

**GROUNDWATER LEVELS
in the
UPPER BIG SANDY
DESIGNATED GROUND WATER BASIN
2018**



by
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COLORADO
Division of Water Resources
Department of Natural Resources

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GROUNDWATER LEVELS IN THE UPPER BIG SANDY DESIGNATED BASIN 2018

This report contains the basic groundwater-level data collected in the Upper Big Sandy Designated Ground Water Basin during the spring of 2018. Tabular data are presented for the period 2008 through 2018 and graphical data show the entire water-level monitoring record for each well. 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 groundwater-level monitoring program funded by Senate Bill 200 (1987 legislative session). This legislation directed that a portion of the fees collected for water well permit applications be used for the establishment of a program to monitor water-level trends throughout the state.

The wells in this report are listed by well name in numerical order. 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 for the entire Upper Big Sandy designated 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 2018 water-level measurements for 30 wells, taken on March 22nd and 23rd. Depths to groundwater, below ground surface, ranged from 7 to 51 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, groundwater levels in wells measured by the Division of Water Resources were slightly lower than 2017 levels. The water levels showed an overall average decrease of 0.33 feet as compared to 2017 and most wells were less than one foot lower than the year before. Long term, 10-year comparisons, indicate that water levels:

- a) in the reach around Limon have decreased slightly (-1.0 to +0.25 ft);
- b) in the reach between River Bend and Simla have decreased slightly (-2.7 to 0.2 ft);
- c) in the reach between Simla and Ramah Reservoir have leveled off (-0.6 to +0.3 ft); and
- d) upstream of Ramah Reservoir have increased slightly since 2007 (-1.5 to +1.1 ft).

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 Upper Big Sandy Publication Area on the CDSS webpage:

<http://dnrweb.state.co.us/cdss/GroundWater/WaterLevels/Search?submitButton=Submit&SelectedPublicationAreaName=UPPER%20BIG%20SANDY&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>

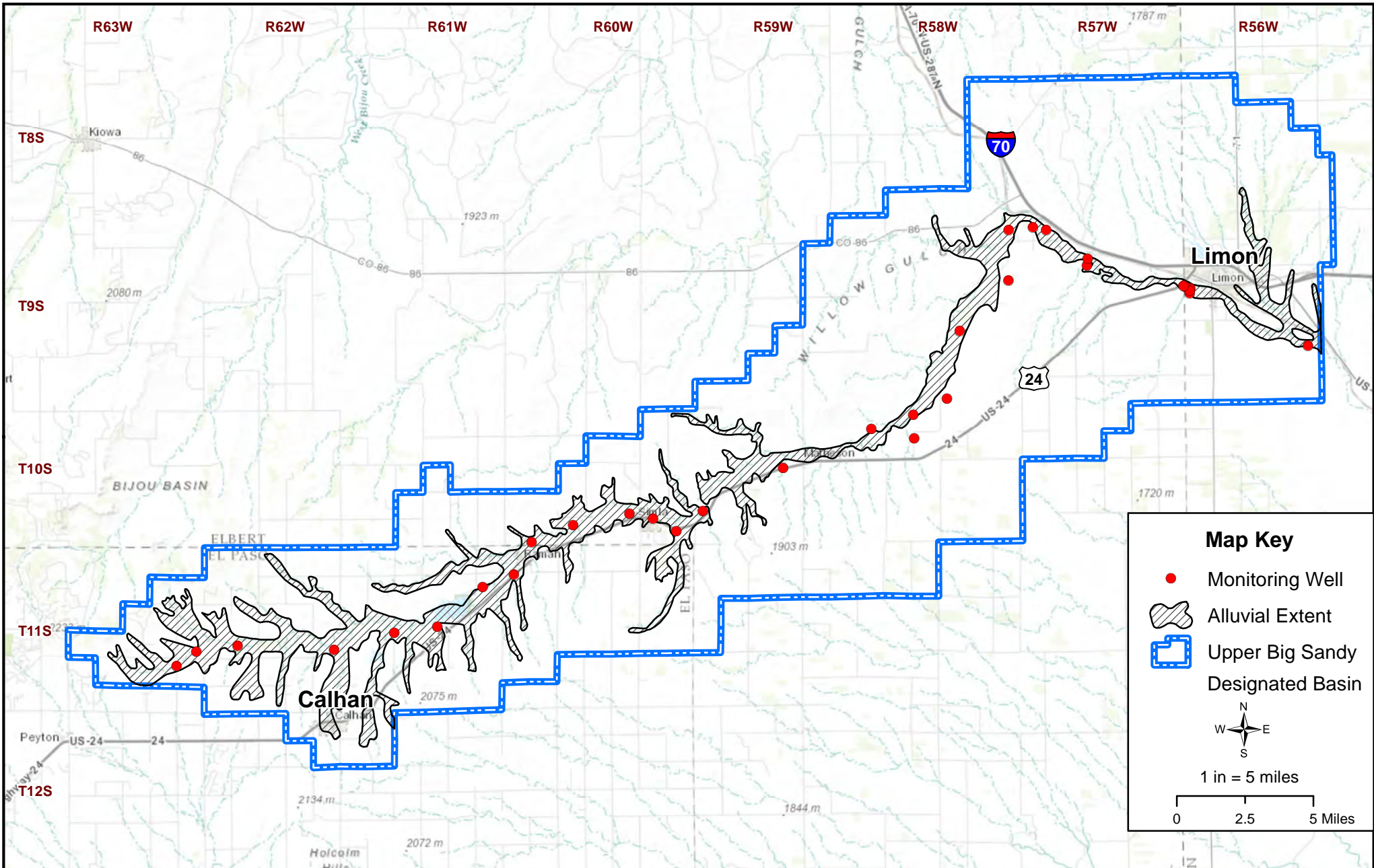
and the Colorado Information Marketplace HydroBase Bulk Data Exporter:

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

or the Colorado Decision Support System MapViewer

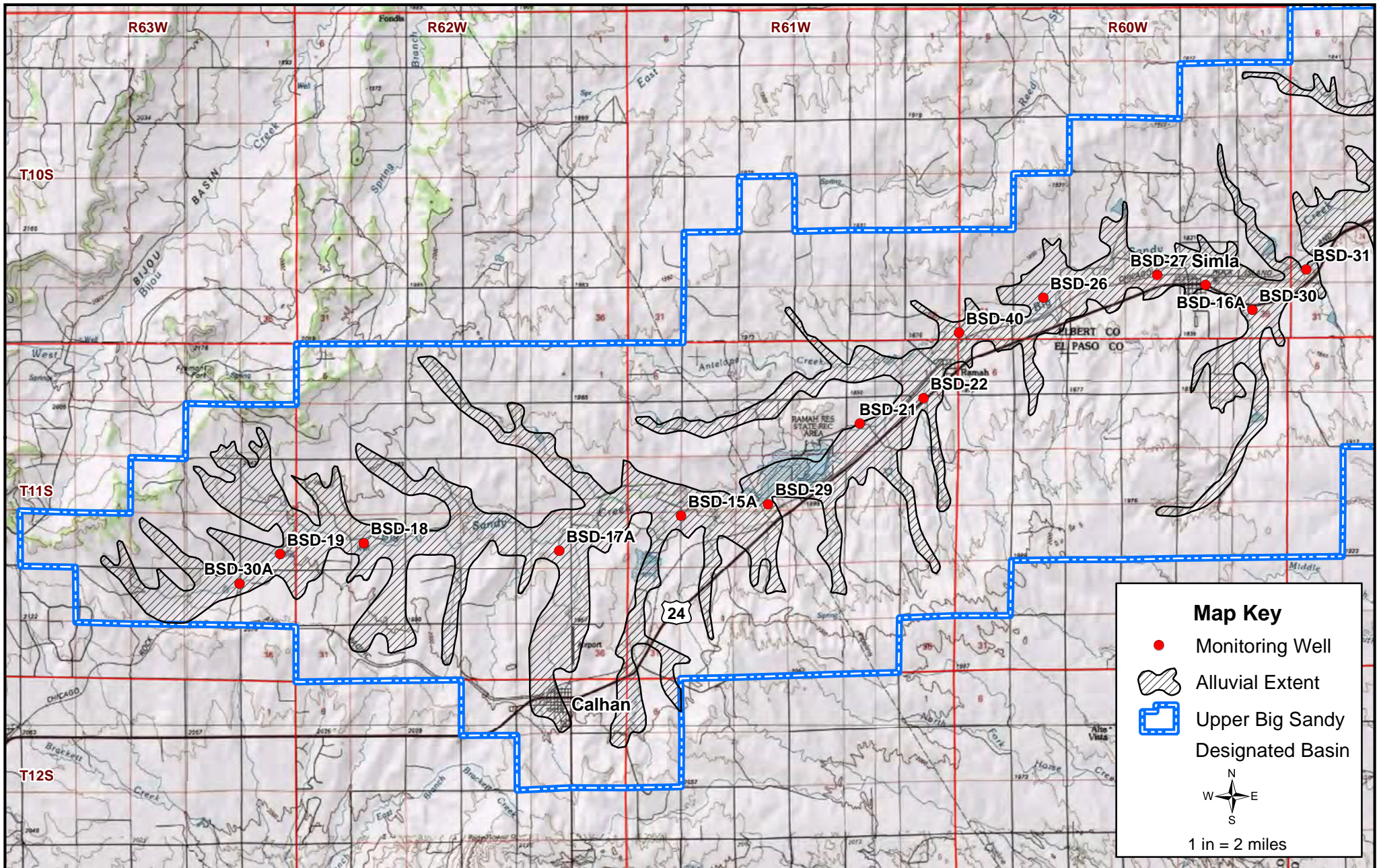
<http://water.state.co.us/DataMaps/GISandMaps/MapViewer/Pages/FAQ.aspx>

If you have any questions regarding groundwater in the Upper Big Sandy 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



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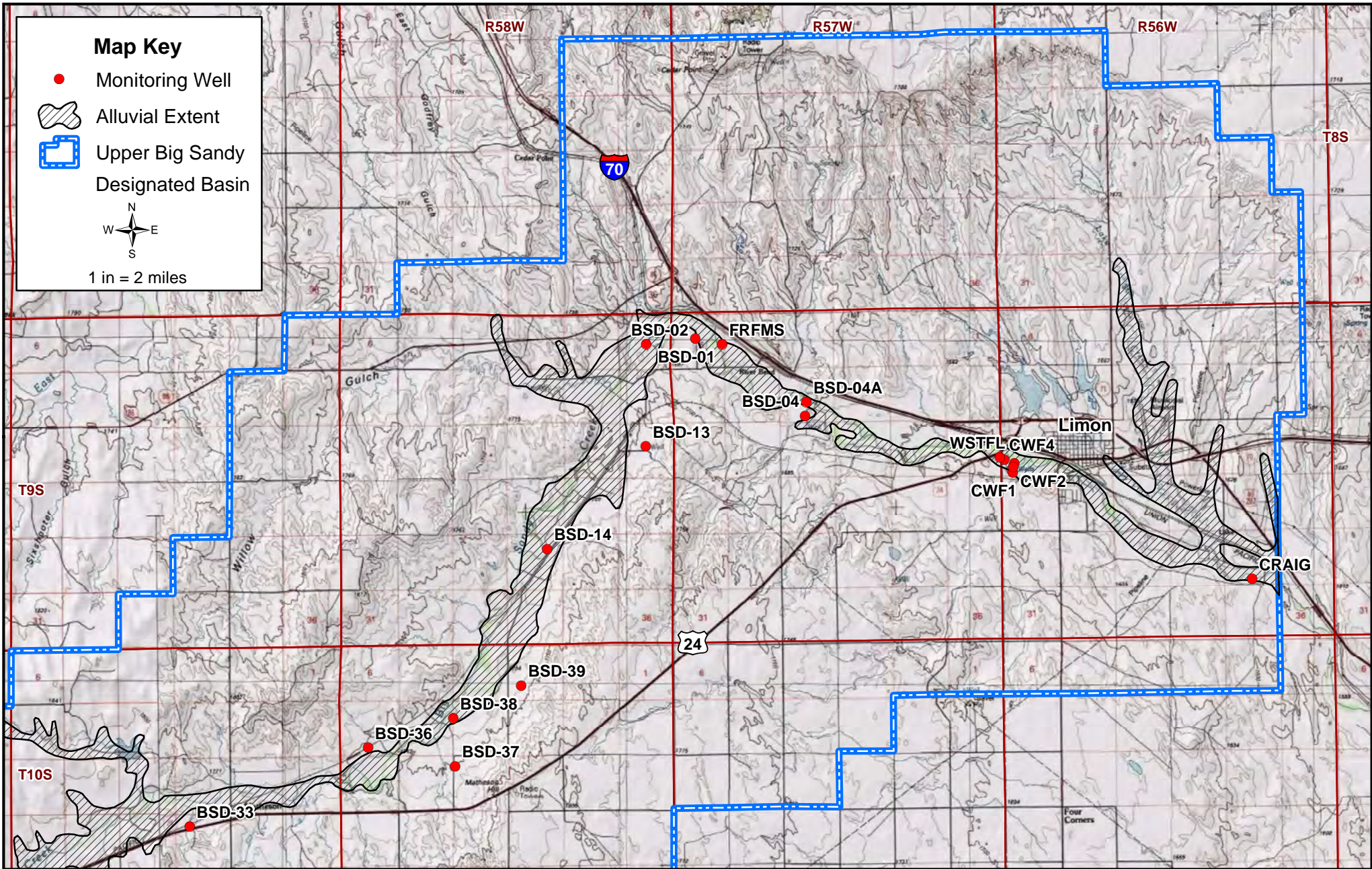
State of Colorado -- Division of Water Resources
**Upper Big Sandy Designated Ground Water Basin
 Monitoring Well Locations**



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 Division of Water Resources
 Department of Natural Resources

State of Colorado -- Division of Water Resources

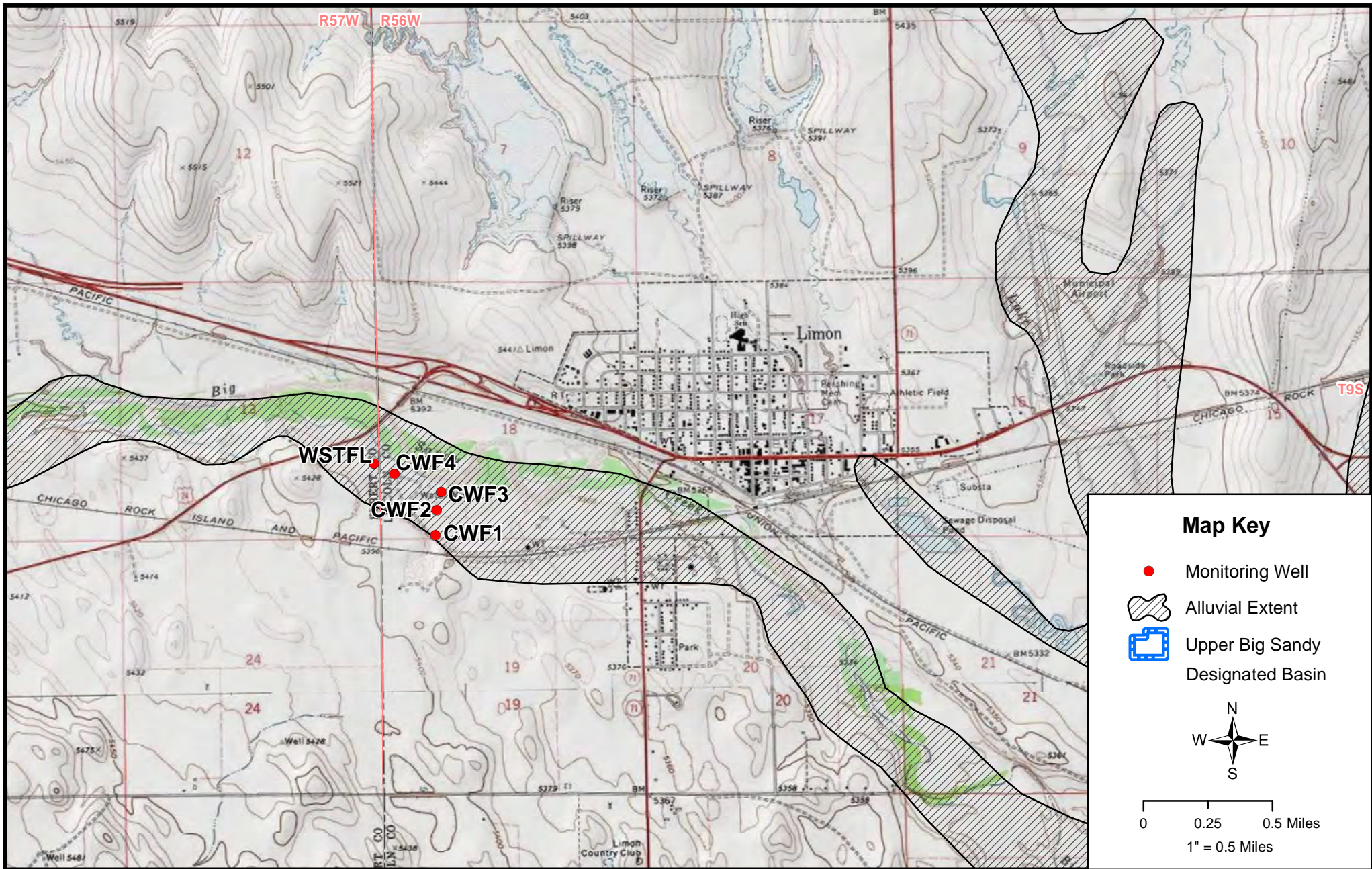
**Upper Big Sandy Designated Ground Water Basin
 Monitoring Well Locations (West Portion)**



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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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 Department of Natural Resources

State of Colorado -- Division of Water Resources
**Upper Big Sandy Designated Ground Water Basin
 Monitoring Well Locations (Limon Well Field)**



GROUNDWATER DETAILS

Well Name: BSD-01
Permit Number: 37086-M
WDID:
Data Source: DWR

Location Number: SC00905706DBB
USGS Site ID:
Applicant/Contact: UPPER BIG SANDY GWMD

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2550 N	2358 W	NW	NW	SE	6	9.0 S	57.0 W	S	601972.4	4350177.5	GPS

Division: 2 District: 67
 County: ELBERT
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

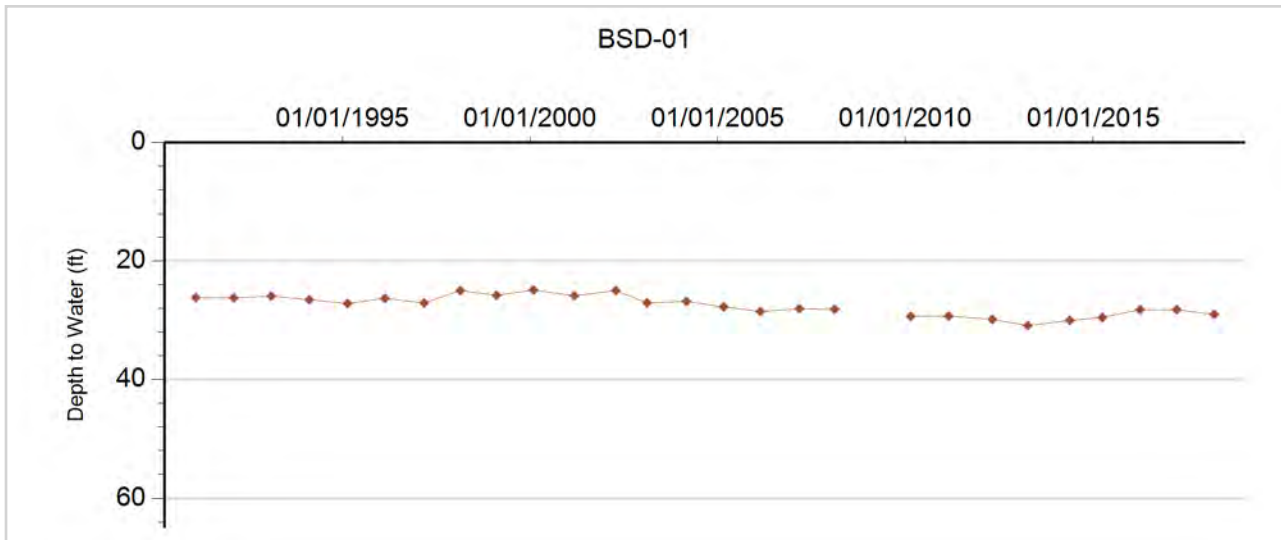
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/23/2018	29.02	5490.98	0.81
03/23/2017	28.21	5491.79	0.00
04/01/2016	28.21	5491.79	-1.32
03/31/2015	29.53	5490.47	-0.48
05/20/2014	30.01	5489.99	-0.88
04/04/2013	30.89	5489.11	1.05
04/24/2012	29.84	5490.16	0.55
02/24/2011	29.29	5490.71	-0.03
02/22/2010	29.32	5490.68	
01/01/2009			

Construction Information

Surface Elevation (ft): 5520.00
 Well Depth (ft): 65.00
 Depth to Base of Grout (ft): 21
 Depth to Top of Perforated Casing (ft): 21
 Depth to Bottom of Perforated Casing (ft): 65
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 02/05/1991 End Date: 03/23/2018
 Number of Measurements: 28





GROUNDWATER DETAILS

Well Name: BSD-02
Permit Number: 37088-M
WDID:
Data Source: DWR

Location Number: SC00905801DBB
USGS Site ID:
Applicant/Contact: UPPER BIG SANDY GWMD

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2241 S	2313 E	NW	NW	SE	1	9.0 S	58.0 W	S	600544.4	4350015.5	GPS

Division: 2 District: 67
 County: ELBERT
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

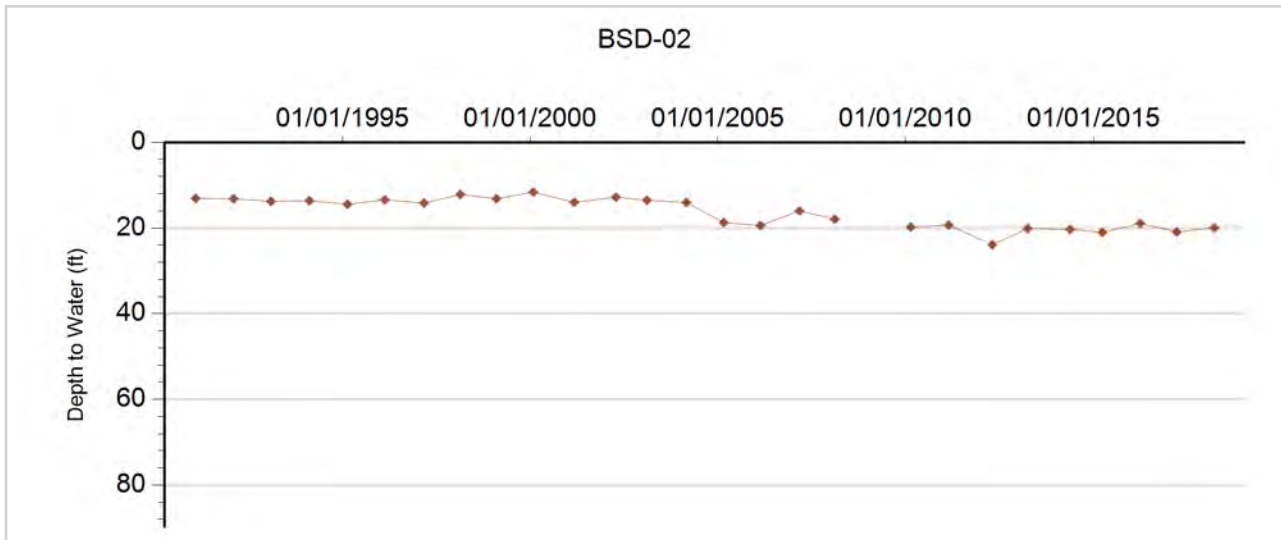
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/23/2018	19.94	5500.06	-0.96
03/23/2017	20.90	5499.10	1.98
04/01/2016	18.92	5501.08	-2.09
03/31/2015	21.01	5498.99	0.69
05/20/2014	20.32	5499.68	0.21
04/04/2013	20.11	5499.89	-3.79
04/24/2012	23.90	5496.10	4.58
02/24/2011	19.32	5500.68	-0.47
02/22/2010	19.79	5500.21	
01/01/2009			

Construction Information

Surface Elevation (ft): 5520.00
 Well Depth (ft): 90.00
 Depth to Base of Grout (ft): 21
 Depth to Top of Perforated Casing (ft): 70
 Depth to Bottom of Perforated Casing (ft): 90
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 02/05/1991 End Date: 03/23/2018
 Number of Measurements: 28





GROUNDWATER DETAILS

Well Name: BSD-04
Permit Number: 20007-RF
WDID:
Data Source: DWR

Location Number: SC00905709DCC
USGS Site ID:
Applicant/Contact: TOWN OF LIMON

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
348 S	2456 W	SW	SW	SE	9	9.0 S	57.0 W	S	605166.4	4347932.5	GPS

Division: 2 District: 67
 County: ELBERT
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

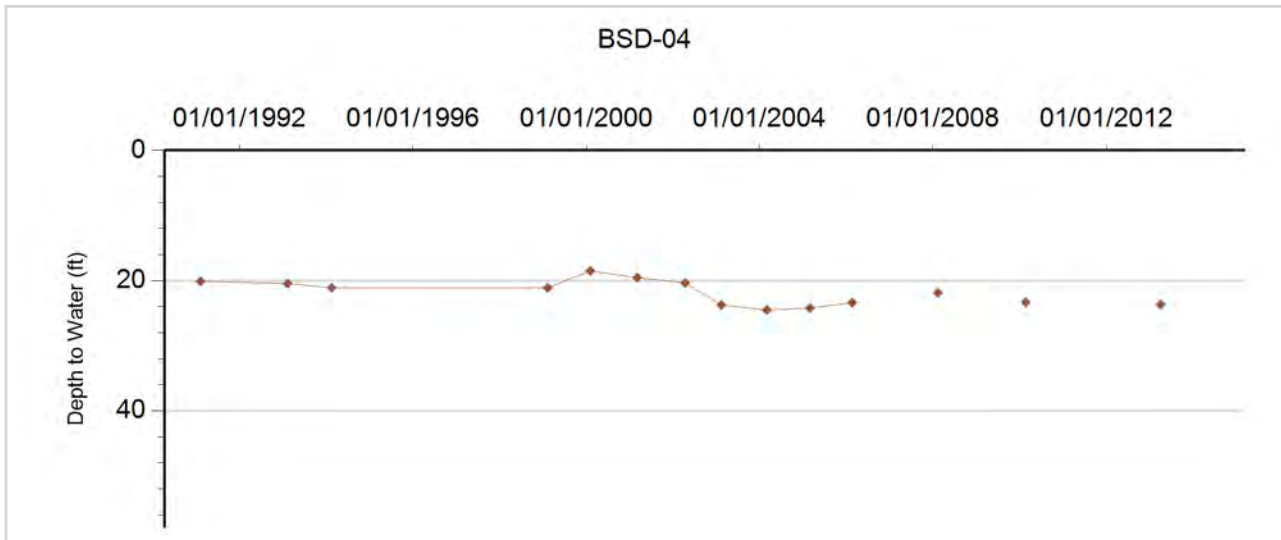
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
05/20/2014			
04/04/2013	23.67	5434.33	
02/24/2011			
02/22/2010	23.34	5434.66	
01/01/2009			
02/12/2008	21.87	5436.13	
03/06/2007			
02/20/2006	23.38	5434.62	-0.83
02/28/2005	24.21	5433.79	-0.30
03/02/2004	24.51	5433.49	0.78

Construction Information

Surface Elevation (ft): 5458.00
 Well Depth (ft): 58.00
 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: 02/05/1991 End Date: 05/20/2014
 Number of Measurements: 18





GROUNDWATER DETAILS

Well Name: BSD-04A
Permit Number: 10474-R-R
WDID:
Data Source: DWR

Location Number: SC00905709CAD
USGS Site ID:
Applicant/Contact: TOWN OF LIMON

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
		SE	NE	SW	9	9.0 S	57.0 W	S	605198.0	4348311.0	GPS

Division: 2 District: 67
 County: ELBERT
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

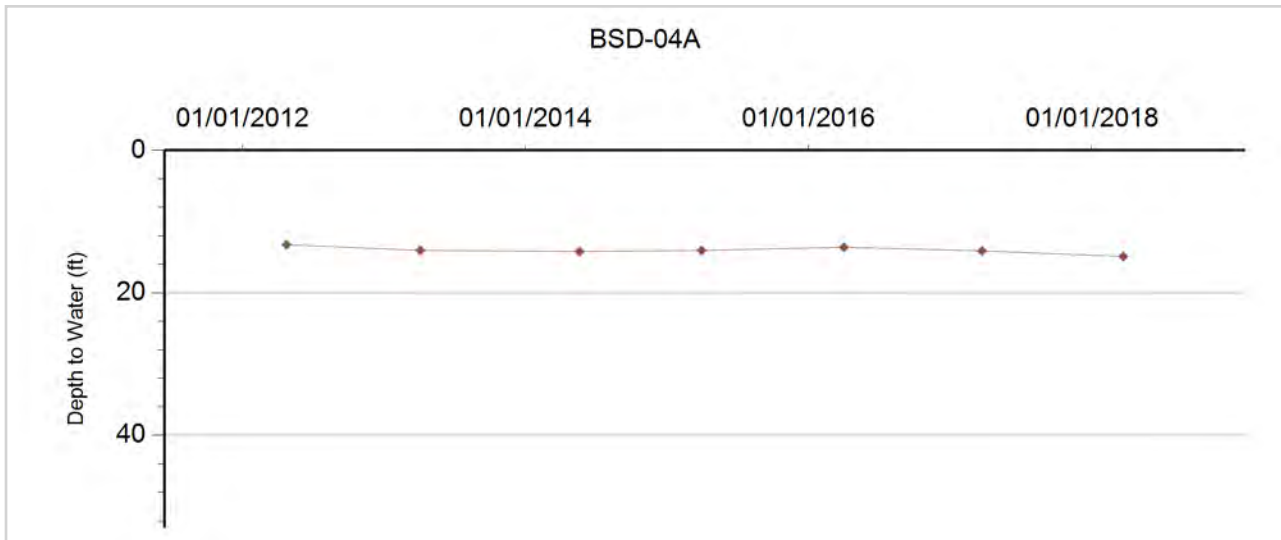
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/23/2018	14.88	5443.12	0.78
03/23/2017	14.10	5443.90	0.52
04/01/2016	13.58	5444.42	-0.46
03/31/2015	14.04	5443.96	-0.14
05/20/2014	14.18	5443.82	0.15
04/04/2013	14.03	5443.97	0.80
04/24/2012	13.23	5444.77	

Construction Information

Surface Elevation (ft): 5458.00
 Well Depth (ft): 53.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft): 33
 Depth to Bottom of Perforated Casing (ft): 53
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 04/24/2012 End Date: 03/23/2018
 Number of Measurements: 7





GROUNDWATER DETAILS

Well Name: BSD-13
Permit Number: 2653-FR
WDID: 0205495
Data Source: DWR

Location Number: SC00905813ACC
USGS Site ID:
Applicant/Contact: LARRY HUBBARD

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2398 N	2582 E	SW	SW	NE	13	9.0 S	58.0 W	S	600533.4	4347045.5	GPS

Division: 2 District: 67
 County: ELBERT
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

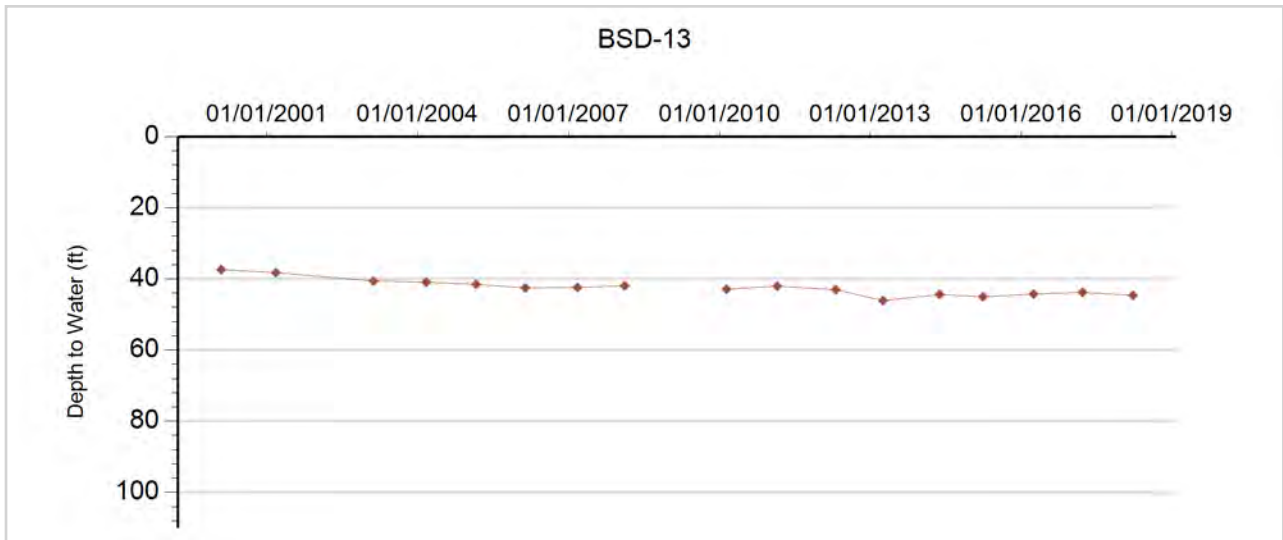
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/23/2018	44.60	5539.40	0.83
03/23/2017	43.77	5540.23	-0.47
04/01/2016	44.24	5539.76	-0.77
03/31/2015	45.01	5538.99	0.64
05/20/2014	44.37	5539.63	-1.72
04/04/2013	46.09	5537.91	3.07
04/24/2012	43.02	5540.98	1.00
02/24/2011	42.02	5541.98	-0.84
02/22/2010	42.86	5541.14	
01/01/2009			

Construction Information

Surface Elevation (ft): 5584.00
 Well Depth (ft): 110.00
 Depth to Base of Grout (ft): 10
 Depth to Top of Perforated Casing (ft): 60
 Depth to Bottom of Perforated Casing (ft): 100
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 02/03/2000 End Date: 03/23/2018
 Number of Measurements: 18





GROUNDWATER DETAILS

Well Name: BSD-14
Permit Number: 15956-R
WDID:
Data Source: DWR

Location Number: SC00905827ACA
USGS Site ID:
Applicant/Contact: VIVIAN MOCK

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
1572 N	1429 E	NE	SW	NE	27	9.0 S	58.0 W	S	597659.4	4344059.5	GPS

Division: 2 District: 67
 County: ELBERT
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

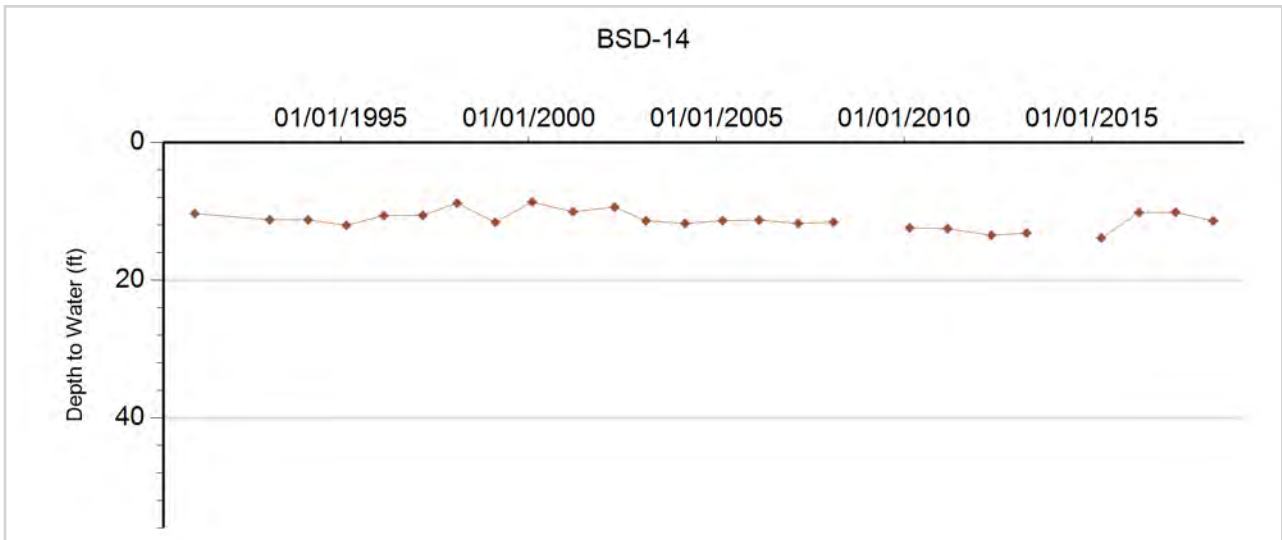
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/23/2018	11.41	5607.59	1.25
03/23/2017	10.16	5608.84	-0.05
04/01/2016	10.21	5608.79	-3.68
03/31/2015	13.89	5605.11	
05/20/2014			
04/04/2013	13.19	5605.81	-0.30
04/24/2012	13.49	5605.51	0.95
02/24/2011	12.54	5606.46	0.13
02/22/2010	12.41	5606.59	
01/01/2009			

Construction Information

Surface Elevation (ft): 5619.00
 Well Depth (ft): 56.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft): 30
 Depth to Bottom of Perforated Casing (ft): 55
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 02/08/1991 End Date: 03/23/2018
 Number of Measurements: 27





GROUNDWATER DETAILS

Well Name: BSD-15A
Permit Number: 475-RFP
WDID:
Data Source: DWR

Location Number: SC01106119AA
USGS Site ID:
Applicant/Contact: EARNEST MIKITA

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
366 N	40 E		NE	NE	19	11.0 S	61.0 W	S	564329.0	4326282.0	GPS

Division: 2 District: 67
 County: EL PASO
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

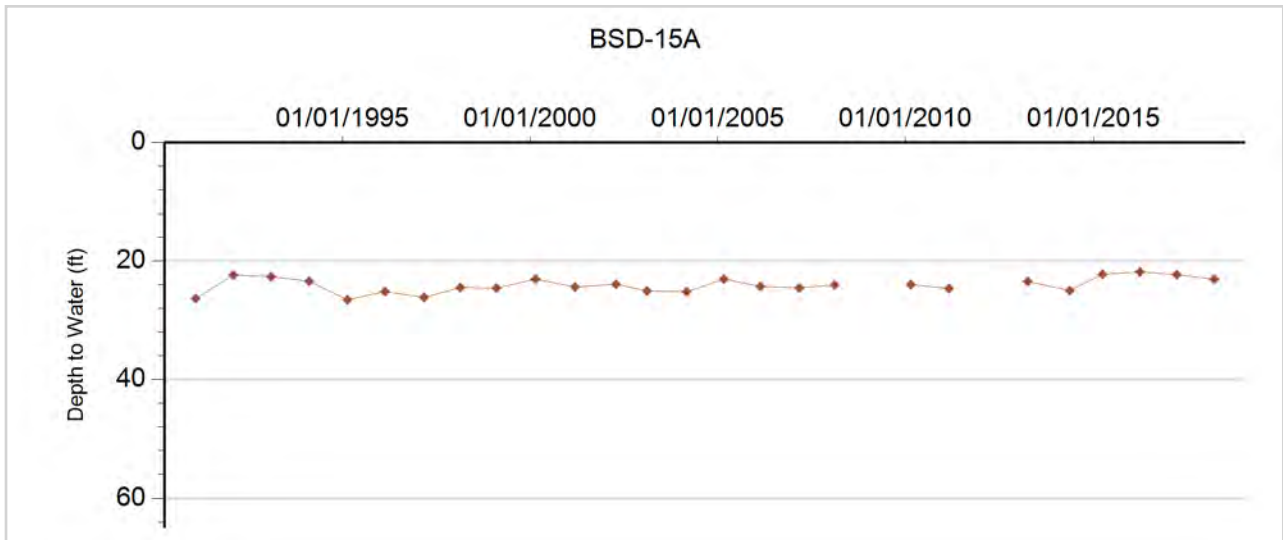
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/22/2018	23.08	6238.92	0.77
03/22/2017	22.31	6239.69	0.48
03/31/2016	21.83	6240.17	-0.42
03/31/2015	22.25	6239.75	-2.75
05/19/2014	25.00	6237.00	1.56
04/03/2013	23.44	6238.56	
04/23/2012			
02/28/2011	24.64	6237.36	0.67
02/23/2010	23.97	6238.03	
01/01/2009			

Construction Information

Surface Elevation (ft): 6262.00
 Well Depth (ft): 65.00
 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: 02/06/1991 End Date: 03/22/2018
 Number of Measurements: 28





GROUNDWATER DETAILS

Well Name: BSD-16A
Permit Number: 37087-M
WDID:
Data Source: DWR

Location Number: SC01006035BAA
USGS Site ID:
Applicant/Contact: UPPER BIG SANDY GWMD

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
37 N	2500 W	NE	NE	NW	35	10.0 S	60.0 W	S	579581.5	4333000.5	GPS

Division: 2 District: 67
 County: ELBERT
 Designated Basin: UPPER BIG SANDY
 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)
03/22/2018	13.67	5961.33	-0.03
03/22/2017	13.70	5961.30	0.10
03/31/2016	13.60	5961.40	-0.90
03/31/2015	14.50	5960.50	-0.14
05/21/2014	14.64	5960.36	0.63
04/03/2012	14.01	5960.99	0.29
02/24/2011	13.72	5961.28	0.38
02/22/2010	13.34	5961.66	0.01
01/01/2009			
02/12/2008	13.18	5961.82	-0.33

Construction Information

Surface Elevation (ft): 5975.00
 Well Depth (ft): 62.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft): 32
 Depth to Bottom of Perforated Casing (ft): 62
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 02/07/1991 End Date: 03/22/2018
 Number of Measurements: 34





GROUNDWATER DETAILS

Well Name: BSD-17A
Permit Number:
WDID:
Data Source: DWR

Location Number: SC01106223DA
USGS Site ID:
Applicant/Contact: MIKE & GERALD HLATKI

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
1700 S	1220 E		NE	SE	23	11.0 S	62.0 W	S	560783.0	4325262.0	GPS

Division: 2 District: 67
 County: EL PASO
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

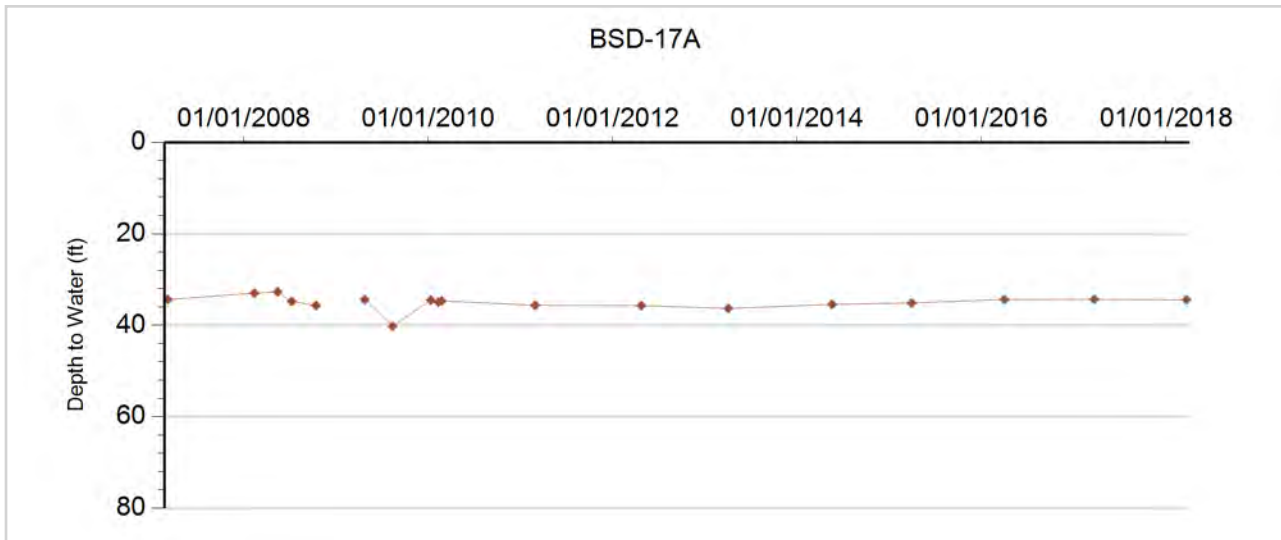
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/22/2018	34.44	6320.56	0.10
03/22/2017	34.34	6320.66	-0.01
03/31/2016	34.35	6320.65	-0.78
03/30/2015	35.13	6319.87	-0.30
05/19/2014	35.43	6319.57	-0.90
04/03/2013	36.33	6318.67	0.63
04/23/2012	35.70	6319.30	0.07
02/28/2011	35.63	6319.37	0.96
02/23/2010	34.67	6320.33	-0.28
01/01/2009			

Construction Information

Surface Elevation (ft): 6355.00
 Well Depth (ft): 80.00
 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: 03/06/2007 End Date: 03/22/2018
 Number of Measurements: 19





GROUNDWATER DETAILS

Well Name: BSD-18
Permit Number: 20183-R-R
WDID:
Data Source: DWR

Location Number: SC01106220BC
USGS Site ID:
Applicant/Contact: DENNIS KUCERIK

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2558 S	1246 W		SW	NW	20	11.0 S	62.0 W	S	555096.5	4325484.7	GPS

Division: 2 District: 67
 County: EL PASO
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

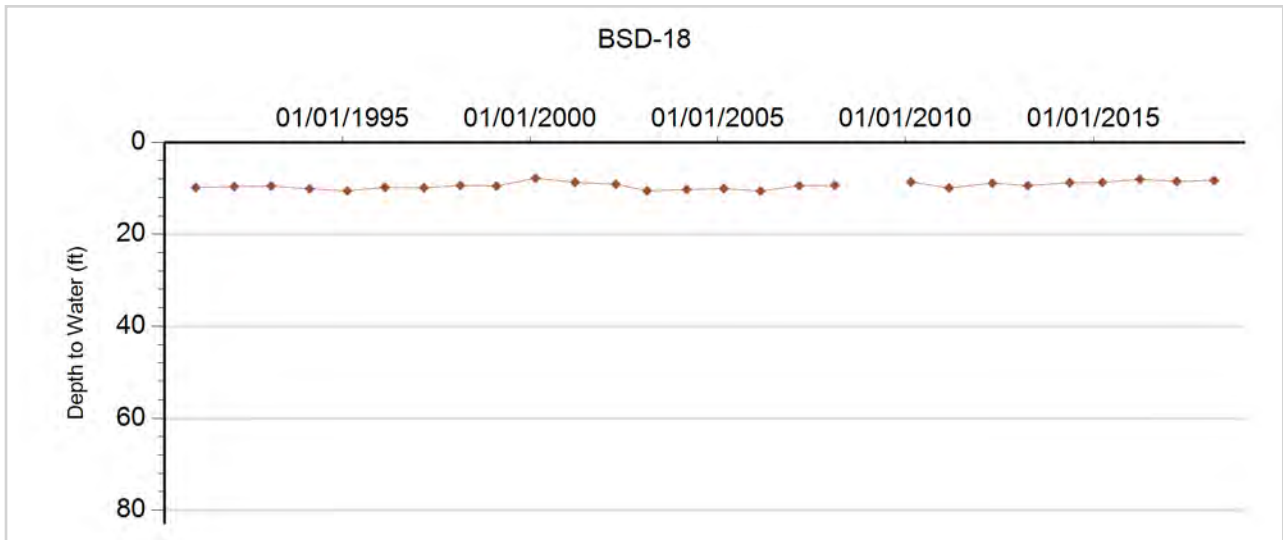
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/22/2018	8.27	6476.73	-0.23
03/22/2017	8.50	6476.50	0.45
03/31/2016	8.05	6476.95	-0.66
03/30/2015	8.71	6476.29	-0.07
05/19/2014	8.78	6476.22	-0.62
04/03/2013	9.40	6475.60	0.51
04/23/2012	8.89	6476.11	-1.02
02/28/2011	9.91	6475.09	1.28
02/23/2010	8.63	6476.37	
01/01/2009			

Construction Information

Surface Elevation (ft): 6485.00
 Well Depth (ft): 83.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft): 43
 Depth to Bottom of Perforated Casing (ft): 83
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 02/06/1991 End Date: 03/22/2018
 Number of Measurements: 28





GROUNDWATER DETAILS

Well Name: BSD-19
Permit Number: 13038-F
WDID:
Data Source: DWR

Location Number: SC01106324DB
USGS Site ID:
Applicant/Contact: WAYNE TURNER

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
1609 S	1531 E		NW	SE	24	11.0 S	63.0 W	S	552662.5	4325163.8	GPS

Division: 2 District: 67
 County: EL PASO
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

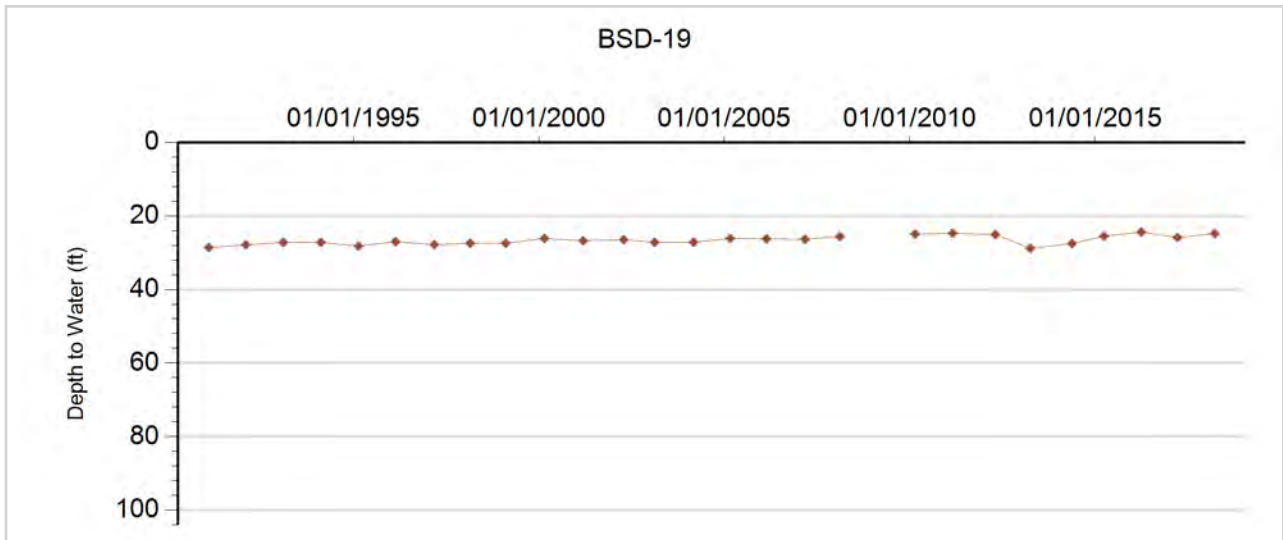
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/22/2018	24.81	6550.19	-1.05
03/22/2017	25.86	6549.14	1.49
03/31/2016	24.37	6550.63	-1.14
03/30/2015	25.51	6549.49	-1.99
05/19/2014	27.50	6547.50	-1.33
04/03/2013	28.83	6546.17	3.78
04/23/2012	25.05	6549.95	0.32
02/28/2011	24.73	6550.27	-0.19
02/23/2010	24.92	6550.08	
01/01/2009			

Construction Information

Surface Elevation (ft): 6575.00
 Well Depth (ft): 104.00
 Depth to Base of Grout (ft): 12
 Depth to Top of Perforated Casing (ft): 36
 Depth to Bottom of Perforated Casing (ft): 104
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 02/06/1991 End Date: 03/22/2018
 Number of Measurements: 28





GROUNDWATER DETAILS

Well Name: BSD-21
Permit Number: 10282-FP
WDID:
Data Source: DWR

Location Number: SC01106111BD
USGS Site ID:
Applicant/Contact: JOHN MIKITA

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2530 N	1298 W		SE	NW	11	11.0 S	61.0 W	S	569530.5	4328960.6	GPS

Division: 2 District: 67
 County: EL PASO
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

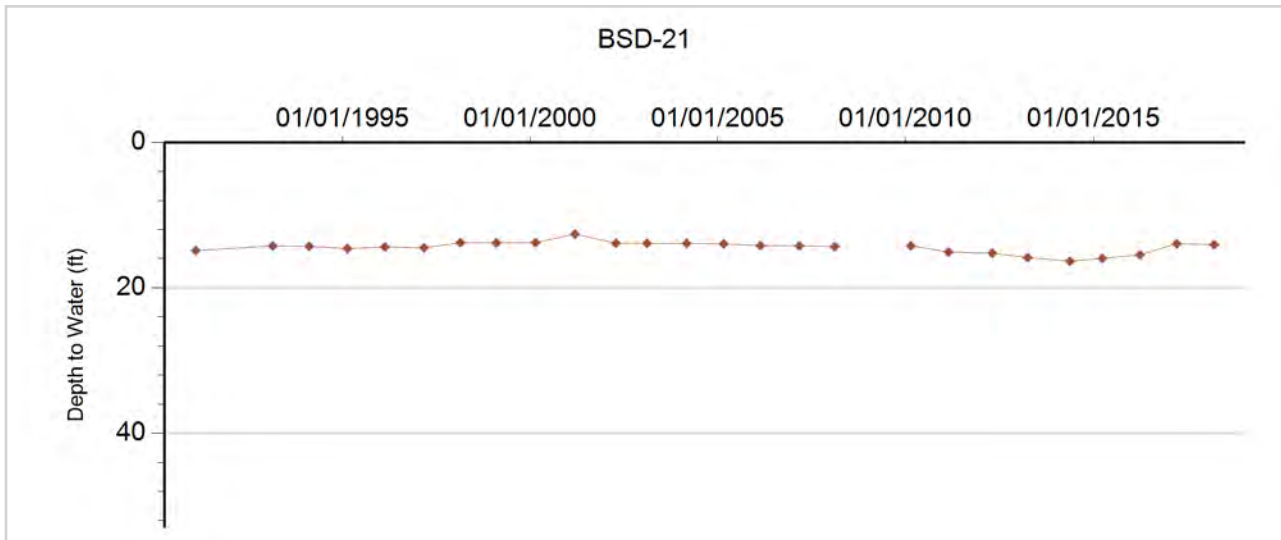
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/22/2018	14.06	6128.94	0.12
03/22/2017	13.94	6129.06	-1.52
03/31/2016	15.46	6127.54	-0.49
03/30/2015	15.95	6127.05	-0.39
05/21/2014	16.34	6126.66	0.51
04/03/2013	15.83	6127.17	0.59
04/23/2012	15.24	6127.76	0.15
02/24/2011	15.09	6127.91	0.86
02/23/2010	14.23	6128.77	
01/01/2009			

Construction Information

Surface Elevation (ft): 6143.00
 Well Depth (ft): 53.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft): 23
 Depth to Bottom of Perforated Casing (ft): 53
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 02/06/1991 End Date: 03/22/2018
 Number of Measurements: 27





GROUNDWATER DETAILS

Well Name: BSD-22
Permit Number: 1652-RFP
WDID:
Data Source: DWR

Location Number: SC01106112BA
USGS Site ID:
Applicant/Contact: PAUL WINGARD

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
231 N	2077 W		NE	NW	12	11.0 S	61.0 W	S	571382.5	4329700.6	GPS

Division: 2 District: 67
 County: EL PASO
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

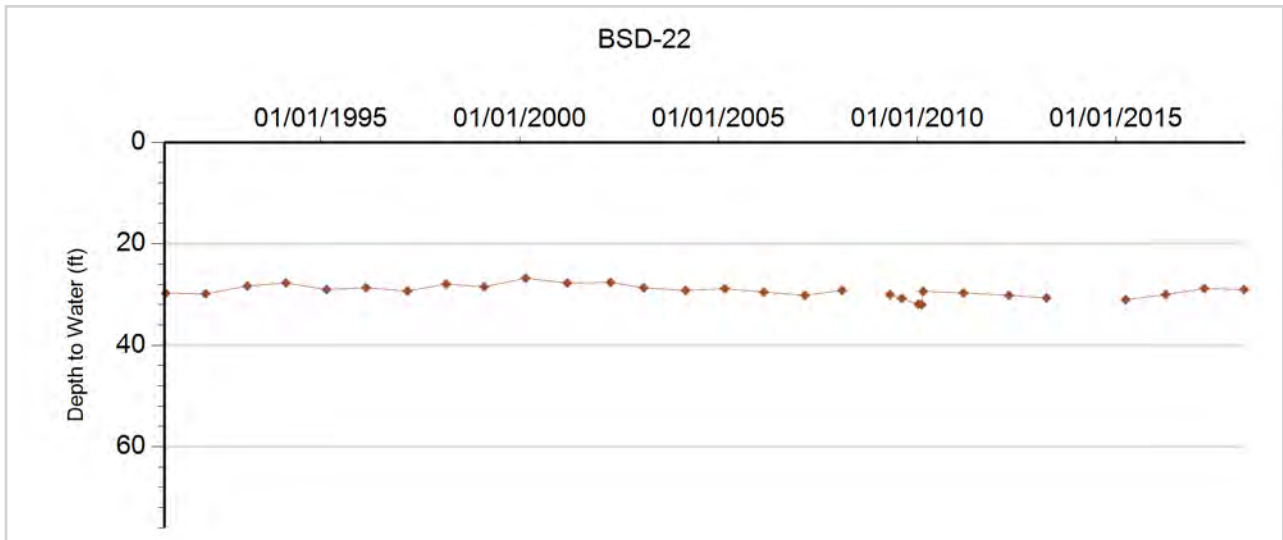
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/22/2018	29.02	6100.98	0.19
03/22/2017	28.83	6101.17	-1.18
03/31/2016	30.01	6099.99	-1.00
03/30/2015	31.01	6098.99	
05/21/2014			
04/03/2013	30.68	6099.32	0.53
04/23/2012	30.15	6099.85	0.47
02/28/2011	29.68	6100.32	0.30
02/22/2010	29.38	6100.62	-2.62
01/01/2009			

Construction Information

Surface Elevation (ft): 6130.00
 Well Depth (ft): 76.00
 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: 02/06/1991 End Date: 03/22/2018
 Number of Measurements: 32





GROUNDWATER DETAILS

Well Name: BSD-30A
Permit Number: 37089-M
WDID:
Data Source: DWR

Location Number: SC01106326AD
USGS Site ID:
Applicant/Contact: UPPER BIG SANDY GWMD

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
1250 N	75 E		SE	NE	26	11.0 S	63.0 W	S	551486.5	4324313.8	GPS

Division: 2 District: 67
 County: EL PASO
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

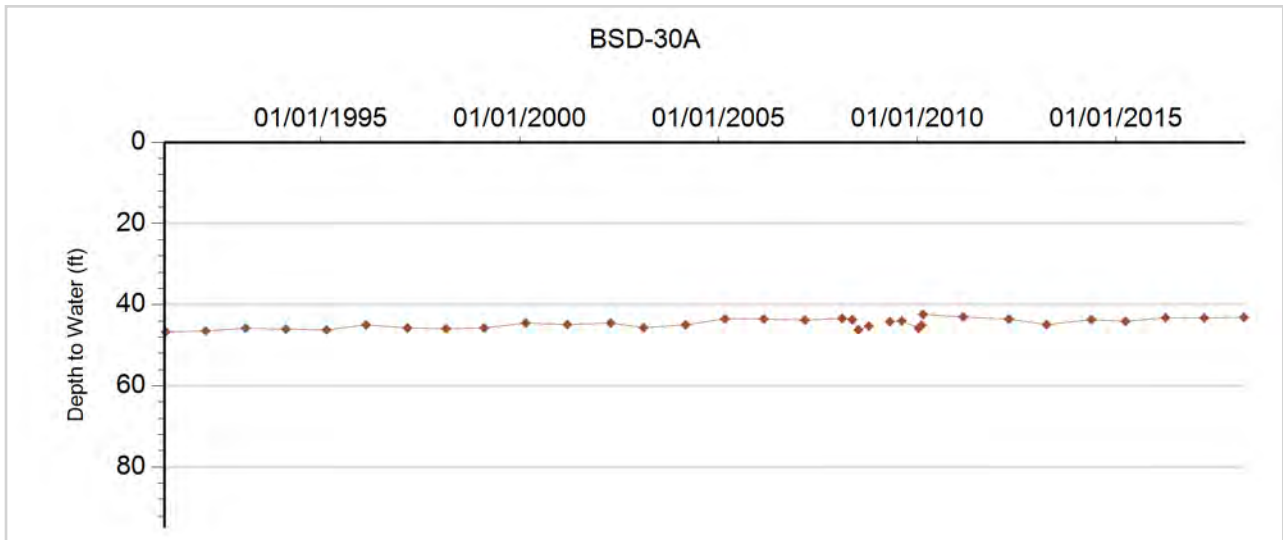
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/22/2018	43.12	6581.88	-0.14
03/22/2017	43.26	6581.74	0.05
03/31/2016	43.21	6581.79	-0.89
03/30/2015	44.10	6580.90	0.40
05/19/2014	43.70	6581.30	-1.20
04/03/2013	44.90	6580.10	1.35
04/23/2012	43.55	6581.45	0.51
02/28/2011	43.04	6581.96	0.66
02/23/2010	42.38	6582.62	-2.70
01/01/2009			

Construction Information

Surface Elevation (ft): 6625.00
 Well Depth (ft): 95.00
 Depth to Base of Grout (ft): 21
 Depth to Top of Perforated Casing (ft): 64
 Depth to Bottom of Perforated Casing (ft): 95
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 02/06/1991 End Date: 03/22/2018
 Number of Measurements: 35





GROUNDWATER DETAILS

Well Name: BSD-37
Permit Number:
WDID:
Data Source: DWR

Location Number: SC01005816BB
USGS Site ID:
Applicant/Contact: LASATER RANCH

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
1078 N	175 W		NW	NW	16	10.0 S	58.0 W	S	594977.4	4337734.5	GPS

Division: 2 District: 67
 County: ELBERT
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

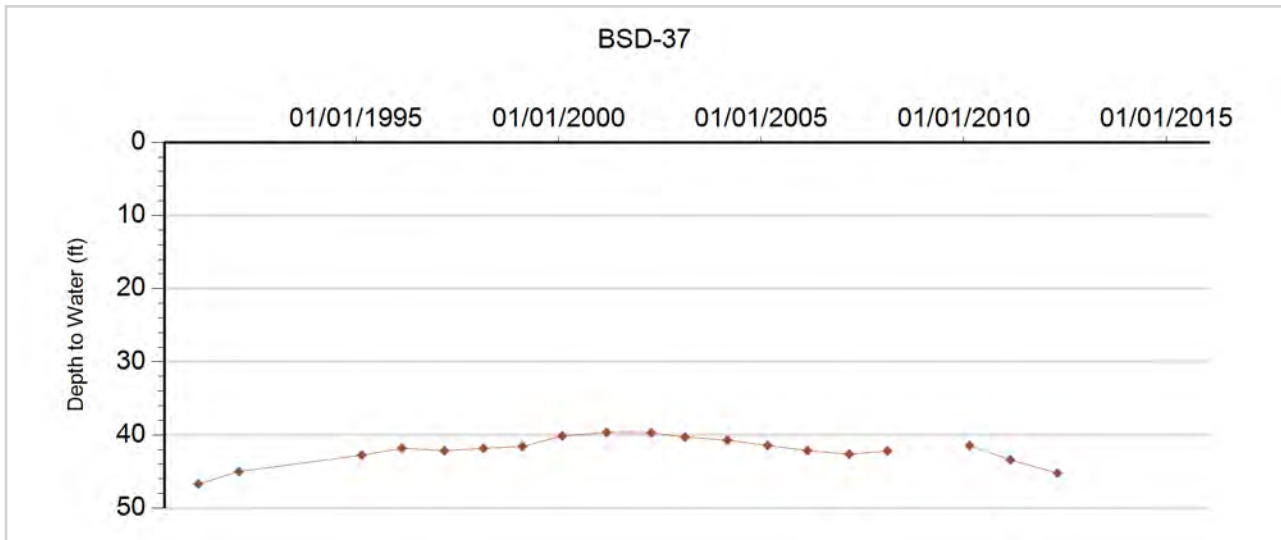
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/31/2015			
05/20/2014			
04/03/2013			
04/24/2012	45.20	5694.80	1.81
02/24/2011	43.39	5696.61	1.94
02/22/2010	41.45	5698.55	
01/01/2009			
02/12/2008	42.18	5697.82	-0.44
03/05/2007	42.62	5697.38	0.49
02/20/2006	42.13	5697.87	0.72

Construction Information

Surface Elevation (ft): 5740.00
 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: 02/08/1991 End Date: 03/31/2015
 Number of Measurements: 23





GROUNDWATER DETAILS

Well Name: BSD-40
Permit Number: 239238-
WDID:
Data Source: DWR

Location Number: SC01006136DD
USGS Site ID:
Applicant/Contact: KENT GREENWOOD

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
673 S	20 E		SE	SE	36	10.0 S	61.0 W	S	572412.0	4331606.0	GPS

Division: 2 District: 67
 County: ELBERT
 Designated Basin: UPPER BIG SANDY
 Management District:

Time Series Data - Ten Most Recent Reportings

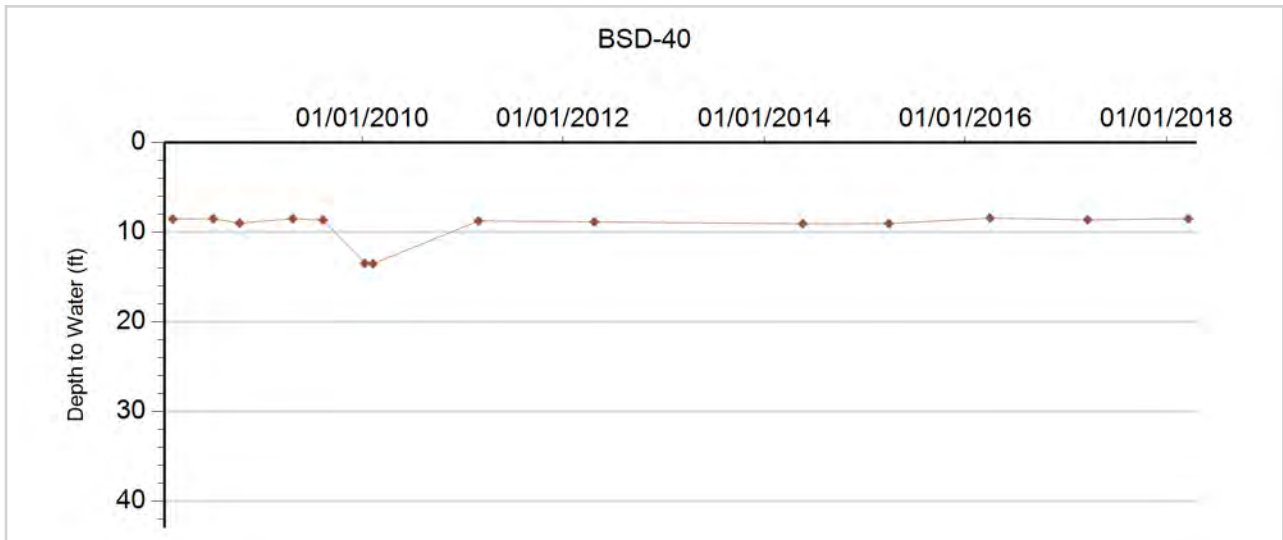
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/22/2018	8.52	6053.48	-0.12
03/22/2017	8.64	6053.36	0.19
03/31/2016	8.45	6053.55	-0.61
03/30/2015	9.06	6052.94	-0.03
05/21/2014	9.09	6052.91	0.22
04/24/2012	8.87	6053.13	0.10
02/28/2011	8.77	6053.23	-4.77
02/10/2010	13.54	6048.46	0.04
04/24/2009	8.52	6053.48	-0.49
07/09/2008	8.52	6053.48	-0.04

Construction Information

Surface Elevation (ft): 6062.00
 Well Depth (ft): 43.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft): 18
 Depth to Bottom of Perforated Casing (ft): 38
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 02/13/2008 End Date: 03/22/2018
 Number of Measurements: 14





GROUNDWATER DETAILS

Well Name: CHRISTOPHER #2
Permit Number:
WDID:
Data Source: DWR

Location Number: SC00905618CCD
USGS Site ID:
Applicant/Contact: TOWN OF LIMON

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
		SE	SW	SW	18	9.0 S	56.0 W	S	611243.0	4346419.0	GPS

Division: 2 District: 67
 County: LINCOLN
 Designated Basin:
 Management District:

Time Series Data - Ten Most Recent Reportings

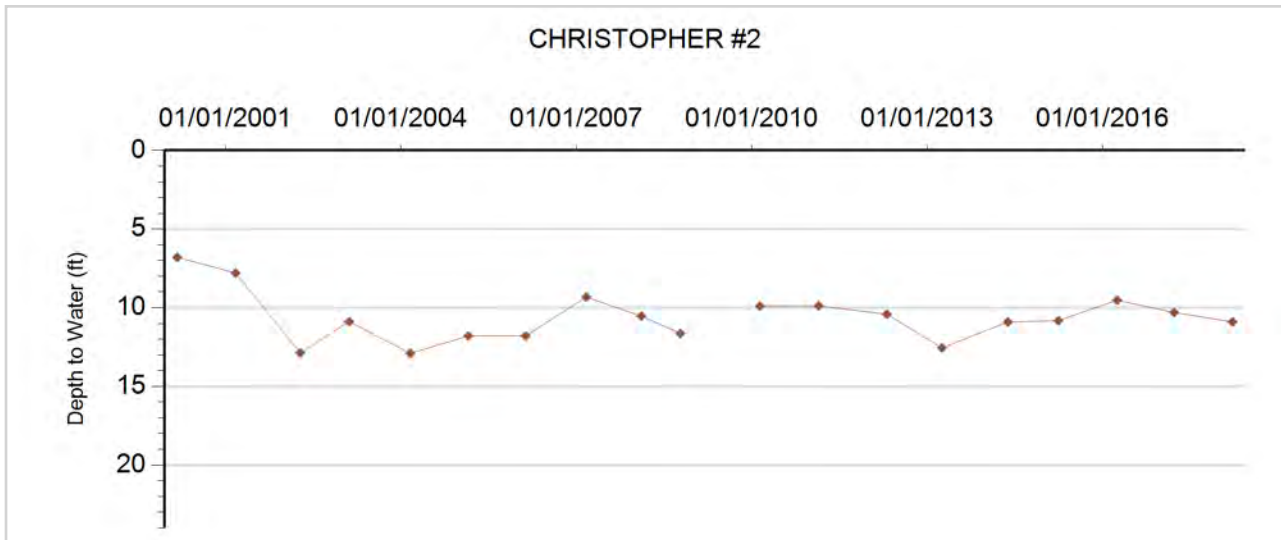
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/23/2018	10.90	5359.10	0.60
03/23/2017	10.30	5359.70	0.78
04/01/2016	9.52	5360.48	-1.30
03/31/2015	10.82	5359.18	-0.09
05/20/2014	10.91	5359.09	-1.64
04/04/2013	12.55	5357.45	2.14
04/24/2012	10.41	5359.59	0.53
02/24/2011	9.88	5360.12	-0.01
02/22/2010	9.89	5360.11	
01/01/2009			

Construction Information

Surface Elevation (ft): 5370.00
 Well Depth (ft): 24.00
 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: 03/08/2000 End Date: 03/23/2018
 Number of Measurements: 20





GROUNDWATER DETAILS

Well Name: JOHN CRAIG

Permit Number: 35186-MH

WDID:

Data Source: DWR

Location Number: SC00905626DCC

USGS Site ID:

Applicant/Contact: UPPER BIG SANDY GWMD

Physical Location

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
150 S	2510 E	SW	SW	SE	26	9.0 S	56.0 W	S	618194.4	4343186.4	GPS

Division: 2 District: 67
 County: LINCOLN
 Designated Basin: UPPER BIG SANDY
 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)
03/23/2018	10.86	5269.14	-0.11
03/23/2017	10.97	5269.03	0.28
04/01/2016	10.69	5269.31	-0.22
03/31/2015	10.91	5269.09	-0.04
05/20/2014	10.95	5269.05	-0.13
04/04/2013	11.08	5268.92	0.06
04/24/2012	11.02	5268.98	0.15
02/24/2011	10.87	5269.13	0.12
02/22/2010	10.75	5269.25	
01/01/2009			

Construction Information

Surface Elevation (ft): 5280.00
 Well Depth (ft): 40.00
 Depth to Base of Grout (ft):
 Depth to Top of Perforated Casing (ft): 20
 Depth to Bottom of Perforated Casing (ft): 30
 Source Aquifer(s): QUATERNARY ALLUVIUM

Well Measurement Summary

Start Date: 05/06/1999 End Date: 03/23/2018
 Number of Measurements: 20

