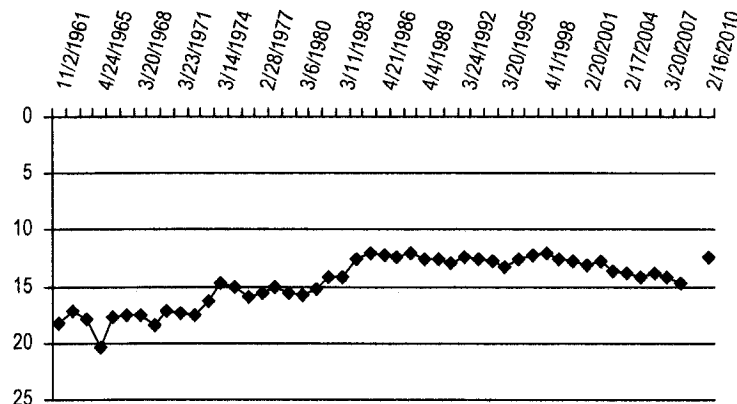
5 year: 1.71

10 year: 0.30

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/15/2000	12.72	5230.28	-0.10
2/20/2001	13.16	5229.84	-0.44
3/6/2002	12.82	5230.18	0.34
2/18/2003	13.63	5229.37	-0.81
2/17/2004	13.84	5229.16	-0.21
2/14/2005	14.13	5228.87	-0.29
2/6/2006	13.82	5229.18	0.31
3/20/2007	14.22	5228.78	-0.40
2/4/2008	14.78	5228.22	-0.56
1/1/2009			
2/16/2010	12.42	5230.58	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-35

Owner:

Permit #: - -

Location #: SC00306220CCB

USGS Site ID: 394613104212601

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SW SW NW 20 3 S 62 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4402427.4 Easting (UTM x): 554967.5 GPS

Latitude/Longitude (decimal degrees): 39.770005 -104.358199

Surface Elevation (ft): 5329

Well depth (ft): 42

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

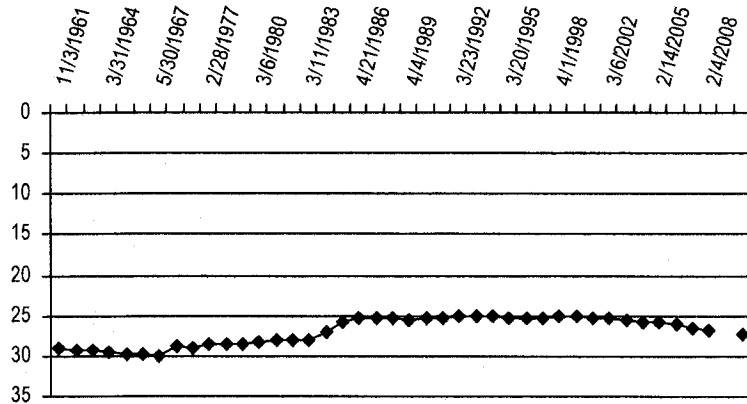
5 year: -1.32

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	25.20	5303.80	-0.16
3/6/2002	25.28	5303.72	-0.08
2/18/2003	25.57	5303.43	-0.29
2/17/2004	25.73	5303.27	-0.16
2/14/2005	25.93	5303.07	-0.20
2/6/2006	26.18	5302.82	-0.25
3/20/2007	26.47	5302.53	-0.29
2/4/2008	26.76	5302.24	-0.29
1/1/2009			
2/16/2010	27.25	5301.75	

All Historic Measurements



Well Name: KB-36

Owner:

Permit #: - -

Location #: SC00306227ACC

USGS Site ID: 394537104183001

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

NE SW SW 27 3 S 62 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4401378.3 Easting (UTM x): 559224.4 GPS

Latitude/Longitude (decimal degrees): 39.760267 -104.308593

Surface Elevation (ft): 5322

Well depth (ft): 46

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

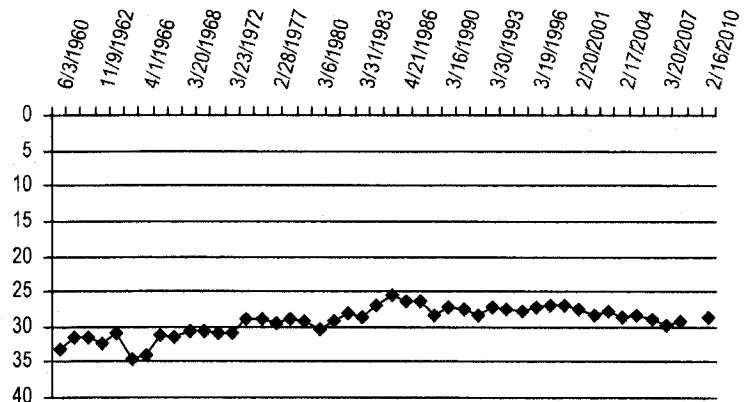
5 year: -0.38

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	27.45	5294.55	-0.45
3/6/2002	28.48	5293.52	-1.03
2/18/2003	27.91	5294.09	0.57
2/17/2004	28.66	5293.34	-0.75
2/14/2005	28.29	5293.71	0.37
2/6/2006	28.89	5293.11	-0.60
3/20/2007	29.70	5292.30	-0.81
2/4/2008	29.21	5292.79	0.49
1/1/2009			
2/16/2010	28.67	5293.33	

All Historic Measurements



KIOWA-BIJOU

Well Name: KB-37

Owner:

Permit #: - -

Location #: SC00306232DDC

USGS Site ID: 394418104203301

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SE SE SW 32 3 S 62 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4398936.3 Easting (UTM x): 556289.4 GPS

Latitude/Longitude (decimal degrees): 39.738465 -104.343064

Surface Elevation (ft): 5380

Well depth (ft): 51

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

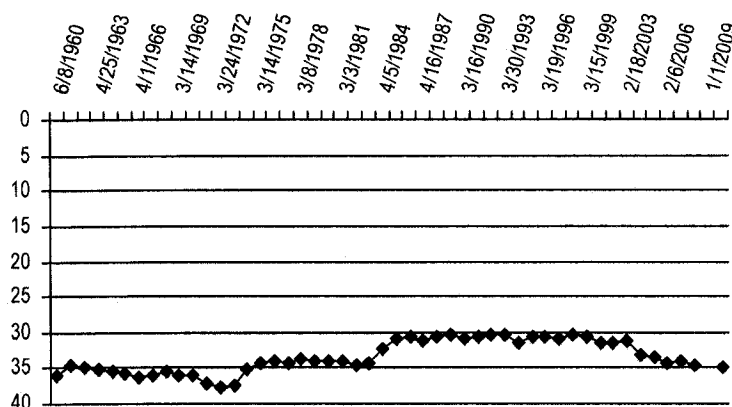
5 year: -1.45

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	31.50	5348.50	-1.00
3/6/2002	31.52	5348.48	-0.02
2/18/2003	31.24	5348.76	0.28
2/17/2004	33.15	5346.85	-1.91
2/14/2005	33.42	5346.58	-0.27
2/6/2006	34.21	5345.79	-0.79
3/20/2007	34.17	5345.83	0.04
2/4/2008	34.68	5345.32	-0.51
1/1/2009			
2/16/2010	34.87	5345.13	

All Historic Measurements



Well Name: KB-39

Owner:

Permit #: - -

Location #: SC00306326CAA

USGS Site ID: 394522104471001

Division: 1

Water District: 1

County: ADAMS

Location:

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SW NE NE 26 3 S 63 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4400922.5 Easting (UTM x): 550319.5 GPS

Latitude/Longitude (decimal degrees): 39.756733 -104.412582

Surface Elevation (ft): 5428

Well depth (ft): 33

Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change

1 year:

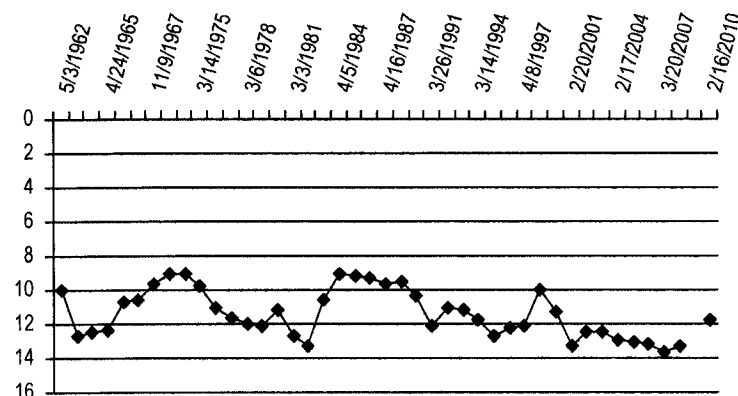
5 year: 1.34

10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/20/2001	13.34	5414.66	-1.99
3/6/2002	12.44	5415.56	0.90
2/18/2003	12.44	5415.56	0.00
2/17/2004	12.96	5415.04	-0.52
2/14/2005	13.11	5414.89	-0.15
2/6/2006	13.13	5414.87	-0.02
3/20/2007	13.63	5414.37	-0.50
2/4/2008	13.29	5414.71	0.34
1/1/2009			
2/16/2010	11.77	5416.23	

All Historic Measurements



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