

GROUNDWATER LEVELS
in the
UPPER BIG SANDY
DESIGNATED GROUND WATER BASIN
2014



by
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COLORADO
Division of Water Resources
Department of Natural Resources

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GROUND WATER LEVELS IN THE UPPER BIG SANDY DESIGNATED BASIN 2014

This report contains the basic groundwater level data collected in the Upper Big Sandy Designated Ground Water Basin during the Spring of 2014. Tabular data are presented for the period 2004 through 2014 and graphical data show the entire water level monitoring record for each well. A separate report was not published for 2013. Acquisition and publication of this information is a cooperative effort between the Upper Big Sandy Ground Water Management District 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.

With the exception of one group of wells, the wells in this report are listed by township, range, and section, beginning at the north end of the basin and proceeding south. The exception consists of five of the seven monitoring and production wells owned by the Town of Limon. The data sheets for the five monitoring wells located in the vicinity of the town have all been placed together at the back of the report. The data sheets for the town's Frasier Farms production well and the well identified as Big Sandy No. 4 are indexed by location. The maps that follow portray the designated basin boundary, mapped extent of alluvium, and trace of Big Sandy Creek and include:

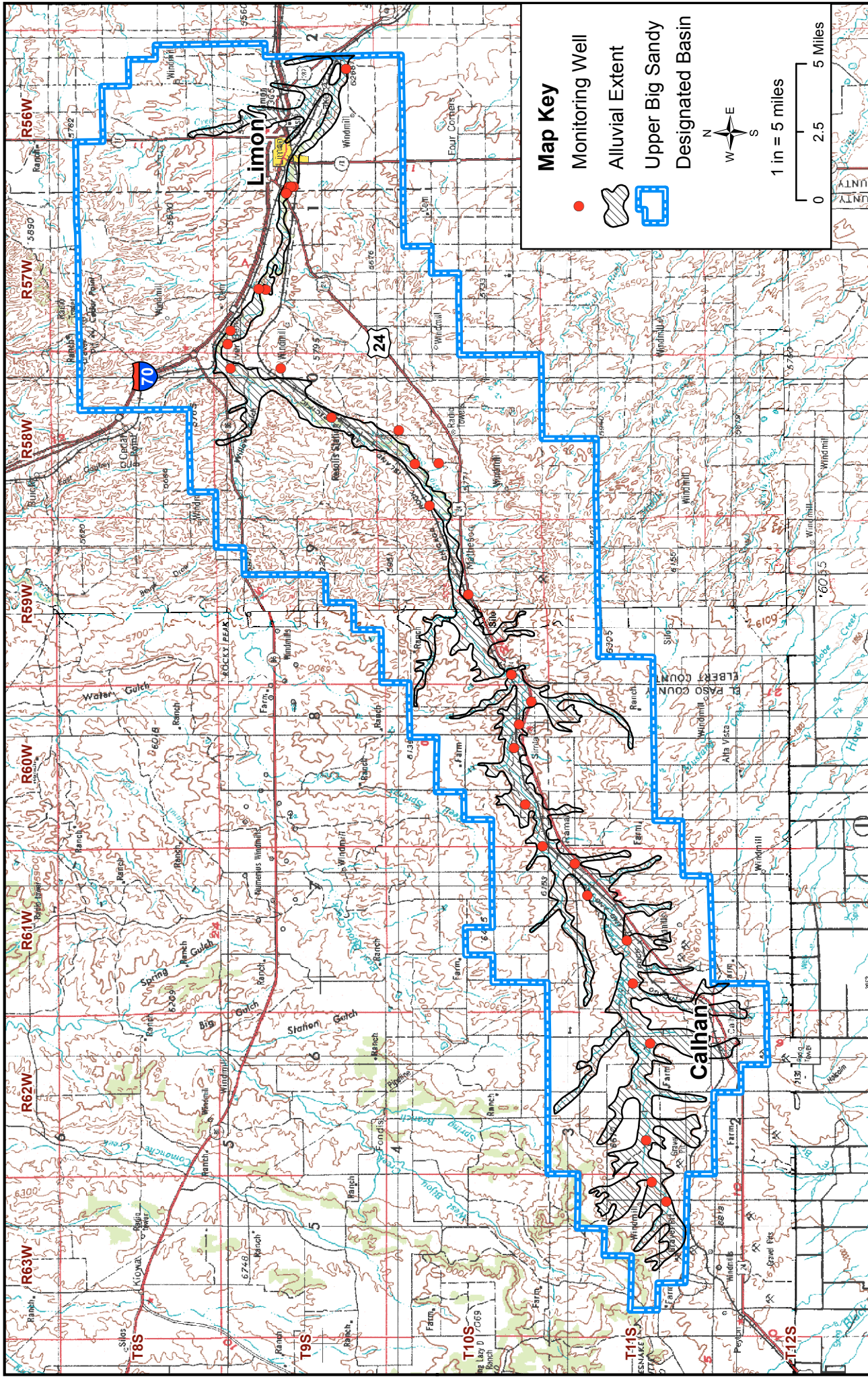
- Monitoring well location map over the entire designated ground water basin
- Monitoring well locations and ID numbers in the western half of the basin
- Monitoring well locations and ID numbers in the eastern half of the basin
- Monitoring well locations and ID numbers in the Limon well field

The report contains new water level measurements for 28 wells. 2014 water level measurements were taken between May 19th and 21st. Depths to groundwater, below land surface, ranged from 6 to 53 feet, much the same as in years past. In general, wells located closer to the creek channel had shallower water levels. Water levels exceeding 30 feet were associated with wells located in the upland portions of the alluvial valley.



Overall, ground water levels in wells measured by the Division of Water Resources were similar to 2013, but it should be noted that the 2014 monitoring event occurred in late May. Seasonal pumping had commenced in some areas of the basin and is likely to have affected local water levels. Some water levels declined and some rose compared to 2013, but none fluctuated more than two feet from the previous year's measurement. Long term, 10-year trends, indicate that: 1) water levels in the reach around Limon have increased slightly (0.5-3 ft); 2) water levels in the reach between River Bend and Simla have declined the most (1-6 ft); water levels in the reach between Simla and Ramah Reservoir have declined slightly (1-3 ft); and water levels upstream of Ramah Reservoir have remained relatively stable since 2004.

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. Additionally, digital versions of this report, in Adobe PDF format, may be viewed or downloaded from the Division's website, <http://water.state.co.us/groundwater/Pages/HydroGeo.aspx>. The data may be accessed on the internet at the Colorado Decision Support System website <http://cdss.state.co.us> and can be exported to in number of different formats.

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Map Key

- Monitoring Well
-  Alluvial Extent
-  Upper Big Sandy Designated Basin

1 in = 5 miles

0 2.5 5 Miles

N
W E
S

State of Colorado -- Division of Water Resources

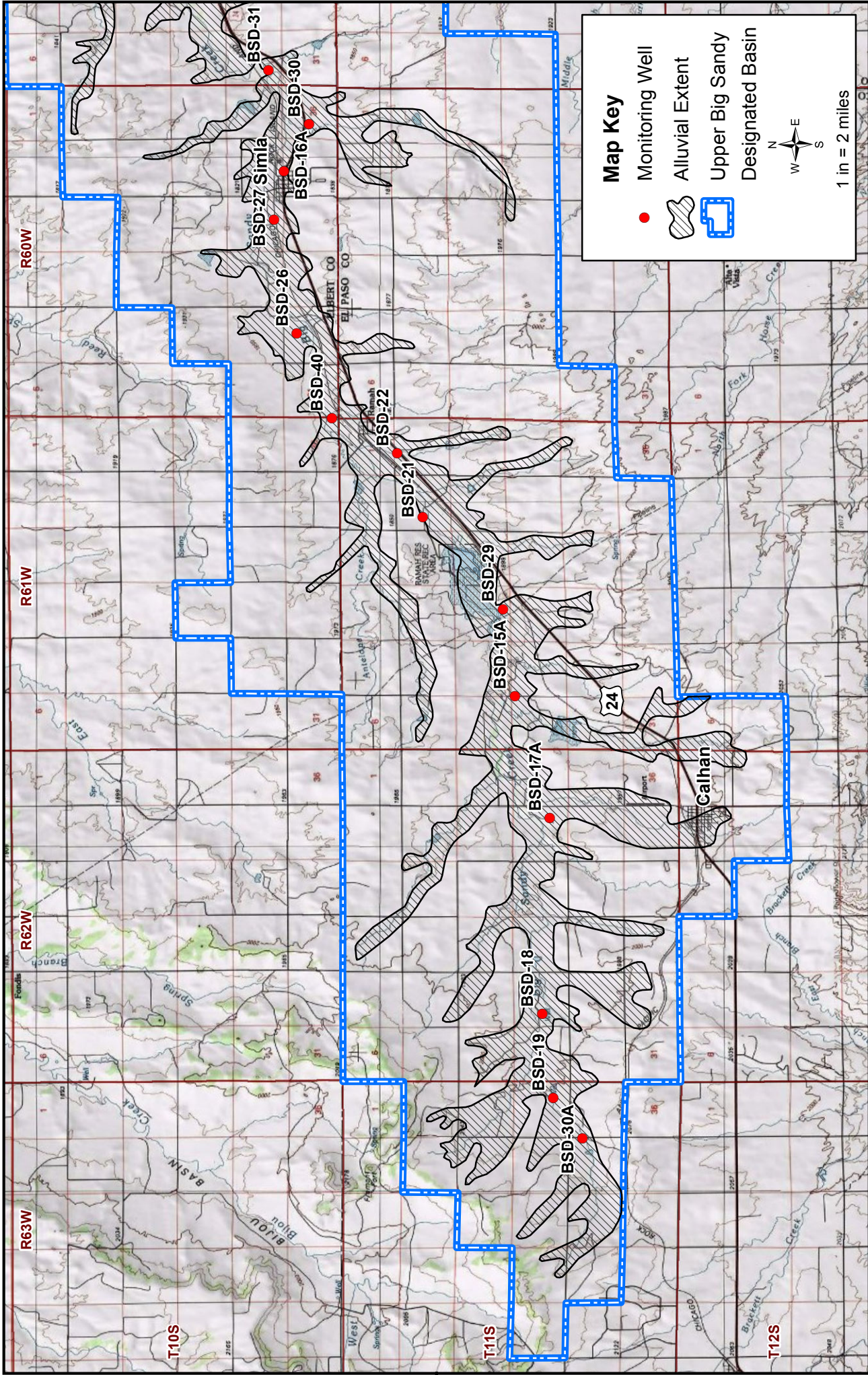
Upper Big Sandy Designated Ground Water Basin

Monitoring Well Locations

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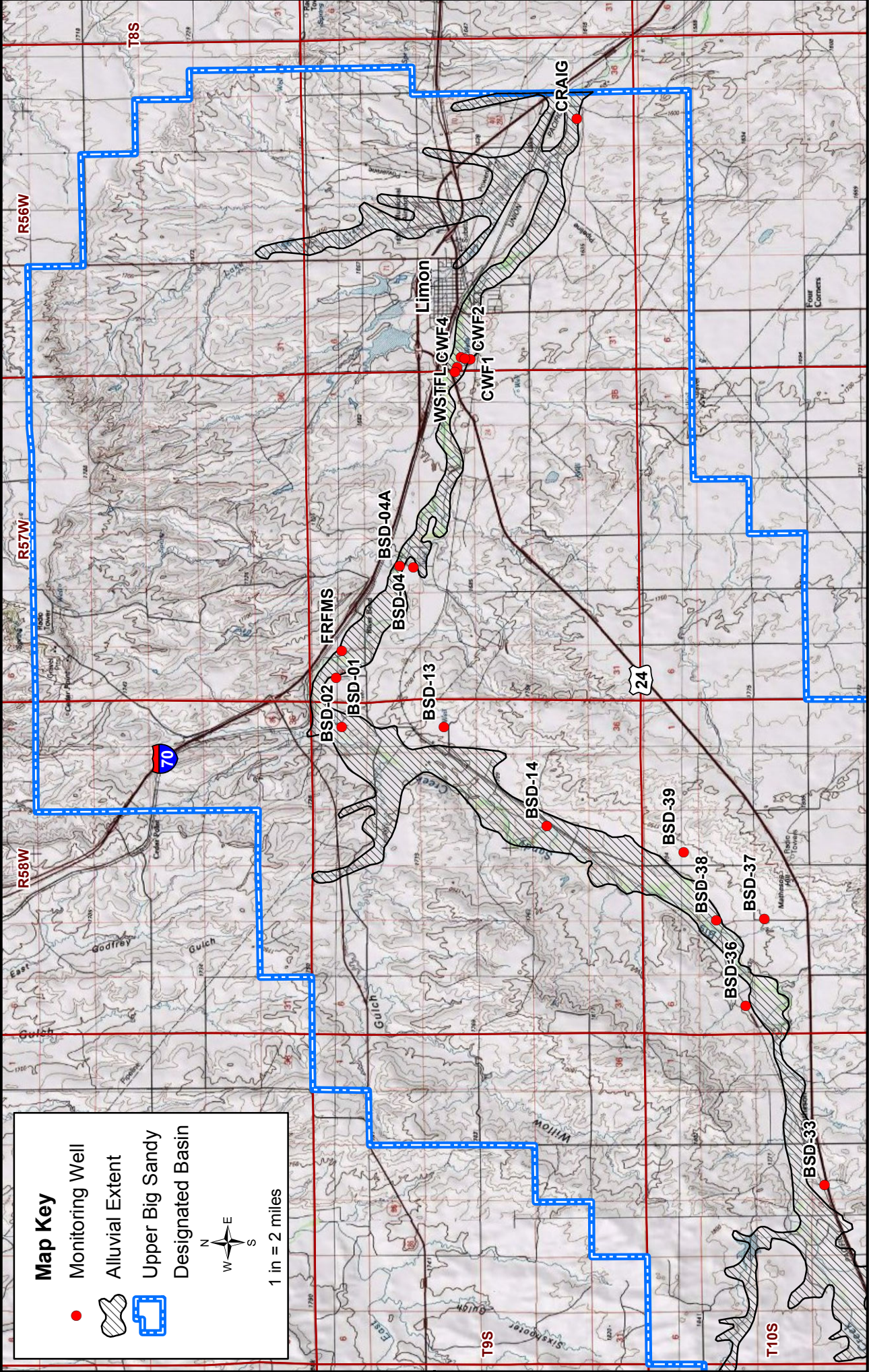
State of Colorado -- Division of Water Resources

Upper Big Sandy Designated Ground Water Basin Monitoring Well Locations (West Portion)

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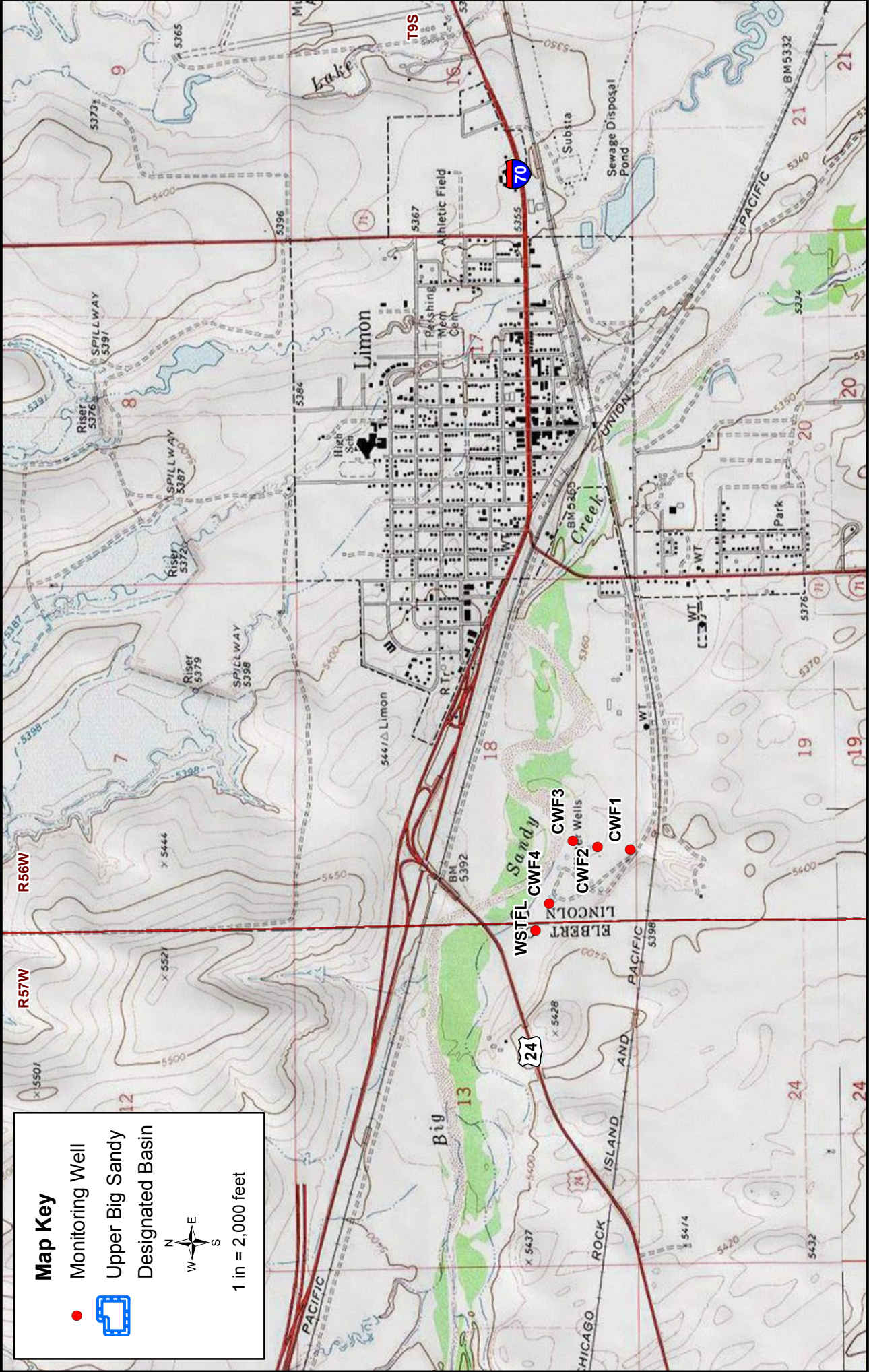
State of Colorado -- Division of Water Resources

Upper Big Sandy Designated Ground Water Basin Monitoring Well Locations (East Portion)

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Upper Big Sandy Designated Ground Water Basin Monitoring Well Locations (Limon Well Field)

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UPPER BIG SANDY

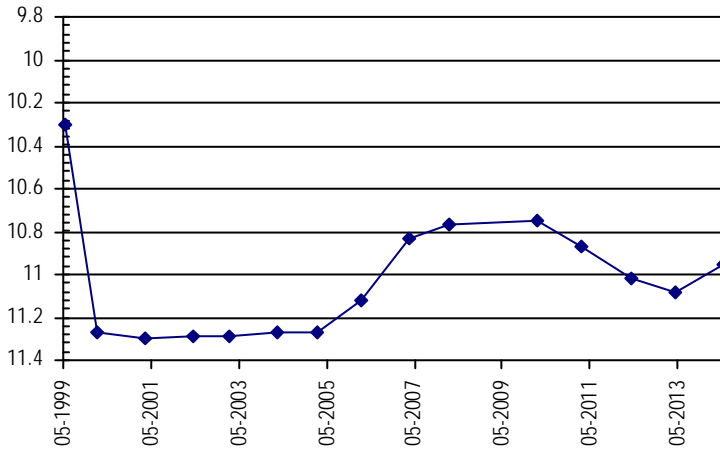
Well Name: JOHN CRAIG **Owner:** UPPER BIG SANDY GWMD
Permit #: 35186 - MH - **Location #:** SC00905626DCC **USGS Site ID:**
Division: 2 **Water District:** 67 **County:** LINCOLN
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SE SW SW 26 9 S 56 W S **From N/S line:** 150 S **From E/W line:** 2510 E
UTM Coordinates (NAD83): **Northing (UTM y)** 4343186.4 **Easting (UTM x):** 618194.4 *GPS*
Latitude/Longitude (decimal degrees): 39.229933 -103.630622

Surface Elevation (ft): 5280 **Top Perforated Interval (ft):** 20 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 40 **Bottom Perforated Interval (ft):** 30 **1 year:** 0.13
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year: 0.32

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/2/2004	11.27	5268.73	0.02
2/28/2005	11.27	5268.73	0.00
2/20/2006	11.12	5268.88	0.15
3/6/2007	10.83	5269.17	0.29
2/12/2008	10.77	5269.23	0.06
1/1/2009			
2/22/2010	10.75	5269.25	
2/24/2011	10.87	5269.13	-0.12
4/24/2012	11.02	5268.98	-0.15
4/4/2013	11.08	5268.92	-0.06
5/20/2014	10.95	5269.05	0.13

All Historic Measurements



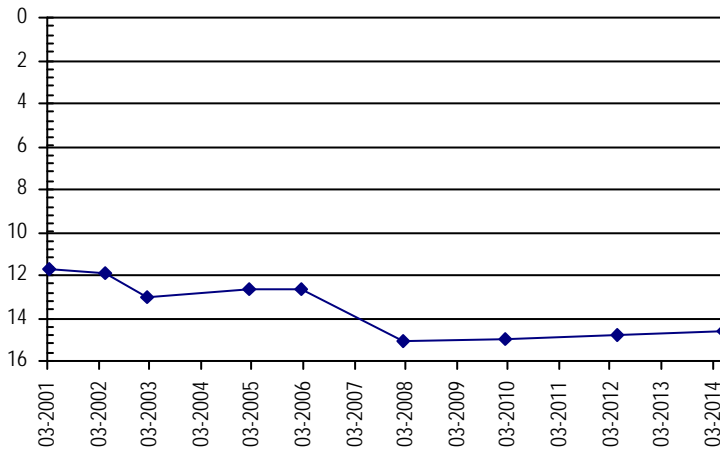
Well Name: FRASIER FARMS **Owner:** TOWN OF LIMON
Permit #: 21896 - F - **Location #:** SC00905706DA **USGS Site ID:**
Division: 2 **Water District:** 67 **County:** ELBERT
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SE NE 6 9 S 57 W S **From N/S line:** 1950 S **From E/W line:** 70 E
UTM Coordinates (NAD83): **Northing (UTM y)** 4350014.5 **Easting (UTM x):** 602758.4 *GPS*
Latitude/Longitude (decimal degrees): 39.293413 -103.808380

Surface Elevation (ft): 5490 **Top Perforated Interval (ft):** **Base of grout (ft):** **Water Level Change**
Well depth (ft): 58 **Bottom Perforated Interval (ft):** **1 year:**
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/2/2004			
2/28/2005	12.63	5477.37	
2/20/2006	12.66	5477.34	-0.03
3/6/2007			
2/12/2008	15.04	5474.96	
1/1/2009			
2/22/2010	14.98	5475.02	
2/24/2011			
4/24/2012	14.77	5475.23	
4/4/2013			
5/20/2014	14.60	5475.40	

All Historic Measurements



UPPER BIG SANDY

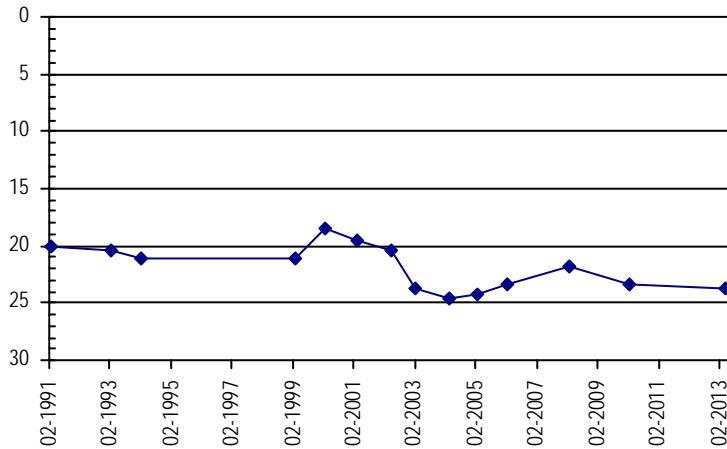
Well Name:	BIG SANDY - 4	<i>Owner:</i>	TOWN OF LIMON
<i>Permit #:</i>	20007 - RF -	<i>Location #:</i>	SC00905709DCC
<i>USGS Site ID:</i>			
<i>Division:</i>	2	<i>Water District:</i>	67
		<i>County:</i>	ELBERT
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	SE SW SW 9	9 S 57 W S	From N/S line: 348 S From E/W line: 2456 W
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i>	4347932.5	<i>Easting (UTM x):</i> 605166.4 <i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>		39.274367	-103.780788
<i>Surface Elevation (ft):</i>	5458	<i>Top Perforated Interval (ft):</i>	<i>Base of grout (ft):</i>
<i>Well depth (ft):</i>	58	<i>Bottom Perforated Interval (ft):</i>	
<i>Aquifer(s):</i>	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)
3/2/2004	24.51	5433.49	-0.78
2/28/2005	24.21	5433.79	0.30
2/20/2006	23.38	5434.62	0.83
3/6/2007			
2/12/2008	21.87	5436.13	
1/1/2009			
2/22/2010	23.34	5434.66	
2/24/2011			
4/4/2013	23.67	5434.33	
5/20/2014			

All Historic Measurements



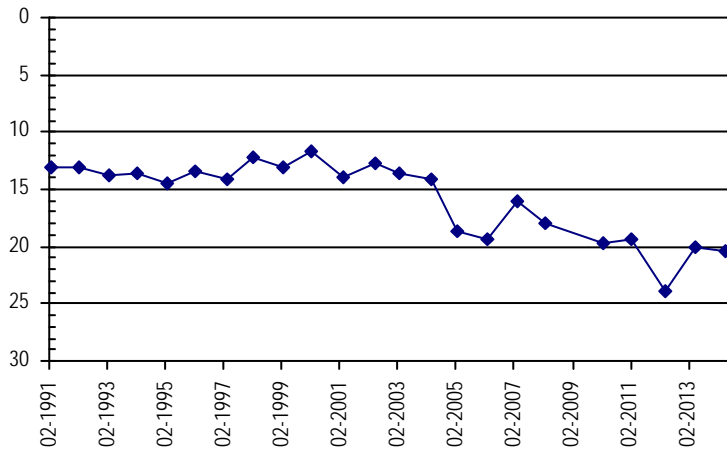
Well Name:	BSD-02	<i>Owner:</i>	UPPER BIG SANDY GWMD
<i>Permit #:</i>	37088 - M -	<i>Location #:</i>	SC00905801DBB
<i>USGS Site ID:</i>			
<i>Division:</i>	2	<i>Water District:</i>	67
		<i>County:</i>	ELBERT
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	SE NW NW 1	9 S 58 W S	From N/S line: 2241 S From E/W line: 2313 E
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i>	4350015.5	<i>Easting (UTM x):</i> 600544.4 <i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>		39.293682	-103.834049
<i>Surface Elevation (ft):</i>	5520	<i>Top Perforated Interval (ft):</i>	<i>Base of grout (ft):</i>
<i>Well depth (ft):</i>	90	<i>Bottom Perforated Interval (ft):</i>	
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		

Water Level Change
1 year: -0.21
5 year:
10 year: -6.27

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/2/2004	14.05	5505.95	-0.53
2/28/2005	18.74	5501.26	-4.69
2/20/2006	19.40	5500.60	-0.66
3/6/2007	16.00	5504.00	3.40
2/12/2008	17.94	5502.06	-1.94
1/1/2009			
2/22/2010	19.79	5500.21	
2/24/2011	19.32	5500.68	0.47
4/24/2012	23.90	5496.10	-4.58
4/4/2013	20.11	5499.89	3.79
5/20/2014	20.32	5499.68	-0.21

All Historic Measurements



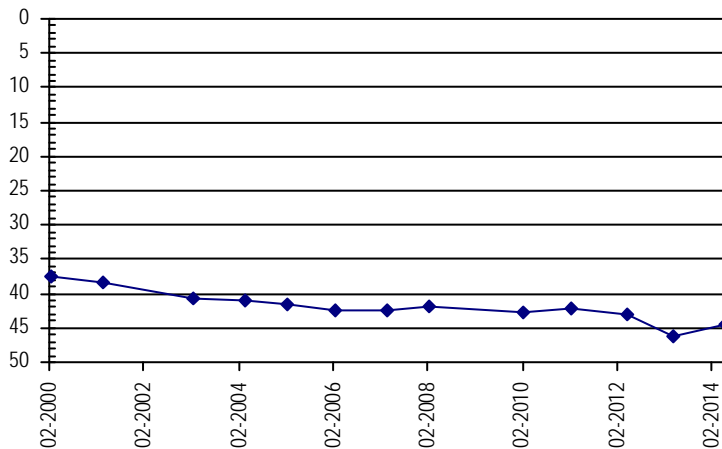
UPPER BIG SANDY

Well Name:	BSD-13	<i>Owner:</i> LARRY HUBBARD	
<i>Permit #:</i>	2653 - FR -	<i>Location #:</i> SC00905813ACC	<i>USGS Site ID:</i>
<i>Division:</i>	2	<i>Water District:</i> 67	<i>County:</i> ELBERT
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	NE SW SW 13	9 S 58 W S	From N/S line: 2398 N From E/W line: 2582 E
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i> 4347045.5	<i>Easting (UTM x):</i> 600533.4	<i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>	39.266926	-103.834620	
<i>Surface Elevation (ft):</i>	5584	<i>Top Perforated Interval (ft):</i>	<i>Base of grout (ft):</i>
<i>Well depth (ft):</i>	110	<i>Bottom Perforated Interval (ft):</i>	Water Level Change
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		1 year: 1.72
			5 year:
			10 year: -3.46

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/2/2004	40.91	5543.09	-0.33
2/28/2005	41.52	5542.48	-0.61
2/20/2006	42.52	5541.48	-1.00
3/5/2007	42.38	5541.62	0.14
2/12/2008	41.92	5542.08	0.46
1/1/2009			
2/22/2010	42.86	5541.14	
2/24/2011	42.02	5541.98	0.84
4/24/2012	43.02	5540.98	-1.00
4/4/2013	46.09	5537.91	-3.07
5/20/2014	44.37	5539.63	1.72

All Historic Measurements

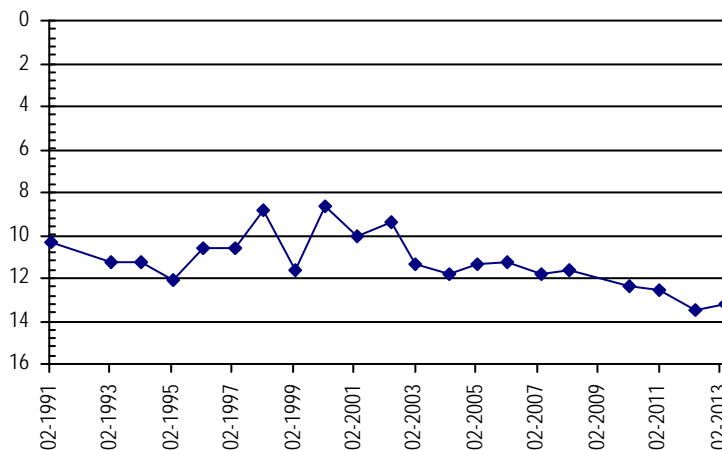


Well Name:	BSD-14	<i>Owner:</i> VIVIAN MOCK	
<i>Permit #:</i>	15956 - R -	<i>Location #:</i> SC00905827ACA	<i>USGS Site ID:</i>
<i>Division:</i>	2	<i>Water District:</i> 67	<i>County:</i> ELBERT
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	NE SW NE 27	9 S 58 W S	From N/S line: 1572 N From E/W line: 1429 E
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i> 4344059.5	<i>Easting (UTM x):</i> 597659.4	<i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>	39.240353	-103.868362	
<i>Surface Elevation (ft):</i>	5619	<i>Top Perforated Interval (ft):</i>	<i>Base of grout (ft):</i>
<i>Well depth (ft):</i>	56	<i>Bottom Perforated Interval (ft):</i>	Water Level Change
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		1 year:
			5 year:
			10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/2/2004	11.78	5607.22	-0.39
2/28/2005	11.37	5607.63	0.41
2/20/2006	11.30	5607.70	0.07
3/5/2007	11.77	5607.23	-0.47
2/12/2008	11.61	5607.39	0.16
1/1/2009			
2/22/2010	12.41	5606.59	
2/24/2011	12.54	5606.46	-0.13
4/24/2012	13.49	5605.51	-0.95
4/4/2013	13.19	5605.81	0.30
5/20/2014			

All Historic Measurements



UPPER BIG SANDY

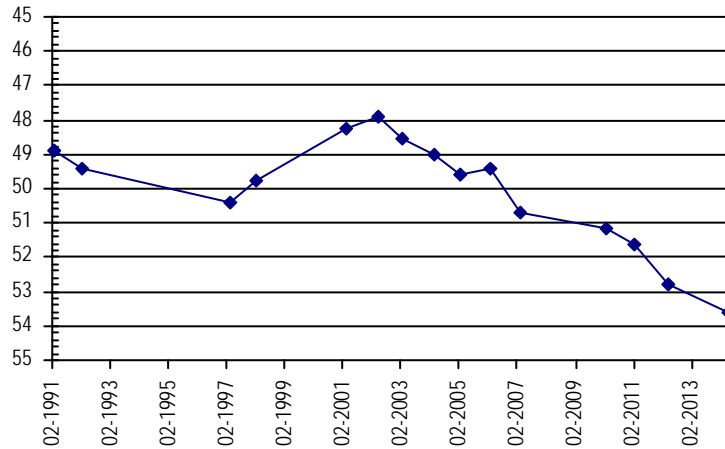
Well Name:	BSD-39	<i>Owner:</i> LASATER RANCH	
<i>Permit #:</i>	57234 - -	<i>Location #:</i> SC01005803BC	<i>USGS Site ID:</i>
<i>Division:</i>	2	<i>Water District:</i> 67	<i>County:</i> ELBERT
<i>Location:</i>	Q160 Q40 Q10 Section NW SW 3	Twnshp Range PM 10 S 58 W S	Distance from section lines: <i>From N/S line:</i> 1295 S <i>From E/W line:</i> 1292 W
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i> 4340079.5	<i>Easting (UTM x):</i> 596902.4	<i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>	39.204581	-103.877703	
<i>Surface Elevation (ft):</i>	5688	<i>Top Perforated Interval (ft):</i>	<i>Base of grout (ft):</i>
<i>Well depth (ft):</i>	87	<i>Bottom Perforated Interval (ft):</i>	
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		

Water Level Change
1 year:
5 year:
10 year: -4.59

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/2/2004	49.00	5639.00	-0.47
2/28/2005	49.61	5638.39	-0.61
2/20/2006	49.44	5638.56	0.17
3/6/2007	50.70	5637.30	-1.26
2/12/2008			
1/1/2009			
2/22/2010	51.15	5636.85	
2/24/2011	51.62	5636.38	-0.47
4/24/2012	52.80	5635.20	-1.18
4/3/2013			
5/20/2014	53.59	5634.41	

All Historic Measurements



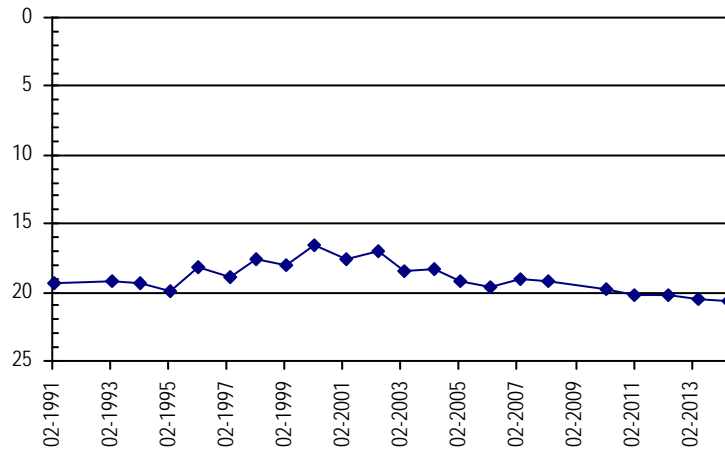
Well Name:	BSD-36	<i>Owner:</i> LINDA GLOVER	
<i>Permit #:</i>	16983 - S -	<i>Location #:</i> SC01005807CD	<i>USGS Site ID:</i>
<i>Division:</i>	2	<i>Water District:</i> 67	<i>County:</i> ELBERT
<i>Location:</i>	Q160 Q40 Q10 Section SW SE 7	Twnshp Range PM 10 S 58 W S	Distance from section lines: <i>From N/S line:</i> 751 S <i>From E/W line:</i> 2687 W
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i> 4338276.5	<i>Easting (UTM x):</i> 592443.5	<i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>	39.188823	-103.929584	
<i>Surface Elevation (ft):</i>	5733	<i>Top Perforated Interval (ft):</i>	<i>Base of grout (ft):</i>
<i>Well depth (ft):</i>	60	<i>Bottom Perforated Interval (ft):</i>	
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		

Water Level Change
1 year: -0.05
5 year:
10 year: -2.19

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/2/2004	18.38	5714.62	0.14
2/28/2005	19.16	5713.84	-0.78
2/20/2006	19.61	5713.39	-0.45
3/5/2007	19.08	5713.92	0.53
2/13/2008	19.13	5713.87	-0.05
1/1/2009			
2/22/2010	19.70	5713.30	
2/24/2011	20.20	5712.80	-0.50
4/24/2012	20.23	5712.77	-0.03
4/3/2013	20.52	5712.48	-0.29
5/20/2014	20.57	5712.43	-0.05

All Historic Measurements



UPPER BIG SANDY

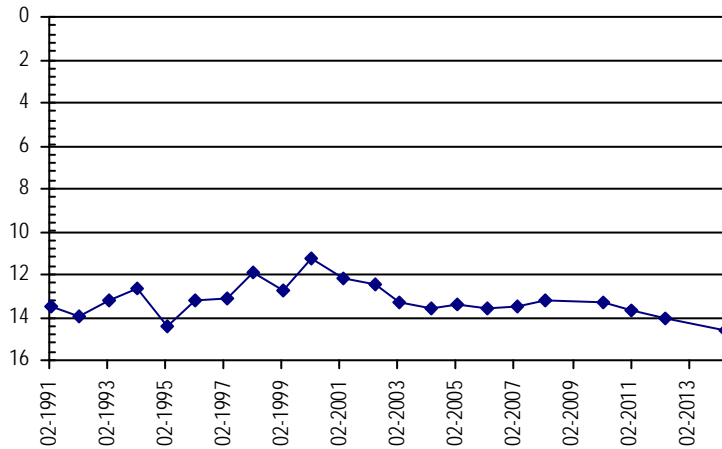
Well Name:	BSD-16A	<i>Owner:</i>	UPPER BIG SANDY GWMD
<i>Permit #:</i>	37087 - M -	<i>Location #:</i>	SC01006035BAA
<i>USGS Site ID:</i>			
<i>Division:</i>	2	<i>Water District:</i>	67
		<i>County:</i>	ELBERT
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	NW NE NE 35	10 S 60 W S	From N/S line: 37 N From E/W line: 2500 W
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i>	4333000.5	<i>Easting (UTM x):</i> 579581.5 <i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>	39.142560		-104.079115
<i>Surface Elevation (ft):</i>	5975	<i>Top Perforated Interval (ft):</i>	32
		<i>Base of grout (ft):</i>	
<i>Well depth (ft):</i>	62	<i>Bottom Perforated Interval (ft):</i>	62
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		

Water Level Change
1 year:
5 year:
10 year: -1.09

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/2/2004	13.55	5961.45	-0.23
2/28/2005	13.41	5961.59	0.14
2/20/2006	13.60	5961.40	-0.19
3/5/2007	13.51	5961.49	0.09
2/12/2008	13.18	5961.82	0.33
1/1/2009			
2/22/2010	13.34	5961.66	
2/24/2011	13.72	5961.28	-0.38
4/3/2012	14.01	5960.99	-0.29
5/21/2014	14.64	5960.36	-0.63

All Historic Measurements



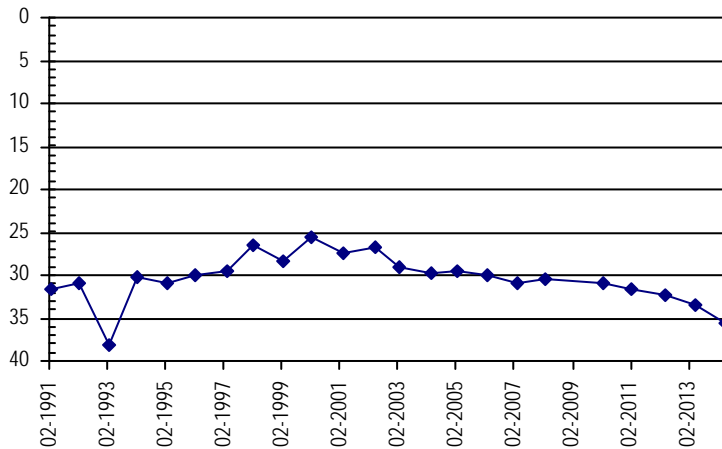
Well Name:	BSD-30	<i>Owner:</i>	LYLE HAMACHER
<i>Permit #:</i>	4339 - F -	<i>Location #:</i>	SC01006036BC
<i>USGS Site ID:</i>			
<i>Division:</i>	2	<i>Water District:</i>	67
		<i>County:</i>	ELBERT
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	NW SW 36	10 S 60 W S	From N/S line: 2577 N From E/W line: 1486 W
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i>	4332269.5	<i>Easting (UTM x):</i> 580949.5 <i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>	39.135847		-104.063374
<i>Surface Elevation (ft):</i>	5925	<i>Top Perforated Interval (ft):</i>	
		<i>Base of grout (ft):</i>	
<i>Well depth (ft):</i>	50	<i>Bottom Perforated Interval (ft):</i>	
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		

Water Level Change
1 year: -1.96
5 year:
10 year: -5.90

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/2/2004	29.66	5895.34	-0.70
2/28/2005	29.64	5895.36	0.02
2/20/2006	30.06	5894.94	-0.42
3/5/2007	30.96	5894.04	-0.90
2/12/2008	30.52	5894.48	0.44
1/1/2009			
2/22/2010	31.00	5894.00	
2/24/2011	31.69	5893.31	-0.69
4/23/2012	32.43	5892.57	-0.74
4/3/2013	33.60	5891.40	-1.17
5/21/2014	35.56	5889.44	-1.96

All Historic Measurements



UPPER BIG SANDY

Well Name: **BSD-22**

Owner: PAUL WINGARD

Permit #: 1652 - R - **Location #:** SC01106112BA

USGS Site ID:

Division: 2 **Water District:** 67 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW NE 12 11 S 61 W S **From N/S line:** 231 N **From E/W line:** 2077 W
UTM Coordinates (NAD83): **Northing (UTM y)** 4329700.6 **Easting (UTM x):** 571382.5 *GPS*
Latitude/Longitude (decimal degrees): 39.113537 -104.174328

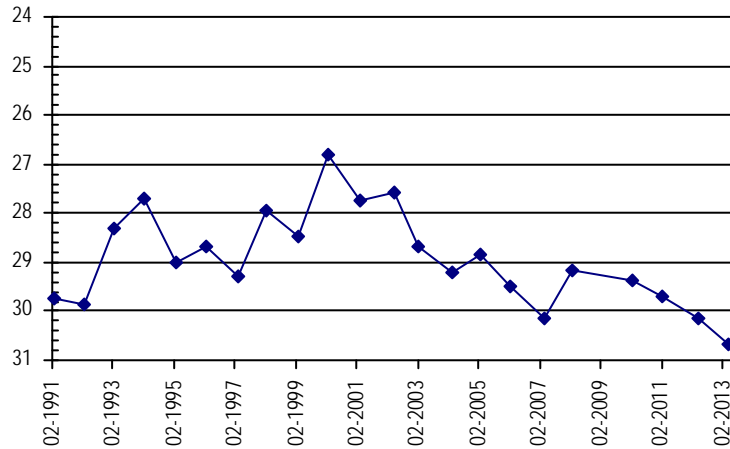
Surface Elevation (ft): 6130 **Top Perforated Interval (ft):** **Base of grout (ft):**
Well depth (ft): 76 **Bottom Perforated Interval (ft):**
Aquifer(s): QUATERNARY ALLUVIUM

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)
3/4/2004	29.19	6100.81	-0.52
2/28/2005	28.86	6101.14	0.33
2/20/2006	29.51	6100.49	-0.65
3/5/2007	30.15	6099.85	-0.64
2/12/2008	29.17	6100.83	0.98
1/1/2009			
2/22/2010	29.38	6100.62	
2/28/2011	29.68	6100.32	-0.30
4/23/2012	30.15	6099.85	-0.47
4/3/2013	30.68	6099.32	-0.53
5/21/2014			

All Historic Measurements



Well Name: **BSD-29**

Owner: ROGER WOODARD

Permit #: 9446 - F - **Location #:** SC01106116DC

USGS Site ID:

Division: 2 **Water District:** 67 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SE SW 16 11 S 61 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y)** 4326625.6 **Easting (UTM x):** 566861.5 *GPS*
Latitude/Longitude (decimal degrees): 39.086189 -104.226919

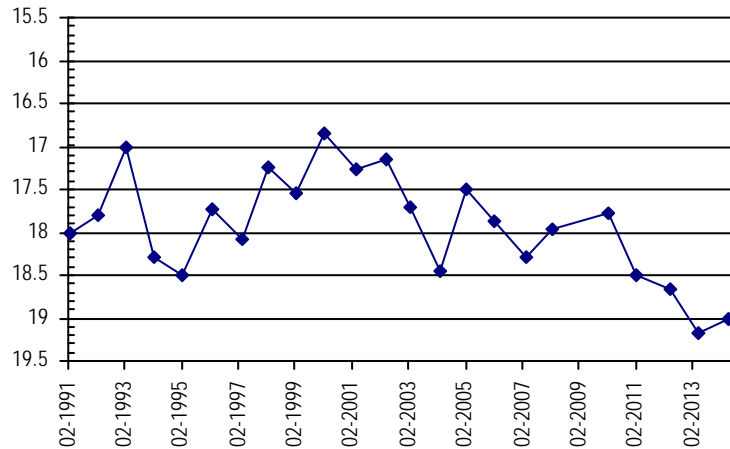
Surface Elevation (ft): 6200 **Top Perforated Interval (ft):** **Base of grout (ft):**
Well depth (ft): 50 **Bottom Perforated Interval (ft):**
Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change
1 year: 0.18
5 year:
10 year: -0.55

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/2004	18.45	6181.55	-0.75
2/28/2005	17.49	6182.51	0.96
2/21/2006	17.88	6182.12	-0.39
3/5/2007	18.30	6181.70	-0.42
2/12/2008	17.97	6182.03	0.33
1/1/2009			
2/23/2010	17.79	6182.21	
2/24/2011	18.50	6181.50	-0.71
4/23/2012	18.66	6181.34	-0.16
4/3/2013	19.18	6180.82	-0.52
5/19/2014	19.00	6181.00	0.18

All Historic Measurements



UPPER BIG SANDY

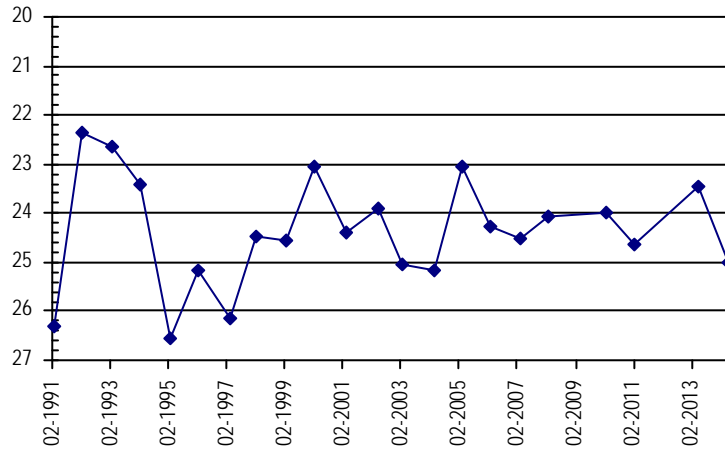
Well Name:	BSD-15A	<i>Owner:</i>	EARNEST MIKITA
<i>Permit #:</i>	475 - R -	<i>Location #:</i>	SC01106119AA
<i>USGS Site ID:</i>			
<i>Division:</i>	2	<i>Water District:</i>	67
		<i>County:</i>	EL PASO
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	NE NE 19 11 S 61 W S		From N/S line: 366 N From E/W line: 40 E
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i>	4326282.0	<i>Easting (UTM x):</i> 564329.0 <i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>		39.083280	-104.256230
<i>Surface Elevation (ft):</i>	6262	<i>Top Perforated Interval (ft):</i>	<i>Base of grout (ft):</i>
<i>Well depth (ft):</i>	62	<i>Bottom Perforated Interval (ft):</i>	
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		

Water Level Change
1 year: -1.56
5 year:
10 year: 0.18

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/2004	25.18	6236.82	-0.13
3/1/2005	23.04	6238.96	2.14
2/21/2006	24.29	6237.71	-1.25
3/5/2007	24.53	6237.47	-0.24
2/12/2008	24.05	6237.95	0.48
1/1/2009			
2/23/2010	23.97	6238.03	
2/28/2011	24.64	6237.36	-0.67
4/23/2012			
4/3/2013	23.44	6238.56	
5/19/2014	25.00	6237.00	-1.56

All Historic Measurements



Well Name:	BSD-18	<i>Owner:</i>	DENNIS KUCERIK
<i>Permit #:</i>	20183 - R -	<i>Location #:</i>	SC01106220BC
<i>USGS Site ID:</i>			
<i>Division:</i>	2	<i>Water District:</i>	67
		<i>County:</i>	EL PASO
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	NW SW 20 11 S 62 W S		From N/S line: 2558 S From E/W line: 1246 W
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y)</i>	4325484.7	<i>Easting (UTM x):</i> 555096.5 <i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>		39.076732	-104.363035
<i>Surface Elevation (ft):</i>	6485	<i>Top Perforated Interval (ft):</i>	<i>Base of grout (ft):</i>
<i>Well depth (ft):</i>	83	<i>Bottom Perforated Interval (ft):</i>	
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		

Water Level Change
1 year: 0.62
5 year:
10 year: 1.50

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/2004	10.28	6474.72	0.26
3/1/2005	10.07	6474.93	0.21
2/21/2006	10.59	6474.41	-0.52
3/5/2007	9.44	6475.56	1.15
2/13/2008	9.34	6475.66	0.10
1/1/2009			
2/23/2010	8.63	6476.37	
2/28/2011	9.91	6475.09	-1.28
4/23/2012	8.89	6476.11	1.02
4/3/2013	9.40	6475.60	-0.51
5/19/2014	8.78	6476.22	0.62

All Historic Measurements

