

GROUNDWATER LEVELS
in the
LOWER SOUTH PLATTE RIVER BASIN
ALLUVIAL AQUIFER
2016



by
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WATER LEVELS IN THE LOWER SOUTH PLATTE RIVER BASIN ALLUVIAL AQUIFER - 2016

This report contains basic data concerning the depth to and elevation of groundwater in the alluvial aquifer of the Lower South Platte River Basin and select tributaries collected during the spring and fall of 2016. Colorado Division of Water Resources (DWR) personnel and USGS personnel obtained **water-level measurements in this year's report**. Measurements are usually taken twice a year, typically in the spring before irrigation pumping commences and again in the fall after irrigation pumping has ceased. A map showing the location of each monitoring well in this report is included (Figure 1).

This report contains historical water-level data, including semi-annual measurements from 2016. The current 141-well network consists of 84 privately owned wells, 36 monitoring wells installed by the South Platte Decision Support System (SPDSS) and 21 wells associated with the USGS National Water-Quality Program (NAWQA). Under the direction of House Bill 15-1166, 25 wells have been added to the monitoring network. These wells were chosen because they were measured in the past and have a historical period of record or because they are located in a geographic data gap from the previous network.

Currently, 74 wells are equipped with continuous water-level data-collection devices (data loggers) **and 20 of those wells transmit data to HydroBase, DWR's free** online water database each day via satellite telemetry (Table 1). Previously, 58 wells were outfitted with data loggers. HB15-1166 provided funds to increase and optimize monitoring of the Lower South Platte River alluvial aquifer. The data loggers collect daily water-level data and stored in Hydrobase. Only the semi-annual manual measurements are listed in this report.

As in previous reports, the accompanying data table only lists data from the last 10 years, though the hydrographs display the full period of record. The report also contains data from wells that are normally a part of this monitoring effort, but for which measurements were not available in 2016. Wells lacking measurements for the past 10 years have been removed from the monitoring program and are no longer included in this publication.

Interested parties have requested an analysis of fall water levels for the previous five years. This report includes hydrographs of October water-level measurements from 2011 to 2016 on pages 6 to 13. In order to analyze local trends, the wells are grouped by county or specialized geographic areas. Generally, water levels have risen or remained steady since 2011.

The Colorado Water Conservation Board (CWCB) provided funding to replace failed data loggers and associated equipment and Division staff installed replacements as needed during the spring and fall water level monitoring events. The CWCB also funded a project to survey the measuring point elevations with high-precision GPS. The survey report can be downloaded by following this link: <http://dwrweblink.state.co.us/dwrweblink/0/doc/2859436/Page1.aspx?searchid=ec9ca3dd-f15a-40b5-9c52-0270b960feee>

In addition to the alluvial groundwater levels presented in this report, Division staff are actively involved in two special project areas - Sterling and LaSalle/Gilcrest. Groundwater levels in these areas are being monitored as separate programs. The Division is conducting multi-year studies, with funding provided by the CWCB, to gather the relevant data needed to identify the factors contributing to high groundwater level conditions identified by landowners in these areas. Water-level data specific to these project areas can be accessed through the Division 1 website at: <http://water.state.co.us/DivisionsOffices/Div1SPlatteRiverBasin/Pages/Div1SPlatteRB.aspx>
An electronic copy of this report is available on the Division of Water Resources website: <http://water.state.co.us/groundwater/Levels/Pages/HydroGeo.aspx>

Additionally, all groundwater level data may be accessed and exported using the tools available on the Colorado Decision Support System website:

<http://cdss.state.co.us/onlineTools/Pages/GroundWaterWaterLevels.aspx>

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 and the information in this report, please contact the Groundwater Information Desk at (303) 866-3587.

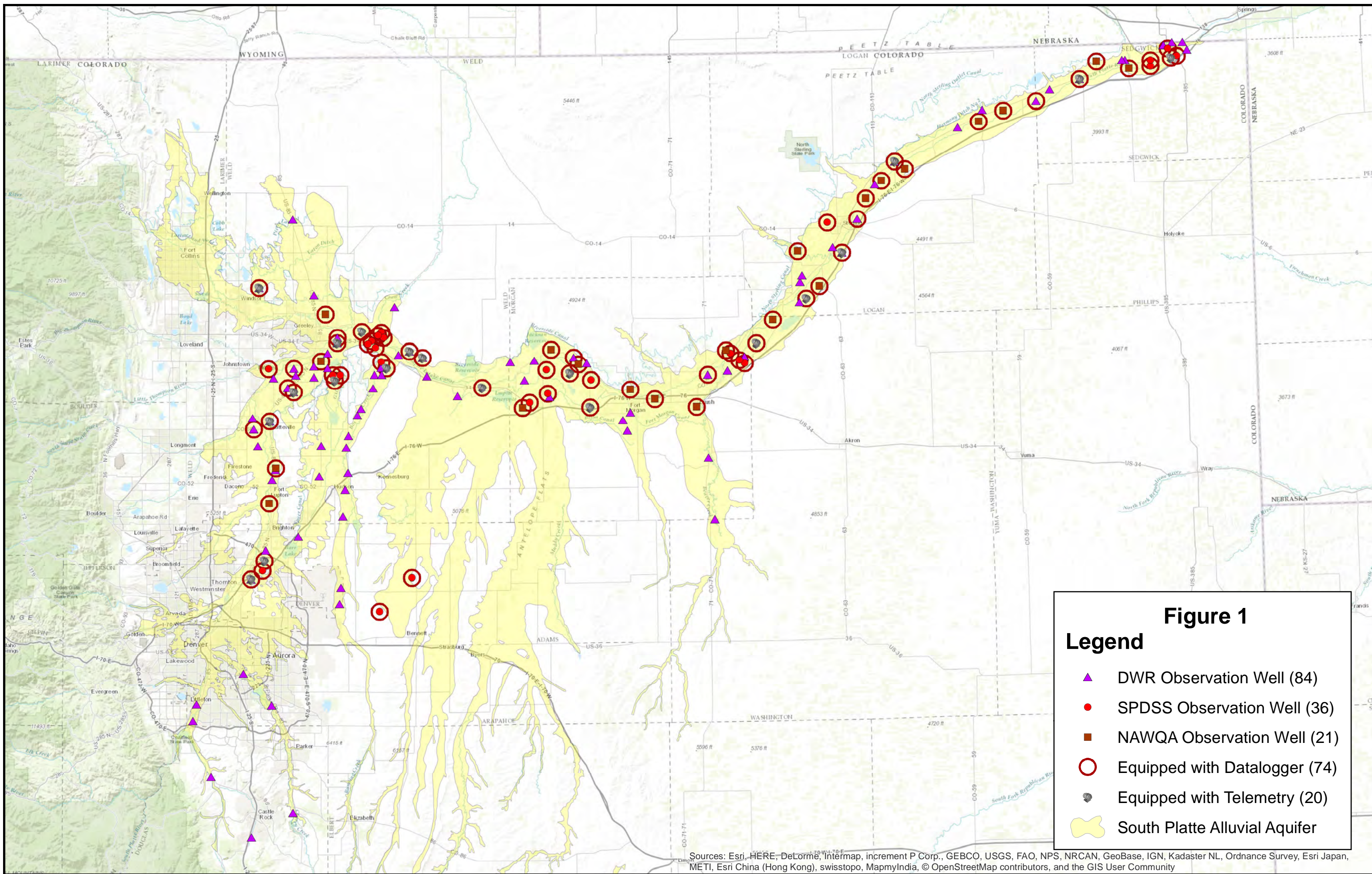


Figure 1
Legend

- ▲ DWR Observation Well (84)
- SPDSS Observation Well (36)
- NAWQA Observation Well (21)
- Equipped with Datalogger (74)
- ⦿ Equipped with Telemetry (20)
- South Platte Alluvial Aquifer

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

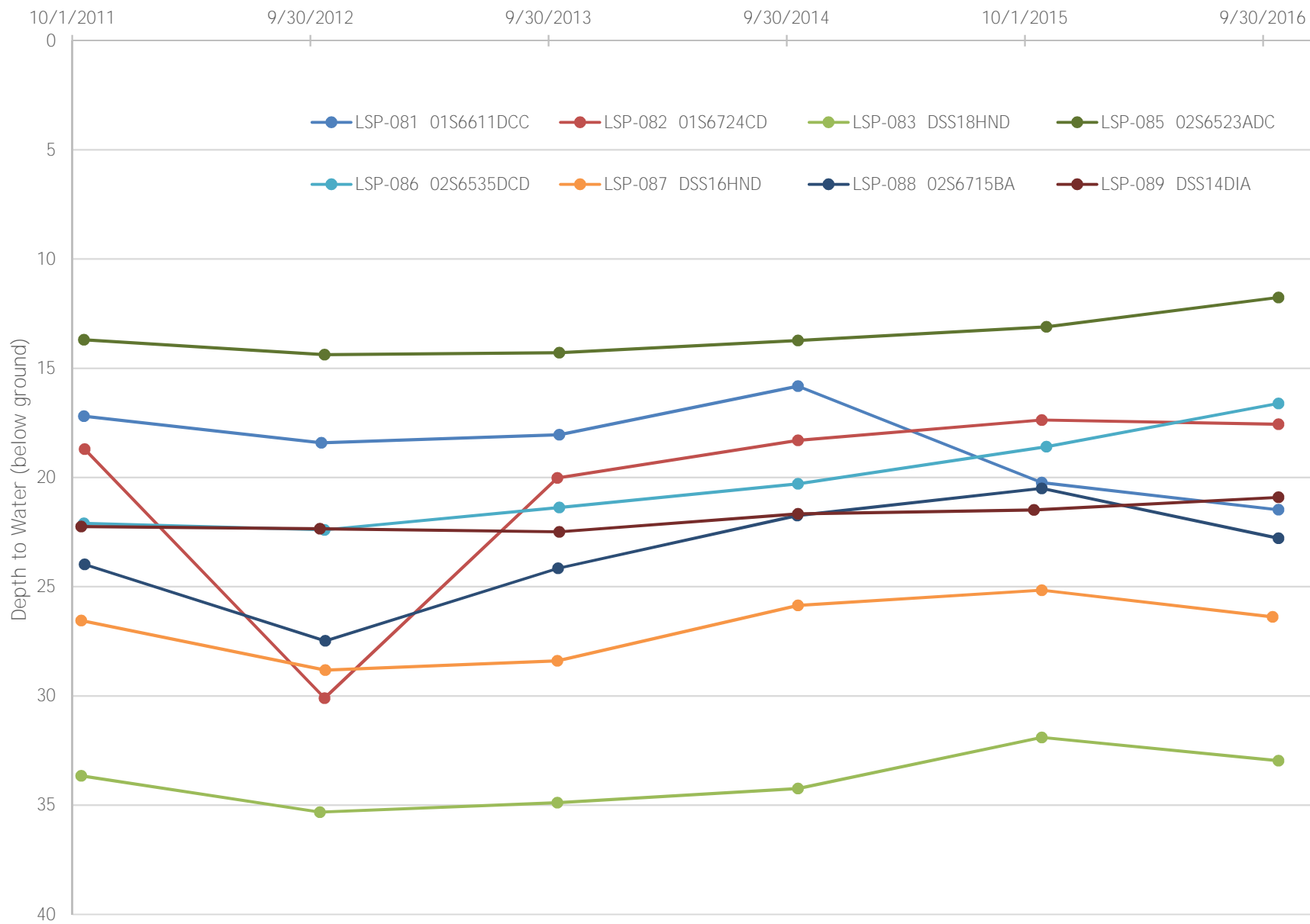
Table 1

Lower South Platte Alluvium Groundwater Monitoring Network

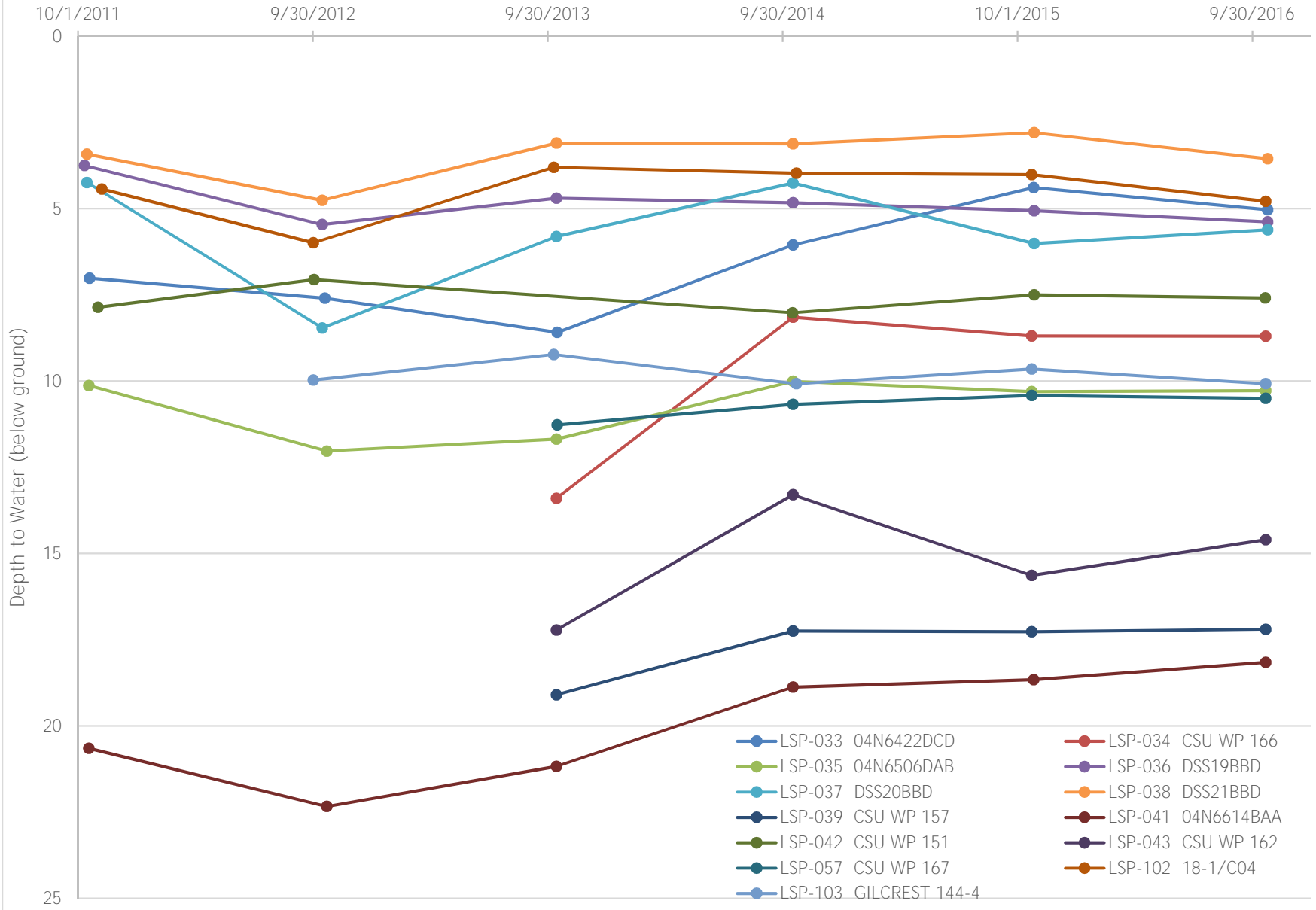
Wells Equipped with Satellite Telemetry and Daily Data in Hydrobase

Well Name	WDID	Installed	Permit No.	General Location	UTMX	UTMY
LSP-013 DSS33WLD	0110901	8/18/2016	266183	Weldona	591511	4455666
LSP-020 03N6618CAC2	0205451	4/11/2017	4246-F-R	Platteville	515157	4452294
LSP-023 DSS31WLD	0110902	8/18/2016	267133	Weldona	586677	4463746
LSP-027 DSS03OCH	0110907	8/25/2016	255449	Orchard	565829	4460261
LSP-030 DSS30BXE	0110903	8/3/2016	44081-MH	Box Elder Creek	543009	4464965
LSP-038 DSS21BBD	0210485	8/3/2016	44072-MH	Beebee Draw	530623	4461948
LSP-044 DSS08BLZ	0107473	10/19/2016	357R	Balzac	631135	4470905
LSP-050 DSS22KRY	0110904	8/12/2016	266185	Kersey	537065	4473634
LSP-059 DSS09STR	6406943	4/6/2017	255300	Sterling	643032	4481645
LSP-062 06N6712BBB	0305974	9/22/2016	11267-R-R	Severence	512633	4484068
LSP-065 DSS11ILF	6406944	10/18/2016	255453	Iliff	664088	4514246
LSP-079 DSS41JBG	6406945	10/18/2016	266179	Julesburg	729908	4538955
LSP-083 DSS18HND	0210486	7/8/2016	44130-MH	Henderson	513914	4419040
LSP-088 02S6715BA	0207341	7/8/2016	469-R	Henderson	510698	4414637
LSP-102 18-1/C04	0207029	8/12/2016	246339-A	Gilcrest	520848	4456252
LSP-103 GILCREST 144-4	0210487	8/12/2016	163722	Greeley	531253	4470930
LSP-105 SB00506327CBC	0110905	8/25/2016		70 Ranch	548447	4468947
LSP-106 SB00506336CBB	0110906	8/25/2016		70 Ranch	551580	4467386
LSP-112 SB00705217CDA	6406946	10/19/2016		Sterling	651527	4492501
LSP-120 CSU WP 73	6406079	10/18/2016	12249-R	Sedgwick	708200	4533965

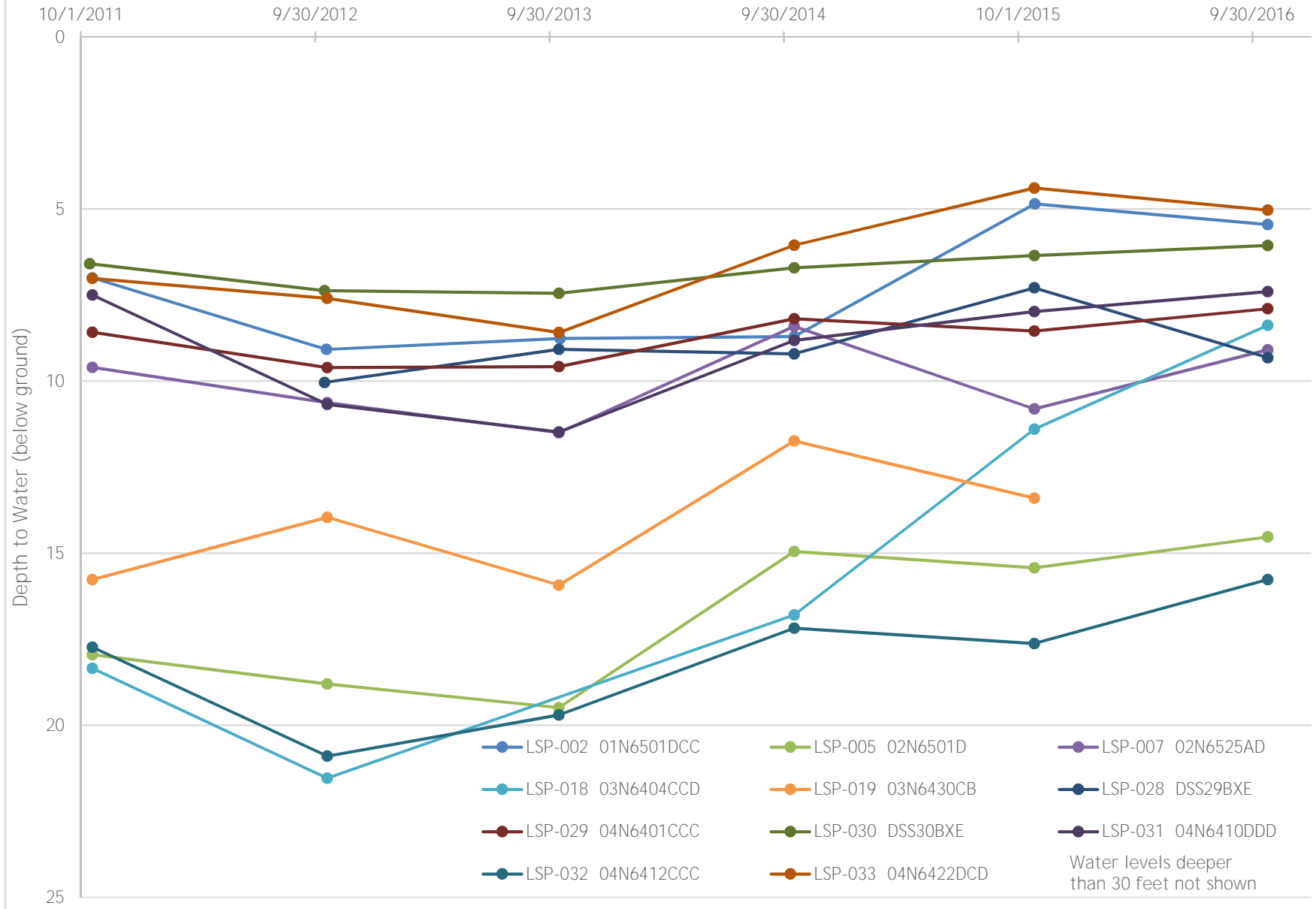
Adams County/Metro Area Water Levels October 2011-2016



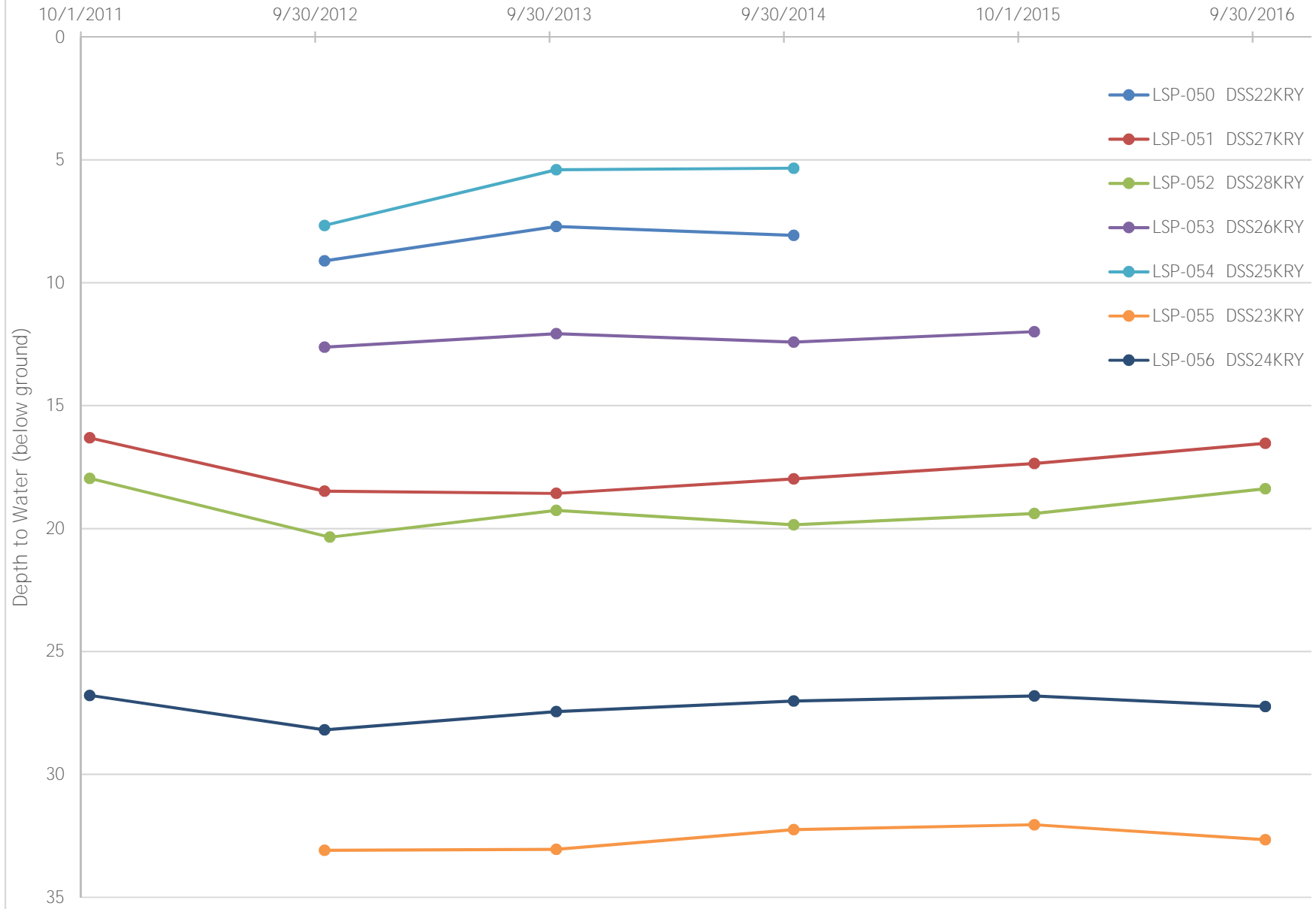
Weld County-Gilcrest/La Salle Wells Water Levels October 2011-2016



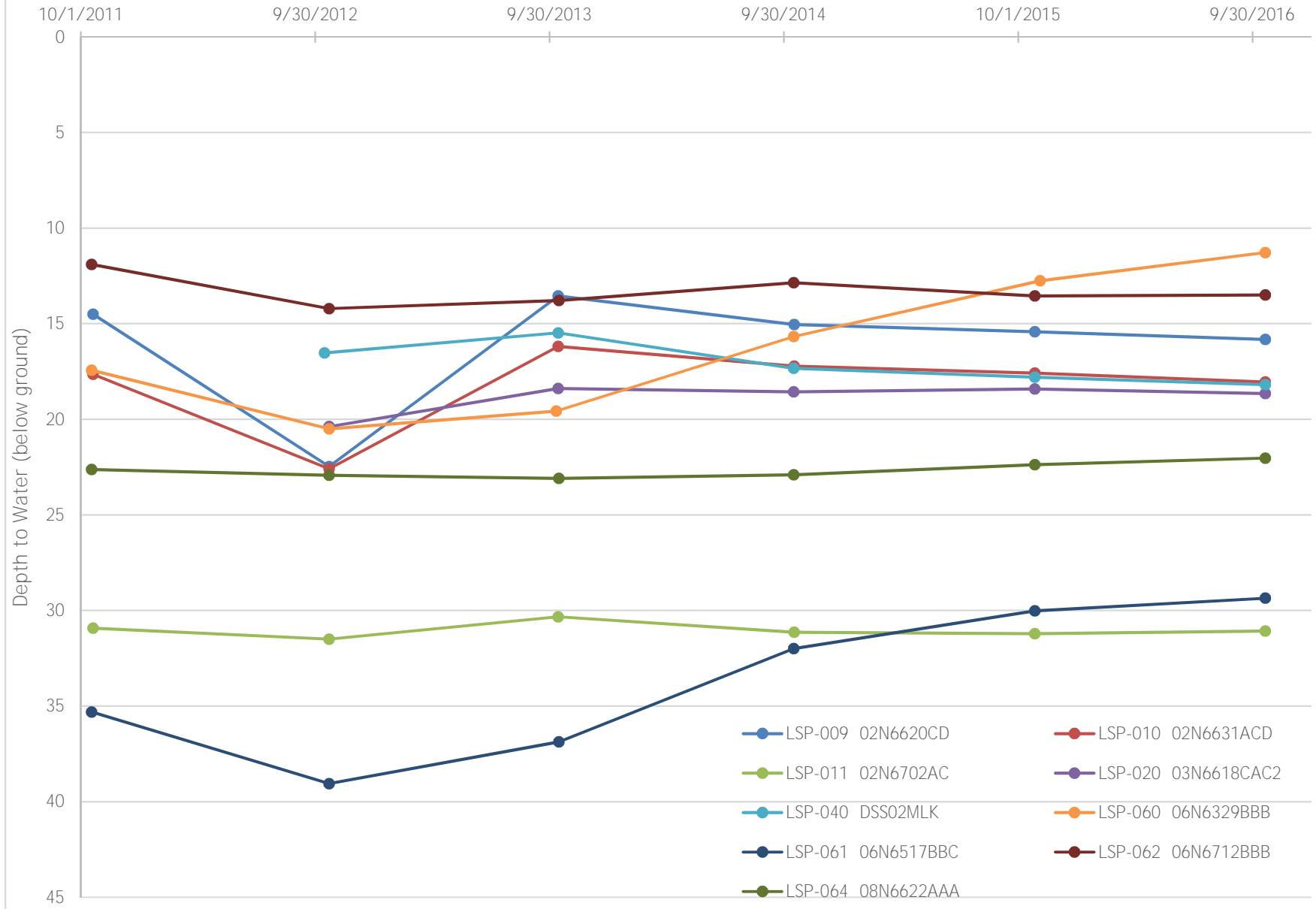
Weld County-Box Elder Wells Water Levels October 2011-2016



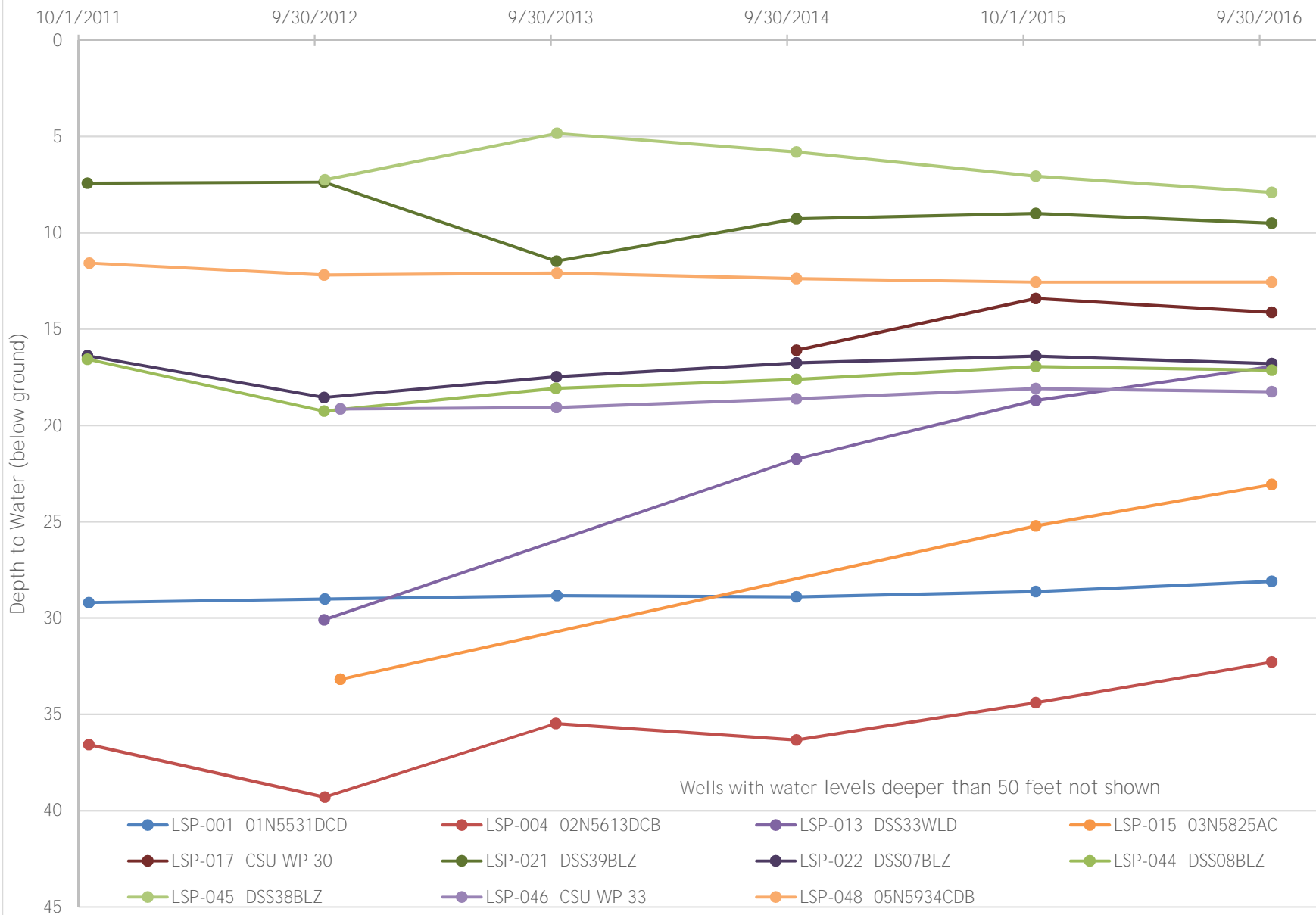
Weld County-Kersey Wells Water Levels October 2011-2016



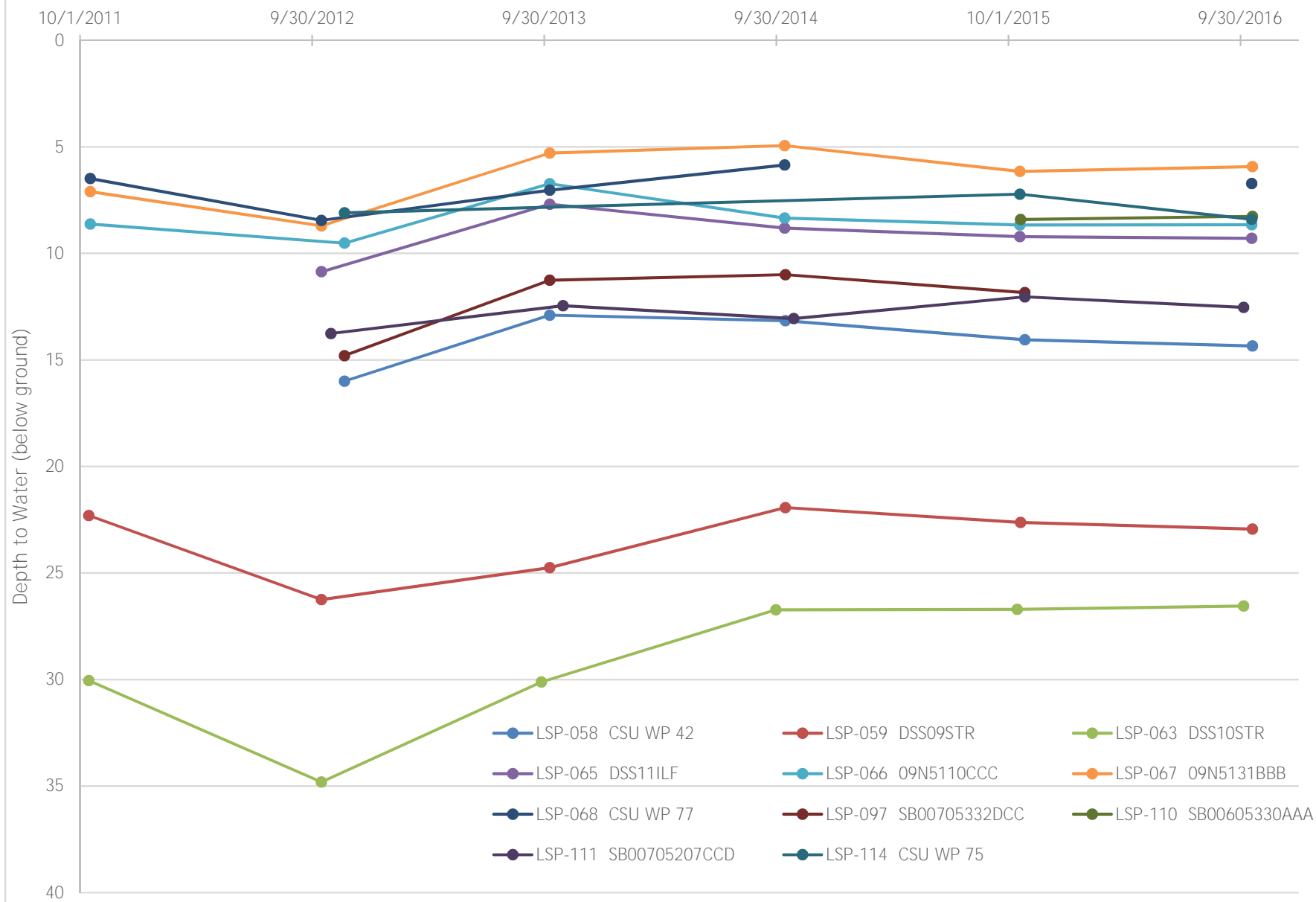
Weld County-Outliers Wells Water Levels October 2011-2016



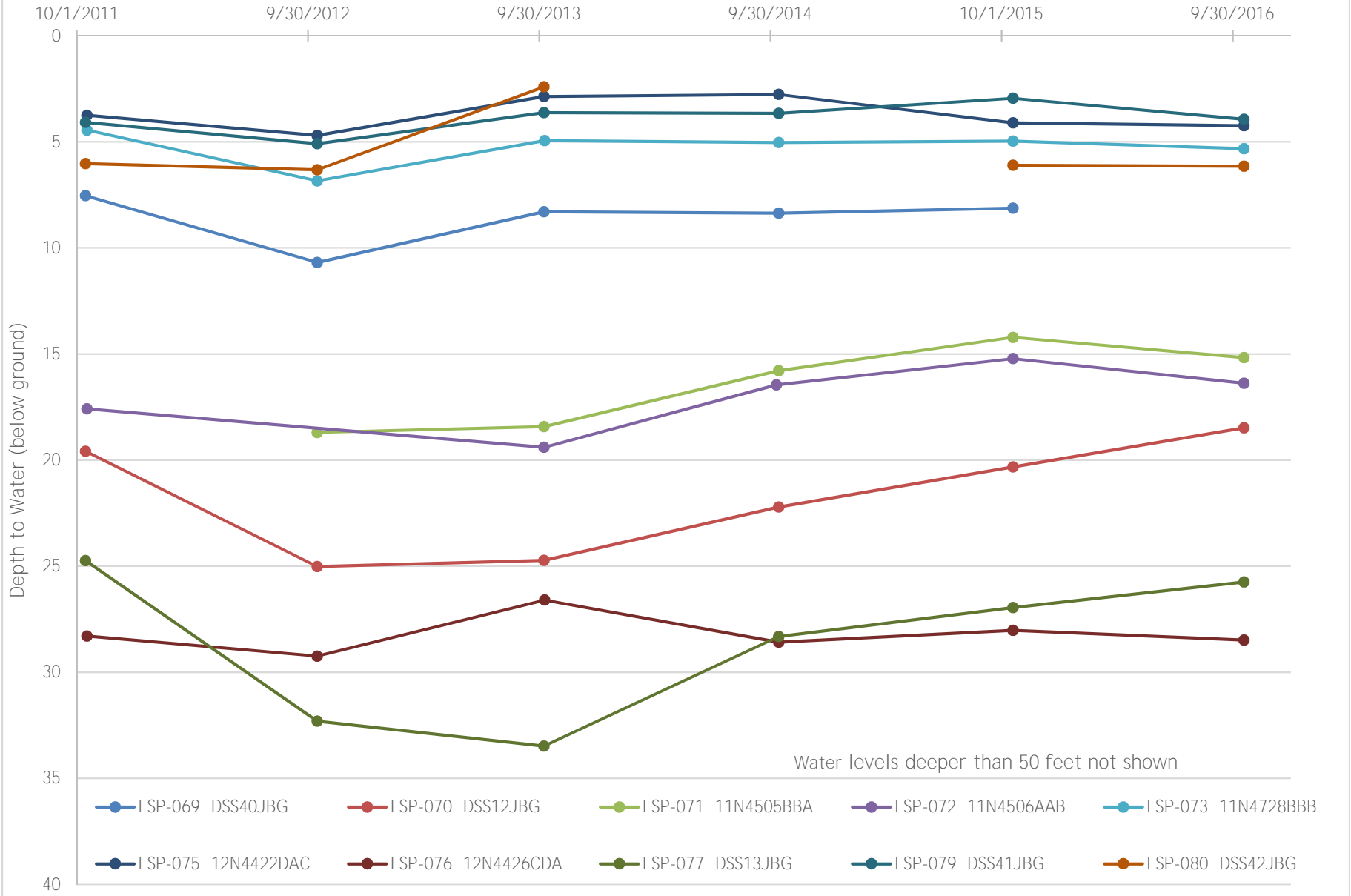
Morgan County Water Levels October 2011-2016



Logan County Water Levels October 2011-2016



Sedgwick County Water Levels October 2011-2016



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-002 01N6501DCC *Owner:* TAOKA BROS.
Permit #: 11709 - R - R *Location #:* SB00106501DCC2 *USGS Site ID:* 400427104363901

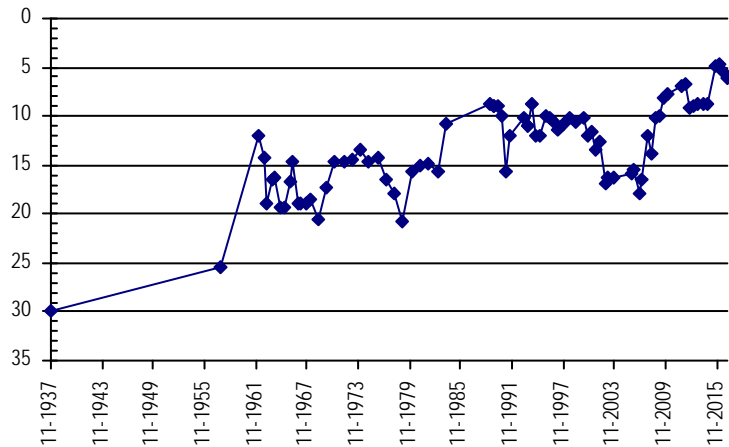
Division: 1 *Water District:* 1 *County:* WELD
Location: Q160 Q40 Q10 Section *Twtnshp* Range PM *Distance from section lines:*
SE SW SW 1 1 N 65 W S *From N/S line:* *From E/W line:*
UTM Coordinates (NAD83): *Northing (UTM y):* 4435973.4 *Easting (UTM x):* 533174.2 *GPS*
Latitude/Longitude (decimal degrees): 40.073372 -104.610944

Surface Elevation (ft): 4958.2 *Top Perforated Interval (ft):* *Base of grout (ft):* **Water Level Change**
Well depth (ft): 61 *Bottom Perforated Interval (ft):* **1 year:** -1.34
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 0.50
10 year: 10.28

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/14/2007	16.40	4941.80	1.51
10/17/2007	12.05	4946.15	4.35
3/10/2008	13.82	4944.38	-1.77
10/21/2008	10.26	4947.94	3.56
5/10/2009	10.05	4948.15	0.21
10/17/2009	8.15	4950.05	1.90
4/9/2010	7.65	4950.55	0.50
10/19/2011	7.00	4951.20	0.65
3/23/2012	6.62	4951.58	0.38
10/18/2012	9.08	4949.12	-2.46
3/26/2013	8.90	4949.30	0.18
10/17/2013	8.76	4949.44	0.14
4/10/2014	8.83	4949.37	-0.07
10/17/2014	8.71	4949.49	0.12
3/16/2015			
10/27/2015	4.85	4953.35	
3/22/2016	4.78	4953.42	0.07
10/24/2016	5.45	4952.75	-0.67
3/10/2017	6.12	4952.08	-0.67

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-009 02N6620CD

Owner:

Permit #: 8772 - R - Location #: SB00206620CD USGS Site ID:

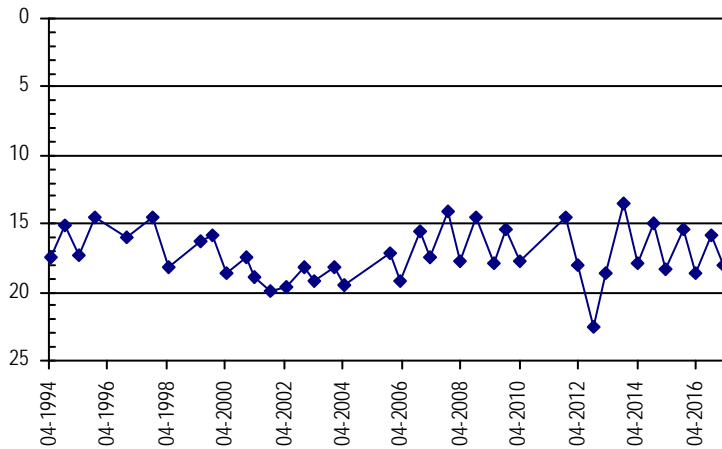
Division: 1 Water District: 2 County: WELD
 Location: Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:
 SW SE 20 2 N 66 W S From N/S line: From E/W line:
 UTM Coordinates (NAD83): Northing (UTM y): 4440703.0 Easting (UTM x): 516580.0 GPS
 Latitude/Longitude (decimal degrees): 40.116474 -104.805432

Surface Elevation (ft): 4817.88 Top Perforated Interval (ft): 30 Base of grout (ft): **Water Level Change**
 Well depth (ft): 55 Bottom Perforated Interval (ft): 55 **1 year:** 0.57
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 0.12
10 year: -0.53

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	17.44	4800.44	-1.90
10/16/2007	14.06	4803.82	3.38
3/12/2008	17.77	4800.11	-3.71
10/20/2008	14.51	4803.37	3.26
5/7/2009	17.86	4800.02	-3.35
10/23/2009	15.35	4802.53	2.51
4/5/2010	17.73	4800.15	-2.38
10/20/2011	14.50	4803.38	3.23
3/26/2012	18.09	4799.79	-3.59
10/22/2012	22.47	4795.41	-4.38
3/26/2013	18.61	4799.27	3.86
10/14/2013	13.55	4804.33	5.06
4/11/2014	17.92	4799.96	-4.37
10/17/2014	15.04	4802.84	2.88
3/16/2015	18.25	4799.63	-3.21
10/27/2015	15.42	4802.46	2.83
3/22/2016	18.54	4799.34	-3.12
10/20/2016	15.82	4802.06	2.72
3/9/2017	17.97	4799.91	-2.15

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

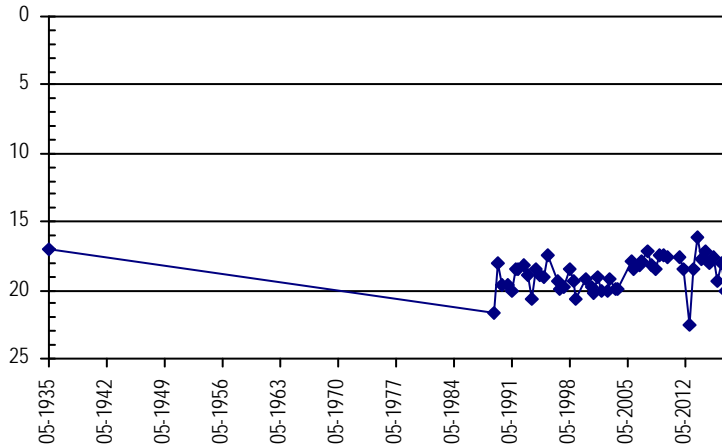
Well Name:	LSP-010 02N6631ACD	<i>Owner:</i>	SAKATA, B.
<i>Permit #:</i>	6818 - R -	<i>Location #:</i>	SB00206631ACD
<i>Division:</i>	1	<i>Water District:</i>	2
		<i>County:</i>	WELD
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	NE SW SE 31	2 N 66 W S	<i>From N/S line:</i> <i>From E/W line:</i>
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y):</i>	4438296.0	<i>Easting (UTM x):</i> 515786.0 <i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>		40.094804	-104.814809
<i>Surface Elevation (ft):</i>	4895.84	<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: -0.73
5 year: -1.64
10 year: -2.26

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/16/2007	17.86	4877.98	0.35
10/16/2007	17.14	4878.70	0.72
3/13/2008	18.15	4877.69	-1.01
10/20/2008	18.44	4877.40	-0.29
5/7/2009	17.43	4878.41	1.01
10/23/2009	17.37	4878.47	0.06
4/5/2010	17.59	4878.25	-0.22
10/20/2011	17.65	4878.19	-0.06
3/26/2012	18.48	4877.36	-0.83
10/22/2012	22.59	4873.25	-4.11
4/1/2013	18.52	4877.32	4.07
10/14/2013	16.19	4879.65	2.33
4/11/2014	17.80	4878.04	-1.61
10/17/2014	17.22	4878.62	0.58
3/16/2015	18.04	4877.80	-0.82
10/27/2015	17.59	4878.25	0.45
3/22/2016	19.39	4876.45	-1.80
10/20/2016	18.05	4877.79	1.34
3/9/2017	20.12	4875.72	-2.07

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-014 CSU WP 98

Owner:

Permit #: - -

Location #: SB00305814DDD

USGS Site ID: 401304103495500

Division: 1 Water District: 1 County: MORGAN

Location: Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:
SE SE SE 14 3 N 58 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4452570.8 Easting (UTM x): 599346.6 GPS

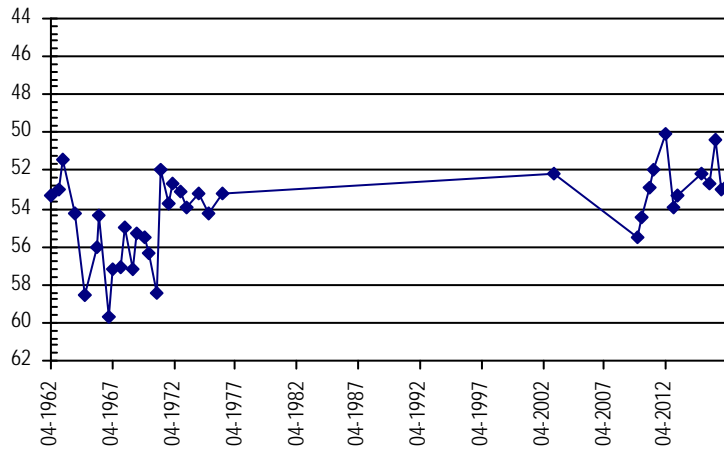
Latitude/Longitude (decimal degrees): 40.217672 -103.832439

Surface Elevation (ft): 4363.37 Top Perforated Interval (ft): Base of grout (ft): **Water Level Change**
Well depth (ft): 156 Bottom Perforated Interval (ft): **1 year:** -2.48
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -2.73
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
12/4/2009	55.50	4307.87	-3.30
4/2/2010	54.50	4308.87	1.00
11/22/2010	52.90	4310.47	1.60
3/18/2011	52.00	4311.37	0.90
3/15/2012	50.10	4313.27	1.90
11/9/2012	53.96	4309.41	-3.86
3/26/2013	53.35	4310.02	0.61
3/12/2015	52.15	4311.22	1.20
10/20/2015	52.65	4310.72	-0.50
3/1/2016	50.35	4313.02	2.30
10/19/2016	53.05	4310.32	-2.70
3/8/2017	52.83	4310.54	0.22

All Historic Measurements



Well Name: LSP-015 03N5825AC

Owner: KRENING, L.J.

Permit #: 8644 - R -

Location #: SB00305825AC

USGS Site ID:

Division: 1 Water District: 1 County: MORGAN

Location: Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:
NE SW 25 3 N 58 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4450107.7 Easting (UTM x): 600426.2 GPS

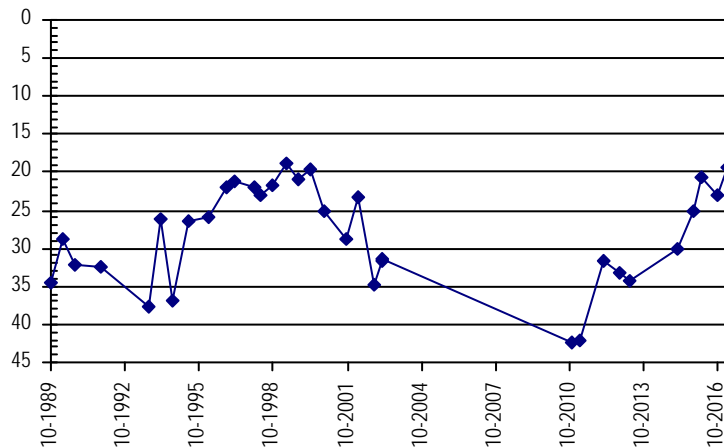
Latitude/Longitude (decimal degrees): 40.195357 -103.820139

Surface Elevation (ft): 4351.52 Top Perforated Interval (ft): 35 Base of grout (ft): **Water Level Change**
Well depth (ft): 125 Bottom Perforated Interval (ft): 125 **1 year:** 1.24
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 12.15
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
11/23/2010	42.50	4309.02	-11.12
3/18/2011	42.10	4309.42	0.40
3/15/2012	31.60	4319.92	10.50
11/9/2012	33.18	4318.34	-1.58
3/26/2013	34.35	4317.17	-1.17
3/6/2015	30.11	4321.41	4.24
10/20/2015	25.22	4326.30	4.89
3/1/2016	20.69	4330.83	4.53
10/19/2016	23.07	4328.45	-2.38
3/8/2017	19.45	4332.07	3.62

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

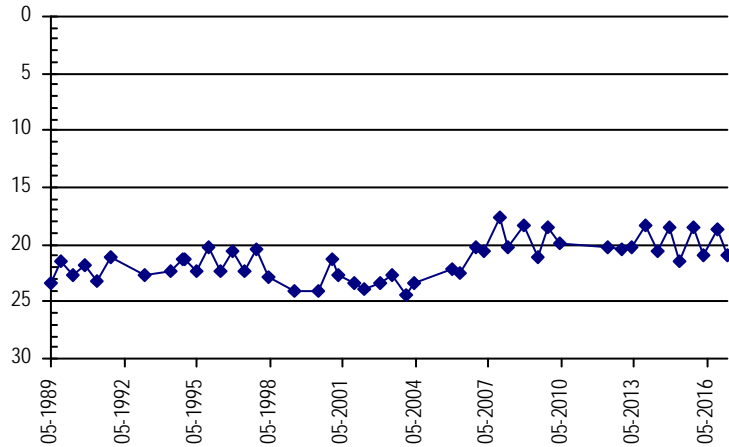
Well Name:	LSP-020 03N6618CAC2	<i>Owner:</i>	BOULTER, W.
<i>Permit #:</i>	4246 - F - R	<i>Location #:</i>	SB00306618CAC2
<i>USGS Site ID:</i>			
<i>Division:</i>	1	<i>Water District:</i>	2
		<i>County:</i>	WELD
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	SW NE SW 18	3 N 66 W S	<i>From N/S line:</i> <i>From E/W line:</i>
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y):</i>	4452293.6	<i>Easting (UTM x):</i> 515157.0 <i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>		40.220927	-104.821858
<i>Surface Elevation (ft):</i>	4809.36	<i>Top Perforated Interval (ft):</i>	32
		<i>Base of grout (ft):</i>	
<i>Well depth (ft):</i>	56	<i>Bottom Perforated Interval (ft):</i>	56
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		

Water Level Change
1 year: -0.01
5 year: -0.70
10 year: -0.44

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/16/2007	20.50	4788.86	-0.29
10/16/2007	17.55	4791.81	2.95
3/12/2008	20.20	4789.16	-2.65
10/20/2008	18.39	4790.97	1.81
5/7/2009	21.18	4788.18	-2.79
10/20/2009	18.45	4790.91	2.73
4/5/2010	19.88	4789.48	-1.43
10/18/2011			
3/22/2012	20.24	4789.12	
10/22/2012	20.38	4788.98	-0.14
3/26/2013	20.30	4789.06	0.08
10/14/2013	18.39	4790.97	1.91
4/11/2014	20.56	4788.80	-2.17
10/16/2014	18.56	4790.80	2.00
3/12/2015	21.52	4787.84	-2.96
10/27/2015	18.41	4790.95	3.11
3/22/2016	20.93	4788.43	-2.52
10/20/2016	18.65	4790.71	2.28
3/9/2017	20.94	4788.42	-2.29

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-024 04N5931CB

Owner: ELMER FRANK

Permit #: 13994 - F - R *Location #:* SB00405931CB

USGS Site ID:

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

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW NW 31 4 N 59 W S *From N/S line:* *From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y):* 4458106.0 *Easting (UTM x):* 581921.0 *GPS*

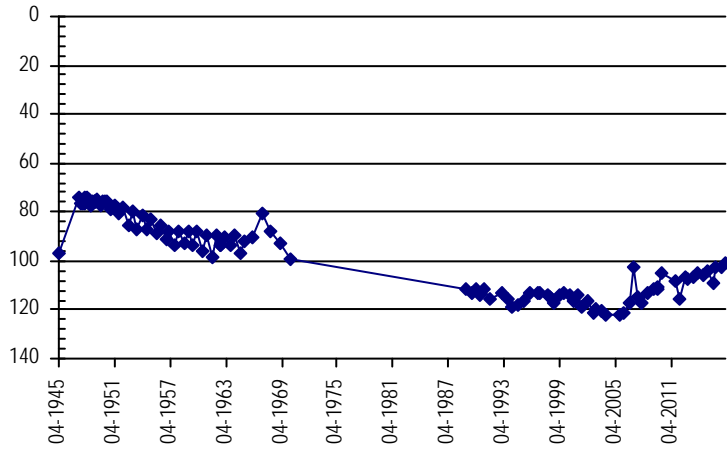
Latitude/Longitude (decimal degrees): 40.269419 -104.036495

Surface Elevation (ft): 4504.12 *Top Perforated Interval (ft):* 139 *Base of grout (ft):* **Water Level Change**
Well depth (ft): 213 *Bottom Perforated Interval (ft):* 213 **1 year:** 1.09
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 14.33
10 year: 1.39

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/14/2007	102.59	4401.53	14.89
10/19/2007	114.96	4389.16	-12.37
3/12/2008	117.31	4386.81	-2.35
10/23/2008	113.15	4390.97	4.16
5/13/2009	111.78	4392.34	1.37
11/27/2009	110.80	4393.32	0.98
12/4/2009	111.60	4392.52	-0.80
4/12/2010	105.20	4398.92	6.40
10/18/2011	108.47	4395.65	-3.27
3/22/2012	115.53	4388.59	-7.06
10/17/2012	106.80	4397.32	8.73
3/14/2013	107.72	4396.40	-0.92
10/10/2013	106.84	4397.28	0.88
4/9/2014	105.10	4399.02	1.74
10/16/2014	105.77	4398.35	-0.67
3/12/2015	104.12	4400.00	1.65
10/20/2015	108.85	4395.27	-4.73
3/1/2016	102.29	4401.83	6.56
10/19/2016	102.77	4401.35	-0.48
3/8/2017	101.20	4402.92	1.57

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-026 DSS05WLD

Owner: CWCB

Permit #: 255450 - -

Location #: SB00406025DC

USGS Site ID:

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

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SE SW 25 4 N 60 W S *From N/S line:* 663 S *From E/W line:* 1603 E

UTM Coordinates (NAD83): *Northing (UTM y):* 4458871.7 *Easting (UTM x):* 581459.3 *Surveyed*

Latitude/Longitude (decimal degrees): 40.276361 -104.041827

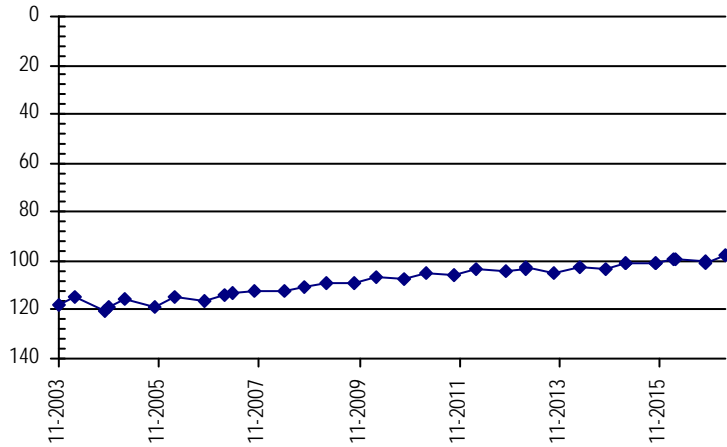
Surface Elevation (ft): 4501.55 *Top Perforated Interval (ft):* 126 *Base of grout (ft):* **Water Level Change**
Well depth (ft): 146 *Bottom Perforated Interval (ft):* 146 **1 year:** 0.85
5 year: 5.01
10 year: 15.82

Aquifer(s): QUATERNARY ALLUVIUM

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/15/2007	113.90	4387.65	2.81
5/15/2007	113.41	4388.14	0.49
10/15/2007	112.61	4388.94	0.80
5/15/2008	112.18	4389.37	0.43
10/15/2008	110.99	4390.56	1.19
3/15/2009	109.10	4392.45	1.89
10/15/2009	108.70	4392.85	0.40
3/15/2010	106.53	4395.02	2.17
10/15/2010	107.74	4393.81	-1.21
3/15/2011	104.79	4396.76	2.95
10/15/2011	105.97	4395.58	-1.18
3/15/2012	103.09	4398.46	2.88
10/15/2012	104.50	4397.05	-1.41
3/14/2013	103.06	4398.49	1.44
3/15/2013	102.85	4398.70	0.21
10/10/2013	105.04	4396.51	-2.19
4/9/2014	102.41	4399.14	2.63
10/16/2014	103.46	4398.09	-1.05
3/12/2015	101.08	4400.47	2.38
3/15/2015	101.03	4400.52	0.05
10/15/2015	101.01	4400.54	0.02
10/20/2015	100.93	4400.62	0.08
3/1/2016	98.95	4402.60	1.98
3/15/2016	98.93	4402.62	0.02
10/15/2016	100.45	4401.10	-1.52
10/19/2016	100.54	4401.01	-0.09
3/8/2017	98.08	4403.47	2.46

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-032 04N6412CCC **Owner:** WATKINS TRUST
Permit #: 12912 - R - **Location #:** SB00406412CCC **USGS Site ID:** 401912104302400

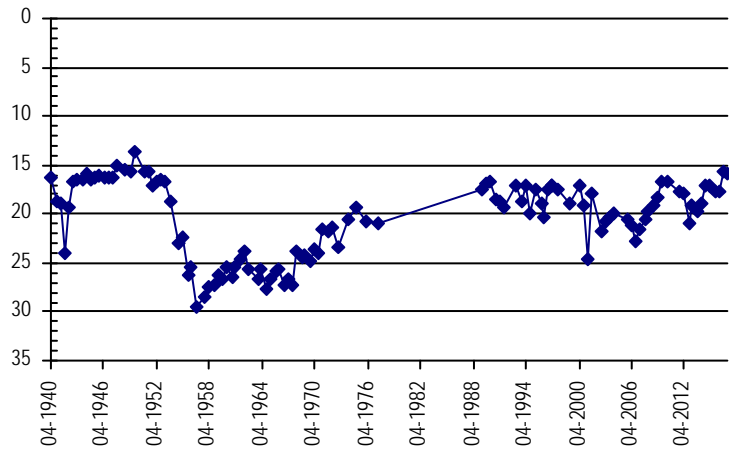
Division: 1 **Water District:** 1 **County:** WELD
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SW SW SW 12 4 N 64 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4463377.0 **Easting (UTM x):** 541876.0 *GPS*
Latitude/Longitude (decimal degrees): 40.319868 -104.507111

Surface Elevation (ft): 4637.02 **Top Perforated Interval (ft):** 31 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 70 **Bottom Perforated Interval (ft):** 81 **1 year:** 1.90
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 2.01
10 year: 5.73

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/13/2007	21.57	4615.45	1.16
10/19/2007	20.50	4616.52	1.07
3/12/2008	19.78	4617.24	0.72
10/21/2008	19.06	4617.96	0.72
5/10/2009	18.36	4618.66	0.70
10/17/2009	16.63	4620.39	1.73
4/12/2010	16.70	4620.32	-0.07
10/19/2011	17.73	4619.29	-1.03
3/26/2012	17.85	4619.17	-0.12
10/19/2012	20.90	4616.12	-3.05
3/15/2013	19.11	4617.91	1.79
10/15/2013	19.70	4617.32	-0.59
4/10/2014	18.85	4618.17	0.85
10/17/2014	17.18	4619.84	1.67
3/13/2015	17.14	4619.88	0.04
10/26/2015	17.63	4619.39	-0.49
3/22/2016	17.74	4619.28	-0.11
10/24/2016	15.77	4621.25	1.97
3/10/2017	15.84	4621.18	-0.07

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-034 CSU WP 166

Owner:

Permit #: 11103 - R -

Location #: SB00406503CCC CSU1

USGS Site ID:

Division: 1 Water District: 2 County: WELD
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW SW SW 3 4 N 65 W S From N/S line: From E/W line:
 UTM Coordinates (NAD83): Northing (UTM y): 4464929.9 Easting (UTM x): 529013.4 GPS
 Latitude/Longitude (decimal degrees): 40.334405 -104.658433

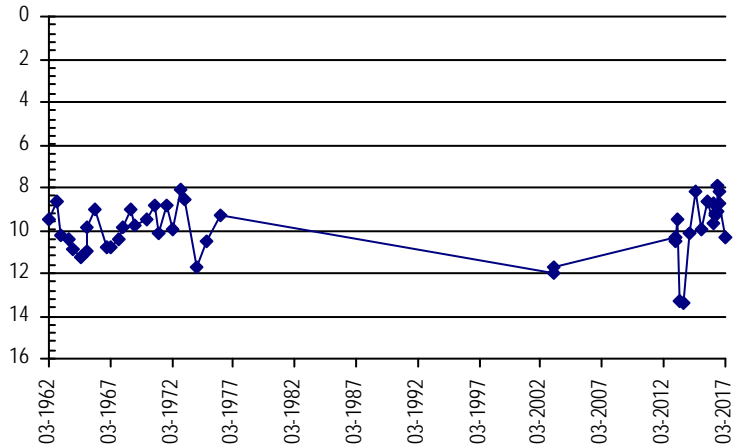
Surface Elevation (ft): 4679.82 Top Perforated Interval (ft): 0 Base of grout (ft):
 Well depth (ft): 48 Bottom Perforated Interval (ft): 48
 Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change
 1 year: -0.65
 5 year:
 10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/8/2013	10.34	4669.48	1.38
3/29/2013	10.52	4669.30	-0.18
6/3/2013	9.50	4670.32	1.02
7/18/2013	13.27	4666.55	-3.77
10/14/2013	13.40	4666.42	-0.13
4/11/2014	10.12	4669.70	3.28
10/17/2014	8.15	4671.67	1.97
3/23/2015	9.95	4669.87	-1.80
10/23/2015	8.69	4671.13	1.26
3/25/2016	9.65	4670.17	-0.96
4/22/2016	8.70	4671.12	0.95
5/20/2016	9.28	4670.54	-0.58
6/17/2016	9.25	4670.57	0.03
7/29/2016	9.08	4670.74	0.17
8/26/2016	7.94	4671.88	1.14
9/23/2016	8.15	4671.67	-0.21
10/21/2016	8.70	4671.12	-0.55
3/30/2017	10.30	4669.52	-1.60

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-039 CSU WP 157

Owner:

Permit #: 11912 - R -

Location #: SB00406602CCC CSU1

USGS Site ID:

Division: 1 Water District: 2 County: WELD
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW SW SW 2 4 N 66 W S From N/S line: From E/W line:
 UTM Coordinates (NAD83): Northing (UTM y): 4464833.5 Easting (UTM x): 520912.9 User supplied
 Latitude/Longitude (decimal degrees): 40.333780 -104.753800

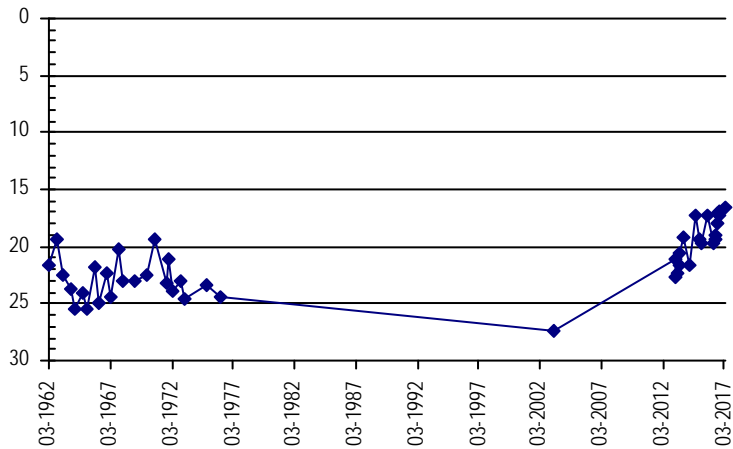
Surface Elevation (ft): 4712.23 Top Perforated Interval (ft): 51 Base of grout (ft):
 Well depth (ft): 72 Bottom Perforated Interval (ft): 72
 Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change
1 year: 3.15
5 year:
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/8/2013	21.02	4691.21	6.32
3/28/2013	22.70	4689.53	-1.68
5/2/2013	22.24	4689.99	0.46
6/3/2013	21.58	4690.65	0.66
7/18/2013	20.66	4691.57	0.92
10/14/2013	19.10	4693.13	1.56
4/11/2014	21.65	4690.58	-2.55
10/17/2014	17.25	4694.98	4.40
3/23/2015	19.40	4692.83	-2.15
4/22/2015	19.74	4692.49	-0.34
10/23/2015	17.27	4694.96	2.47
3/25/2016	19.68	4692.55	-2.41
5/20/2016	19.35	4692.88	0.33
6/17/2016	19.05	4693.18	0.30
7/29/2016	17.90	4694.33	1.15
8/26/2016	17.10	4695.13	0.80
9/23/2016	16.90	4695.33	0.20
10/21/2016	17.20	4695.03	-0.30
3/30/2017	16.53	4695.70	0.67

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-044 DSS08BLZ

Owner:

Permit #: 357 - R -

Location #: SB00505430AB

USGS Site ID:

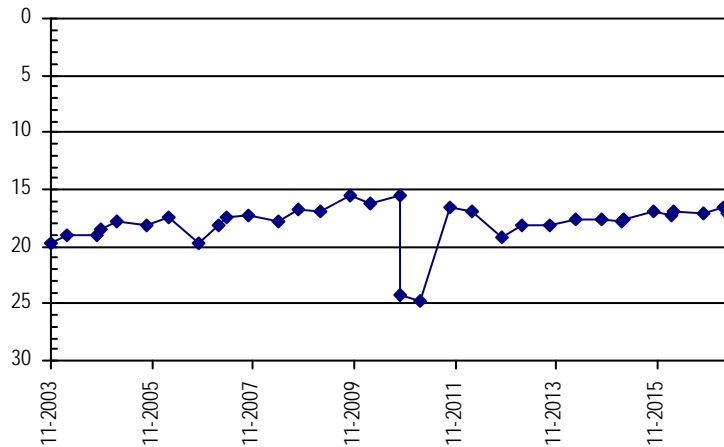
Division: 1 Water District: 64 County: WASHINGTON
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NE NW 30 5 N 54 W S From N/S line: 50 N From E/W line: 2610 E
 UTM Coordinates (NAD83): Northing (UTM y): 4470905.3 Easting (UTM x): 631134.9 Surveyed
 Latitude/Longitude (decimal degrees): 40.378423 -103.455207

Surface Elevation (ft): 4126.08 Top Perforated Interval (ft): 30 Base of grout (ft): **Water Level Change**
 Well depth (ft): 105 Bottom Perforated Interval (ft): 105 **1 year:** -0.21
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.22
10 year: 0.96

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/15/2007	18.11	4107.97	1.65
5/15/2007	17.44	4108.64	0.67
10/15/2007	17.21	4108.87	0.23
5/15/2008	17.80	4108.28	-0.59
10/15/2008	16.78	4109.30	1.02
3/15/2009	16.95	4109.13	-0.17
10/15/2009	15.52	4110.56	1.43
3/15/2010	16.25	4109.83	-0.73
10/13/2010	15.51	4110.57	0.74
10/15/2010	24.24	4101.84	-8.73
3/15/2011	24.76	4101.32	-0.52
10/15/2011	16.56	4109.52	8.20
3/15/2012	16.93	4109.15	-0.37
10/15/2012	19.26	4106.82	-2.33
3/15/2013	18.07	4108.01	1.19
10/8/2013	18.08	4108.00	-0.01
4/9/2014	17.53	4108.55	0.55
10/15/2014	17.61	4108.47	-0.08
3/6/2015	17.79	4108.29	-0.18
3/15/2015	17.70	4108.38	0.09
10/20/2015	16.94	4109.14	0.76
3/1/2016	17.22	4108.86	-0.28
3/15/2016	16.94	4109.14	0.28
10/19/2016	17.13	4108.95	-0.19
3/5/2017	16.49	4109.59	0.64
4/6/2017	17.15	4108.93	-0.66

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-046 CSU WP 33

Owner:

Permit #: 8558 - R - R Location #: SB00505535DDD CSU1 USGS Site ID:

Division: 1 Water District: 1 County: MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SE SE SE 35 5 N 55 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4467701.2 Easting (UTM x): 628366.7 Surveyed

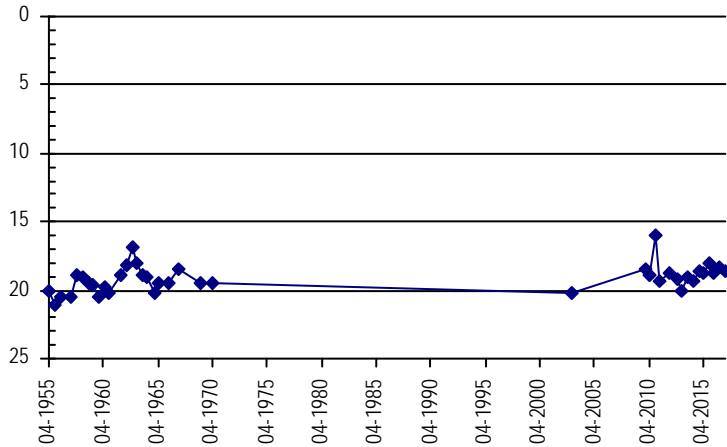
Latitude/Longitude (decimal degrees): 40.349998 -103.488450

Surface Elevation (ft): 4148.2 Top Perforated Interval (ft): 34 Base of grout (ft): **Water Level Change**
Well depth (ft): 84 Bottom Perforated Interval (ft): 84 **1 year:** 0.06
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 0.04
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
12/8/2009	18.50	4129.70	1.77
4/2/2010	18.83	4129.37	-0.33
11/22/2010	15.92	4132.28	2.91
3/18/2011	19.30	4128.90	-3.38
3/15/2012	18.70	4129.50	0.60
11/9/2012	19.15	4129.05	-0.45
3/13/2013	20.04	4128.16	-0.89
10/9/2013	19.07	4129.13	0.97
4/9/2014	19.36	4128.84	-0.29
10/15/2014	18.62	4129.58	0.74
3/6/2015	18.82	4129.38	-0.20
10/20/2015	18.09	4130.11	0.73
3/1/2016	18.72	4129.48	-0.63
10/19/2016	18.25	4129.95	0.47
3/7/2017	18.66	4129.54	-0.41

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-061 06N6517BBC **Owner:** HUNGENBERG, PAUL & MICHAEL
Permit #: 13423 - R - **Location #:** SB00606517BBC **USGS Site ID:** 402930104414301

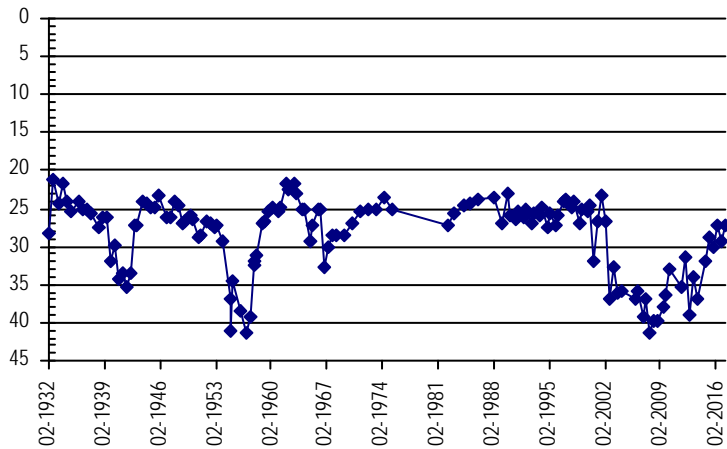
Division: 1 **Water District:** 3 **County:** WELD
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
NW NW SW 17 6 N 65 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4482374.2 **Easting (UTM x):** 525760.8 *GPS*
Latitude/Longitude (decimal degrees): 40.491668 -104.696018

Surface Elevation (ft): 4768.58 **Top Perforated Interval (ft):** 40 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 65 **Bottom Perforated Interval (ft):** 65 **1 year:** -0.06
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 3.98
10 year: 9.63

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/16/2007	36.95	4731.63	2.19
10/16/2007	41.40	4727.18	-4.45
3/13/2008	39.70	4728.88	1.70
10/20/2008	39.67	4728.91	0.03
5/7/2009	37.86	4730.72	1.81
10/20/2009	36.45	4732.13	1.41
4/8/2010	33.09	4735.49	3.36
10/18/2011	35.31	4733.27	-2.22
3/22/2012	31.30	4737.28	4.01
10/22/2012	39.06	4729.52	-7.76
3/25/2013	33.89	4734.69	5.17
10/15/2013	36.88	4731.70	-2.99
4/10/2014			
10/16/2014	31.99	4736.59	
3/13/2015	28.89	4739.69	3.10
10/27/2015	30.02	4738.56	-1.13
3/11/2016	27.26	4741.32	2.76
10/20/2016	29.36	4739.22	-2.10
3/8/2017	27.32	4741.26	2.04

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-063 DSS10STR

Owner:

Permit #: 2880 - F - Location #: SB00805325BD USGS Site ID:

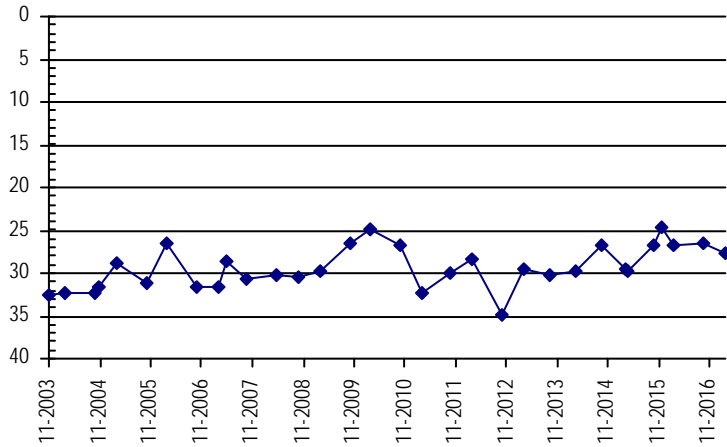
Division: 1 Water District: 64 County: LOGAN
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW SE 25 8 N 53 W S From N/S line: From E/W line:
 UTM Coordinates (NAD83): Northing (UTM y): 4499727.7 Easting (UTM x): 648051.6 Surveyed
 Latitude/Longitude (decimal degrees): 40.635131 -103.249270

Surface Elevation (ft): 4021.97 Top Perforated Interval (ft): 40 Base of grout (ft): **Water Level Change**
 Well depth (ft): 80 Bottom Perforated Interval (ft): 80 **1 year:** -0.88
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 0.73
10 year: 4.03

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/15/2007	31.62	3990.35	0.05
5/15/2007	28.67	3993.30	2.95
10/15/2007	30.73	3991.24	-2.06
5/15/2008	30.34	3991.63	0.39
10/15/2008	30.51	3991.46	-0.17
3/15/2009	29.82	3992.15	0.69
10/26/2009	26.59	3995.38	3.23
3/15/2010	24.80	3997.17	1.79
10/15/2010	26.80	3995.17	-2.01
3/15/2011	32.28	3989.69	-5.48
10/15/2011	30.05	3991.92	2.23
3/15/2012	28.32	3993.65	1.73
10/15/2012	34.81	3987.16	-6.49
3/15/2013	29.49	3992.48	5.32
9/26/2013	30.12	3991.85	-0.63
3/28/2014	29.87	3992.10	0.25
9/30/2014	26.73	3995.24	3.14
3/15/2015	29.59	3992.38	-2.86
3/31/2015	29.69	3992.28	-0.10
10/15/2015	26.71	3995.26	2.98
12/1/2015	24.62	3997.35	2.09
3/1/2016	26.71	3995.26	-2.09
10/5/2016	26.55	3995.42	0.16
3/7/2017	27.59	3994.38	-1.04

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-066 09N5110CCC **Owner:** STIEB BROS. INC.
Permit #: 5316 - F - **Location #:** SB00905110CCC **USGS Site ID:** 404545103031900

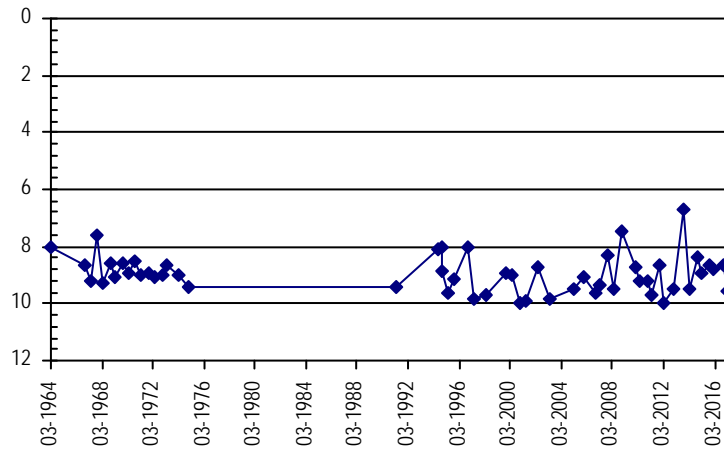
Division: 1 **Water District:** 64 **County:** LOGAN
Location: Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:
SW SW SW 10 9 N 51 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4514188.5 **Easting (UTM x):** 664092.6 *GPS*
Latitude/Longitude (decimal degrees): 40.762298 -103.055899

Surface Elevation (ft): 3831.03 **Top Perforated Interval (ft):** 28 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 55 **Bottom Perforated Interval (ft):** 55 **1 year:** -0.79
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 0.42
10 year: -0.20

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/12/2007	9.35	3821.68	0.25
10/18/2007	8.27	3822.76	1.08
3/11/2008	9.47	3821.56	-1.20
10/24/2008	7.49	3823.54	1.98
12/10/2009	8.70	3822.33	-1.21
4/13/2010	9.20	3821.83	-0.50
11/29/2010	9.20	3821.83	0.00
3/16/2011	9.70	3821.33	-0.50
10/17/2011	8.62	3822.41	1.08
3/21/2012	9.97	3821.06	-1.35
11/20/2012	9.52	3821.51	0.45
10/9/2013	6.73	3824.30	2.79
4/8/2014	9.48	3821.55	-2.75
10/14/2014	8.34	3822.69	1.14
3/5/2015	8.90	3822.13	-0.56
10/19/2015	8.67	3822.36	0.23
2/29/2016	8.76	3822.27	-0.09
10/18/2016	8.66	3822.37	0.10
3/6/2017	9.55	3821.48	-0.89

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-078 CSU WP 66

Owner: GERK

Permit #: 4242 - F - R

Location #: SB01204429BBB CSU1

USGS Site ID:

Division: 1 *Water District:* 64 *County:* SEDGWICK

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW NW NW 29 12 N 44 W S *From N/S line:* *From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y):* 4541973.7 *Easting (UTM x):* 728167.9 *User supplied*

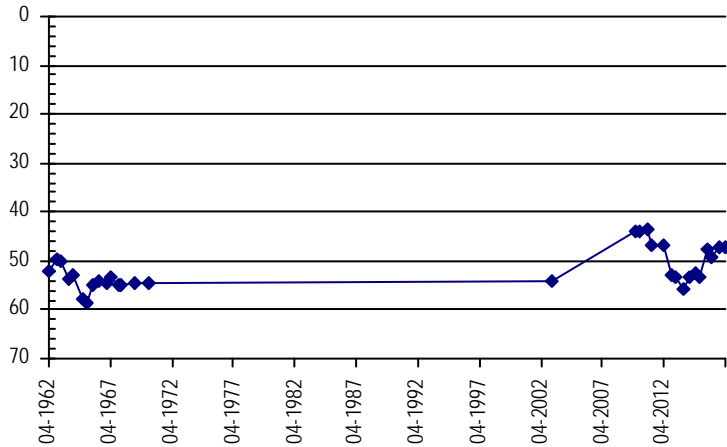
Latitude/Longitude (decimal degrees): 40.997040 -102.287260

Surface Elevation (ft): 3526.72 *Top Perforated Interval (ft):* 57 *Base of grout (ft):* **Water Level Change**
Well depth (ft): 77 *Bottom Perforated Interval (ft):* 77 **1 year:** 1.73
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.72
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
12/9/2009	43.75	3482.97	10.57
4/13/2010	44.00	3482.72	-0.25
11/29/2010	43.60	3483.12	0.40
3/16/2011	46.60	3480.12	-3.00
3/21/2012	46.60	3480.12	0.00
11/20/2012	52.95	3473.77	-6.35
3/19/2013	53.33	3473.39	-0.38
10/8/2013	55.88	3470.84	-2.55
4/8/2014	53.30	3473.42	2.58
10/14/2014	52.40	3474.32	0.90
3/5/2015	53.32	3473.40	-0.92
10/19/2015	47.80	3478.92	5.52
2/29/2016	49.05	3477.67	-1.25
10/18/2016	47.32	3479.40	1.73
3/6/2017	47.32	3479.40	0.00

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-081 01S6611DCC **Owner:** MCBRIDE
Permit #: 13203 - R - **Location #:** SC00106611DCC **USGS Site ID:** 395822104442901

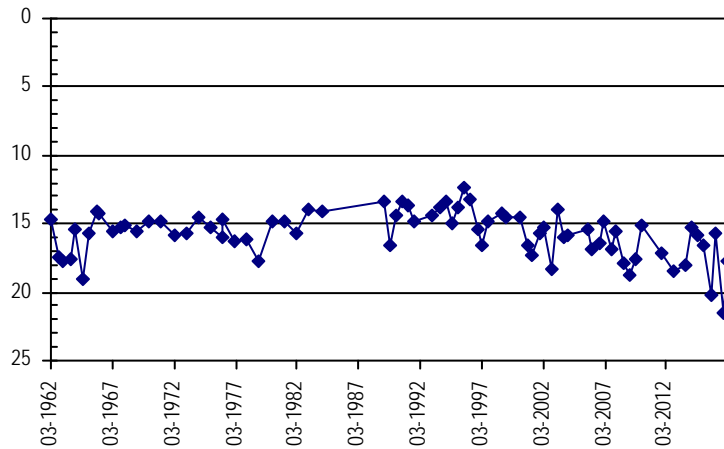
Division: 1 **Water District:** 2 **County:** ADAMS
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SE SW SW 11 1 S 66 W S From N/S line: From E/W line:
UTM Coordinates (NAD83): **Northing (UTM y):** 4424732.0 **Easting (UTM x):** 522037.0 *GPS*
Latitude/Longitude (decimal degrees): 39.972456 -104.741937

Surface Elevation (ft): 5053.35 **Top Perforated Interval (ft):** 30 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 55 **Bottom Perforated Interval (ft):** 55 **1 year:** -2.04
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year: -2.88

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/16/2007	14.82	5038.53	1.62
10/17/2007	16.83	5036.52	-2.01
3/10/2008	15.59	5037.76	1.24
10/23/2008	17.82	5035.53	-2.23
4/3/2009	18.70	5034.65	-0.88
10/17/2009	17.65	5035.70	1.05
4/9/2010	15.18	5038.17	2.47
10/19/2011	17.20	5036.15	-2.02
10/17/2012	18.41	5034.94	-1.21
10/17/2013	18.04	5035.31	0.37
4/10/2014	15.21	5038.14	2.83
10/18/2014	15.82	5037.53	-0.61
3/20/2015	16.51	5036.84	-0.69
10/27/2015	20.24	5033.11	-3.73
3/29/2016	15.66	5037.69	4.58
10/24/2016	21.48	5031.87	-5.82
3/10/2017	17.70	5035.65	3.78

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-082 01S6724CD

Owner: SCHAEFER C. R.

Permit #: 19802 - R -

Location #: SC00106724CD

USGS Site ID:

Division: 1 *Water District:* 2 *County:* ADAMS

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SW SE 24 1 S 67 W S *From N/S line:* *From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y):* 4421497.0 *Easting (UTM x):* 514200.0 *GPS*

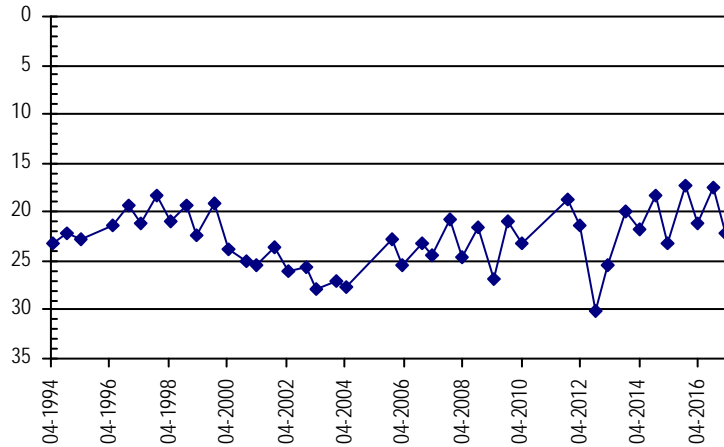
Latitude/Longitude (decimal degrees): 39.943477 -104.833782

Surface Elevation (ft): 5024.39 *Top Perforated Interval (ft):* 34 *Base of grout (ft):* **Water Level Change**
Well depth (ft): 46 *Bottom Perforated Interval (ft):* 46 **1 year:** -0.98
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.75
10 year: 2.14

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	24.34	5000.05	-1.12
10/16/2007	20.72	5003.67	3.62
3/13/2008	24.71	4999.68	-3.99
10/20/2008	21.65	5002.74	3.06
4/13/2009	26.77	4997.62	-5.12
10/23/2009	20.92	5003.47	5.85
4/5/2010	23.10	5001.29	-2.18
10/20/2011	18.70	5005.69	4.40
3/26/2012	21.45	5002.94	-2.75
10/22/2012	30.10	4994.29	-8.65
3/11/2013	25.35	4999.04	4.75
10/14/2013	20.02	5004.37	5.33
4/11/2014	21.76	5002.63	-1.74
10/18/2014	18.30	5006.09	3.46
3/20/2015	23.29	5001.10	-4.99
10/27/2015	17.37	5007.02	5.92
3/29/2016	21.22	5003.17	-3.85
10/24/2016	17.57	5006.82	3.65
3/9/2017	22.20	5002.19	-4.63

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-085 02S6523ADC **Owner:** DIA ENVIRONMENTAL PROGRAMS
Permit #: 18380 - K - **Location #:** SC00206523ADC **USGS Site ID:** 395148104373601

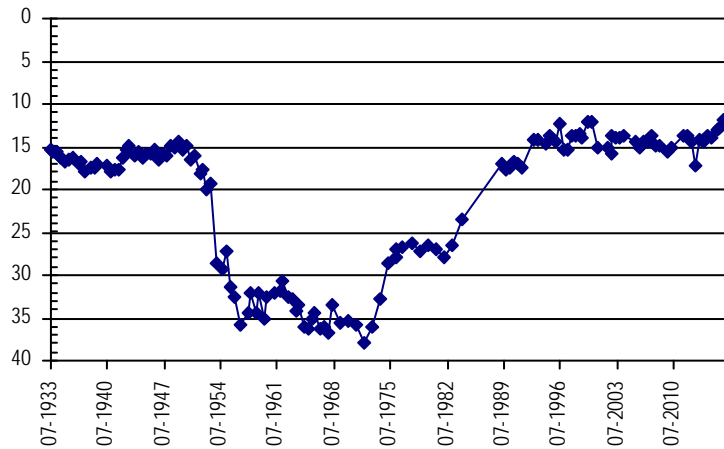
Division: 1 **Water District:** 1 **County:** DENVER
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
NE SE SW 23 2 S 65 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4412635.6 **Easting (UTM x):** 532188.2 *GPS*
Latitude/Longitude (decimal degrees): 39.863145 -104.623662

Surface Elevation (ft): 5297.33 **Top Perforated Interval (ft):** 43 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 73 **Bottom Perforated Interval (ft):** 60 **1 year:** 0.85
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 1.85
10 year: 2.57

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/14/2007	14.52	5282.81	0.01
10/17/2007	13.75	5283.58	0.77
3/10/2008	14.86	5282.47	-1.11
10/21/2008	14.91	5282.42	-0.05
10/17/2009	15.57	5281.76	-0.66
4/9/2010	15.05	5282.28	0.52
10/19/2011	13.70	5283.63	1.35
3/23/2012	13.80	5283.53	-0.10
10/22/2012	14.38	5282.95	-0.58
4/1/2013	17.27	5280.06	-2.89
10/17/2013	14.29	5283.04	2.98
4/18/2014	14.50	5282.83	-0.21
10/18/2014	13.73	5283.60	0.77
3/20/2015	13.84	5283.49	-0.11
11/3/2015	13.10	5284.23	0.74
3/16/2016	12.80	5284.53	0.30
10/24/2016	11.76	5285.57	1.04
3/10/2017	11.95	5285.38	-0.19

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-088 02S6715BA

Owner: MONSON BROS.

Permit #: 469 - R -

Location #: SC00206715BA

USGS Site ID:

Division: 1 *Water District:* 2 *County:* ADAMS

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

NW NE 15 2 S 67 W S *From N/S line:* *From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y):* 4414637.0 *Easting (UTM x):* 510698.0 *GPS*

Latitude/Longitude (decimal degrees): 39.881721 -104.874887

Surface Elevation (ft): 5090.18 *Top Perforated Interval (ft):* 26 *Base of grout (ft):* **Water Level Change**

Well depth (ft): 41 *Bottom Perforated Interval (ft):* 41 **1 year:** -1.41

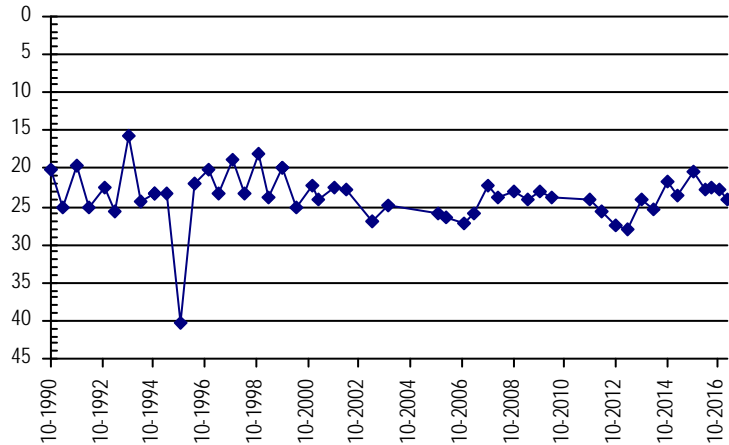
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 1.61

10 year: 1.88

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	26.03	5064.15	1.12
10/16/2007	22.26	5067.92	3.77
3/13/2008	23.77	5066.41	-1.51
10/21/2008	22.94	5067.24	0.83
5/8/2009	24.13	5066.05	-1.19
10/23/2009	22.90	5067.28	1.23
4/5/2010	23.85	5066.33	-0.95
10/20/2011	23.98	5066.20	-0.13
3/23/2012	25.76	5064.42	-1.78
10/23/2012	27.48	5062.70	-1.72
4/1/2013	27.88	5062.30	-0.40
10/15/2013	24.16	5066.02	3.72
4/11/2014	25.40	5064.78	-1.24
10/17/2014	21.75	5068.43	3.65
3/20/2015	23.65	5066.53	-1.90
10/27/2015	20.50	5069.68	3.15
3/29/2016	22.74	5067.44	-2.24
7/8/2016	22.40	5067.78	0.34
10/24/2016	22.78	5067.40	-0.38
2/16/2017	24.15	5066.03	-1.37

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-090 04S6728BDA

Owner: DENVER WATER DEPT.

Permit #: 27286 - F -

Location #: SC00406728BDA

USGS Site ID:

Division: 1 *Water District:* 8 *County:* ARAPAHOE

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW SE NE 28 4 S 67 W S *From N/S line:* *From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y):* 4392064.0 *Easting (UTM x):* 508937.0 *GPS*

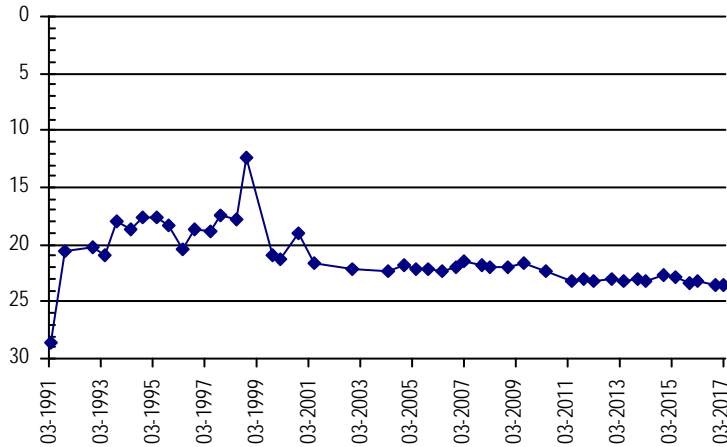
Latitude/Longitude (decimal degrees): 39.678355 -104.895789

Surface Elevation (ft): 5428.84 *Top Perforated Interval (ft):* *Base of grout (ft):* **Water Level Change**
Well depth (ft): *Bottom Perforated Interval (ft):* **1 year:** -0.42
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.36
10 year: -2.09

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/28/2007	21.48	5407.36	0.41
11/6/2007	21.86	5406.98	-0.38
3/26/2008	22.06	5406.78	-0.20
11/6/2008	21.92	5406.92	0.14
6/15/2009	21.59	5407.25	0.33
4/1/2010	22.41	5406.43	-0.82
4/21/2011	23.24	5405.60	-0.83
10/31/2011	23.04	5405.80	0.20
3/26/2012	23.21	5405.63	-0.17
11/6/2012	23.10	5405.74	0.11
4/2/2013	23.25	5405.59	-0.15
11/1/2013	22.97	5405.87	0.28
3/26/2014	23.25	5405.59	-0.28
11/7/2014	22.65	5406.19	0.60
4/1/2015	22.84	5406.00	-0.19
11/5/2015	23.31	5405.53	-0.47
3/29/2016	23.15	5405.69	0.16
11/3/2016	23.61	5405.23	-0.46
3/9/2017	23.57	5405.27	0.04

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-092 05S6817CDA

Owner: DENVER WATER DEPT.

Permit #: 11555 - R -

Location #: SC00506817CDA

USGS Site ID:

Division: 1 *Water District:* 8 *County:* ARAPAHOE

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW SE NE 17 5 S 68 W S *From N/S line:* *From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y):* 4384789.0 *Easting (UTM x):* 497774.0 *GPS*

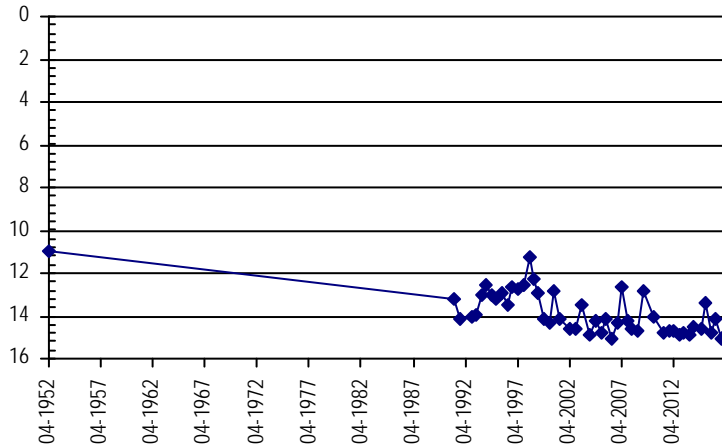
Latitude/Longitude (decimal degrees): 39.612849 -105.025932

Surface Elevation (ft): 5323.41 *Top Perforated Interval (ft):* *Base of grout (ft):* **Water Level Change**
Well depth (ft): 30 *Bottom Perforated Interval (ft):* **1 year:** -0.76
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.20
10 year: -2.24

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/28/2007	12.68	5310.73	1.64
11/6/2007	14.21	5309.20	-1.53
3/26/2008	14.62	5308.79	-0.41
11/6/2008	14.71	5308.70	-0.09
6/15/2009	12.81	5310.60	1.90
4/1/2010	14.07	5309.34	-1.26
4/21/2011	14.78	5308.63	-0.71
10/31/2011	14.69	5308.72	0.09
3/26/2012	14.72	5308.69	-0.03
11/6/2012	14.93	5308.48	-0.21
4/2/2013	14.75	5308.66	0.18
11/1/2013	14.84	5308.57	-0.09
3/26/2014	14.52	5308.89	0.32
11/7/2014	14.61	5308.80	-0.09
4/1/2015	13.40	5310.01	1.21
11/5/2015	14.78	5308.63	-1.38
3/29/2016	14.16	5309.25	0.62
11/3/2016	15.04	5308.37	-0.88
3/9/2017	14.92	5308.49	0.12

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

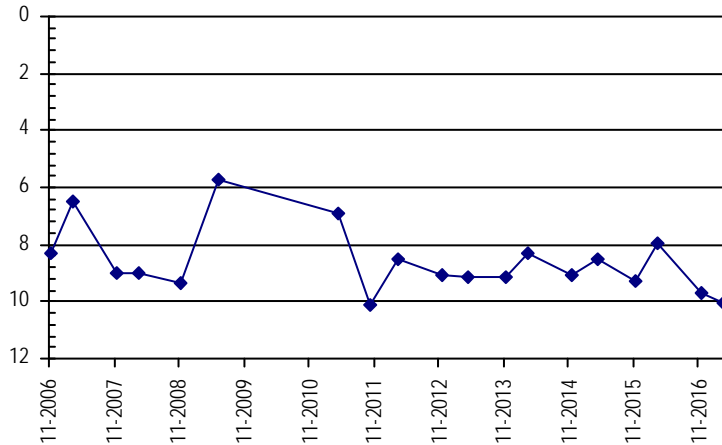
Well Name:	LSP-093 05S6831AD	<i>Owner:</i>	CENTENNIAL WATER & SANITATION DIST
<i>Permit #:</i>	213328 - -	<i>Location #:</i>	SC00506831AD
<i>USGS Site ID:</i>			
<i>Division:</i>	1	<i>Water District:</i>	8
		<i>County:</i>	ARAPAHOE
<i>Location:</i>	Q160 Q40 Q10 Section	Twtnshp	Range PM
	NE SE 31	5 S	68 W S
			Distance from section lines:
			From N/S line: 1400 N From E/W line: 200 E
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y):</i>	4380733.0	<i>Easting (UTM x):</i> 496908.0 <i>GPS</i>
<i>Latitude/Longitude (decimal degrees):</i>		39.576300	-105.036002
<i>Surface Elevation (ft):</i>	5357.98	<i>Top Perforated Interval (ft):</i>	5
		<i>Base of grout (ft):</i>	
<i>Well depth (ft):</i>	15	<i>Bottom Perforated Interval (ft):</i>	15
<i>Aquifer(s):</i>	QUATERNARY ALLUVIUM		

Water Level Change
1 year: -2.06
5 year: -1.56
10 year: -3.52

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/28/2007	6.52	5351.46	1.80
11/6/2007	8.98	5349.00	-2.46
3/26/2008	9.00	5348.98	-0.02
11/6/2008	9.38	5348.60	-0.38
6/15/2009	5.70	5352.28	3.68
4/21/2011	6.89	5351.09	-1.19
10/31/2011	10.12	5347.86	-3.23
3/26/2012	8.48	5349.50	1.64
11/6/2012	9.07	5348.91	-0.59
4/2/2013	9.15	5348.83	-0.08
11/1/2013	9.16	5348.82	-0.01
3/26/2014	8.32	5349.66	0.84
11/7/2014	9.05	5348.93	-0.73
4/1/2015	8.52	5349.46	0.53
11/5/2015	9.28	5348.70	-0.76
3/29/2016	7.98	5350.00	1.30
11/3/2016	9.67	5348.31	-1.69
3/9/2017	10.04	5347.94	-0.37

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-095 08S6603DDB

Owner: CENTENNIAL MATL'S

Permit #: 20706 - R -

Location #: SC00806603DDB

USGS Site ID:

Division: 1 *Water District:* 8 *County:* DOUGLAS

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SE SE NW 3 8 S 66 W S *From N/S line:* *From E/W line:*

UTM Coordinates (NAD83): *Northing (UTM y):* 4358865.0 *Easting (UTM x):* 520728.0 *GPS*

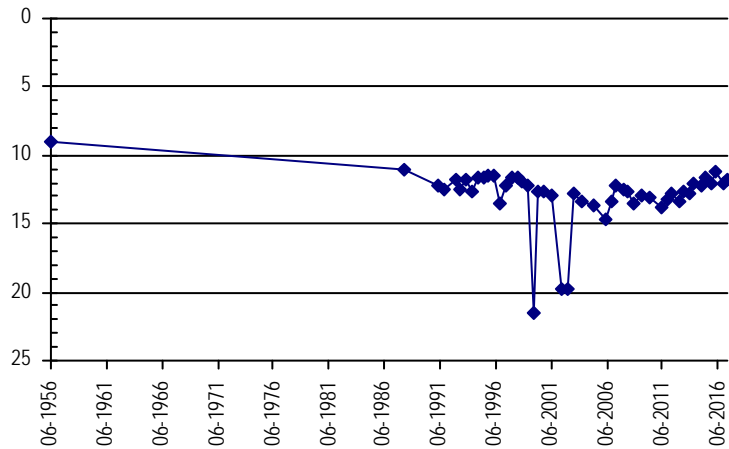
Latitude/Longitude (decimal degrees): 39.379013 -104.759335

Surface Elevation (ft): 6117.29 *Top Perforated Interval (ft):* *Base of grout (ft):* **Water Level Change**
Well depth (ft): 54 *Bottom Perforated Interval (ft):* **1 year:** -0.55
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 0.94
10 year: 0.44

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/28/2007	12.22	6105.07	1.13
11/6/2007	12.45	6104.84	-0.23
3/26/2008	12.62	6104.67	-0.17
11/6/2008	13.59	6103.70	-0.97
6/15/2009	12.87	6104.42	0.72
4/1/2010	13.03	6104.26	-0.16
4/21/2011	13.85	6103.44	-0.82
10/31/2011	13.21	6104.08	0.64
3/26/2012	12.72	6104.57	0.49
11/6/2012	13.37	6103.92	-0.65
4/2/2013	12.67	6104.62	0.70
11/1/2013	12.83	6104.46	-0.16
3/26/2014	12.04	6105.25	0.79
11/7/2014	12.20	6105.09	-0.16
4/1/2015	11.60	6105.69	0.60
11/5/2015	12.07	6105.22	-0.47
3/29/2016	11.23	6106.06	0.84
11/3/2016	12.05	6105.24	-0.82
3/9/2017	11.78	6105.51	0.27

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-099 SB00306723CCD2 **Owner:** USGS
Permit #: - - **Location #:** SB00306723CCD **USGS Site ID:** 401217104515100

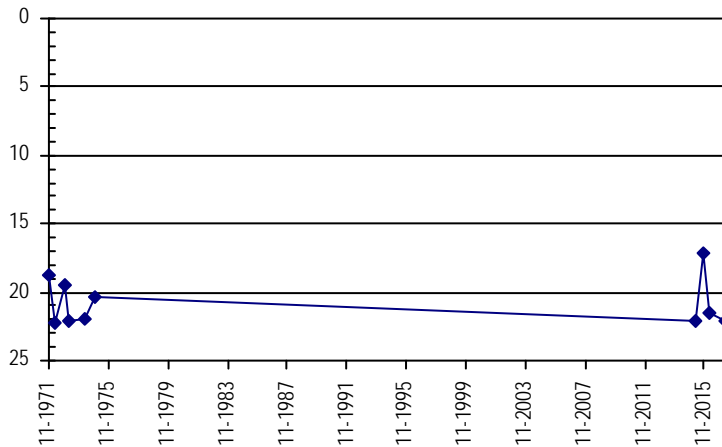
Division: 1 **Water District:** 2 **County:** WELD
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW SW SE 23 3 N 67 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4450389.0 **Easting (UTM x):** 511403.0 *GPS*
Latitude/Longitude (decimal degrees): 40.203827 -104.866013

Surface Elevation (ft): 4817.7 **Top Perforated Interval (ft):** **Base of grout (ft):** **Water Level Change**
Well depth (ft): 55 **Bottom Perforated Interval (ft):** **1 year:** -0.47
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/16/2015	22.13	4795.57	-1.75
10/27/2015	17.13	4800.57	5.00
3/22/2016	21.58	4796.12	-4.45
3/9/2017	22.05	4795.65	-0.47

All Historic Measurements



Well Name: LSP-100 03N6715AD **Owner:** RICHARDSON, C.
Permit #: 10712 - R - **Location #:** SB00306715AD **USGS Site ID:**

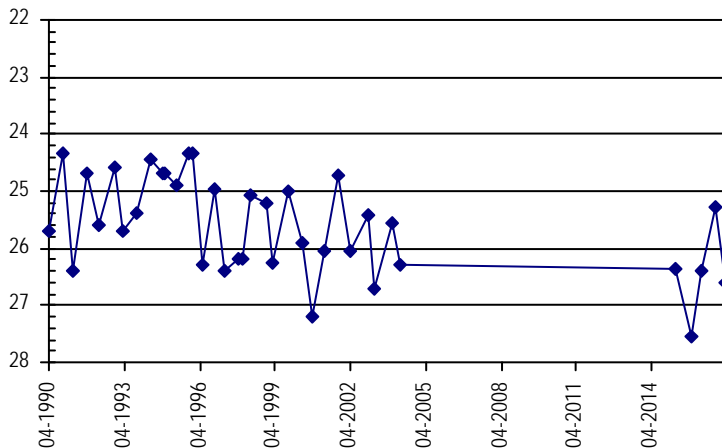
Division: 1 **Water District:** 2 **County:** WELD
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NE SE 15 3 N 67 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4453032.0 **Easting (UTM x):** 511095.6 *GPS*
Latitude/Longitude (decimal degrees): 40.227643 -104.869579

Surface Elevation (ft): 4802.13 **Top Perforated Interval (ft):** 32 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 50 **Bottom Perforated Interval (ft):** 72 **1 year:** -0.21
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/16/2015	26.37	4775.76	-0.07
10/27/2015	27.53	4774.60	-1.16
3/22/2016	26.39	4775.74	1.14
10/20/2016	25.28	4776.85	1.11
3/9/2017	26.60	4775.53	-1.32

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-103 GILCREST 144-4

Owner:

Permit #: 163722 - -

Location #: SB00506523BA

USGS Site ID:

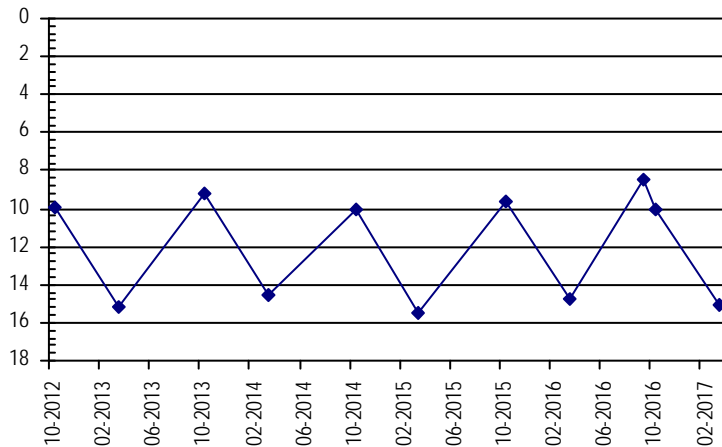
Division: 1 Water District: 2 County: WELD
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW NE 23 5 N 65 W S From N/S line: From E/W line:
 UTM Coordinates (NAD83): Northing (UTM y): 4470929.8 Easting (UTM x): 531253.0 GPS
 Latitude/Longitude (decimal degrees): 40.388377 -104.631773

Surface Elevation (ft): 4636.78 Top Perforated Interval (ft): Base of grout (ft): **Water Level Change**
 Well depth (ft): 17 Bottom Perforated Interval (ft): **1 year:** -0.26
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
10/1/2012	9.97	4626.81	
3/4/2013	15.21	4621.57	-5.24
10/10/2013	9.23	4627.55	5.98
3/21/2014	14.54	4622.24	-5.31
10/22/2014	10.08	4626.70	4.46
3/23/2015	15.46	4621.32	-5.38
10/23/2015	9.65	4627.13	5.81
3/25/2016	14.79	4621.99	-5.14
9/23/2016	8.50	4628.28	6.29
10/21/2016	10.08	4626.70	-1.58
3/9/2017	15.05	4621.73	-4.97

All Historic Measurements



Well Name: LSP-104 05N6514BD

Owner: LORENZ FARMS

Permit #: - -

Location #: SB00506514BDD

USGS Site ID: 402359104375200

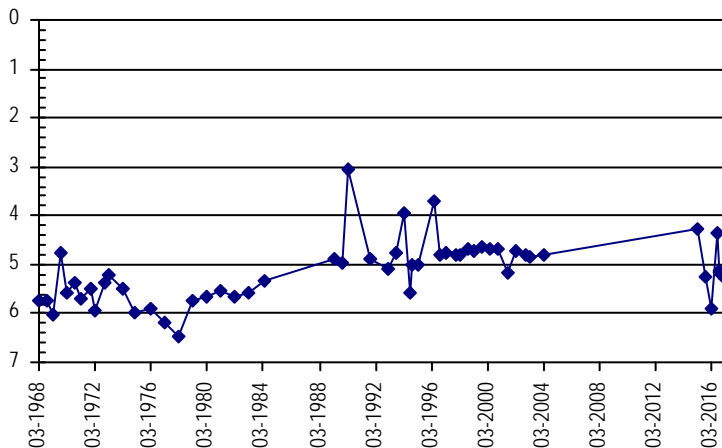
Division: 1 Water District: 2 County: WELD
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW SE SE 14 5 N 65 W S From N/S line: From E/W line:
 UTM Coordinates (NAD83): Northing (UTM y): 4472156.0 Easting (UTM x): 531289.0 GPS
 Latitude/Longitude (decimal degrees): 40.399423 -104.631288

Surface Elevation (ft): 4619.21 Top Perforated Interval (ft): Base of grout (ft): **Water Level Change**
 Well depth (ft): 20 Bottom Perforated Interval (ft): **1 year:** 0.62
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/16/2015	4.28	4614.93	0.53
10/27/2015	5.27	4613.94	-0.99
3/22/2016	5.92	4613.29	-0.65
8/25/2016	4.36	4614.85	1.56
10/15/2016	5.14	4614.07	-0.78
10/24/2016	5.17	4614.04	-0.03
3/9/2017	5.30	4613.91	-0.13

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-105 SB00506327CBC

Owner: USGS

Permit #: - -

Location #: SB00506327CBC

USGS Site ID: 402206104255100

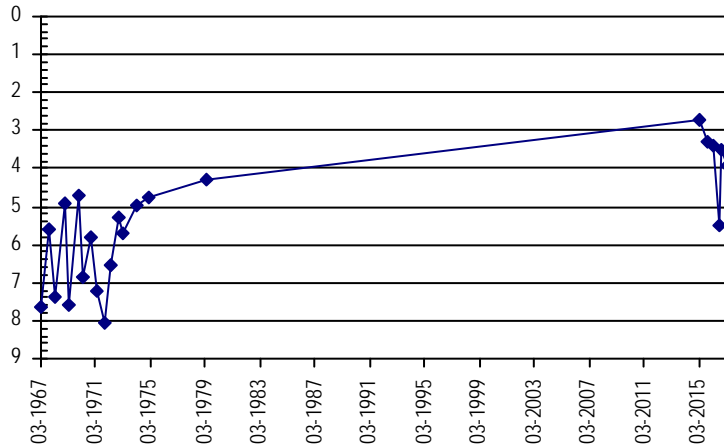
Division: 1 **Water District:** 1 **County:** WELD
Location: Q160 Q40 Q10 Section **Twnshp** **Range** **PM** **Distance from section lines:**
 SW NW SW 27 5 N 63 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4468947.0 **Easting (UTM x):** 548447.0 *GPS*
Latitude/Longitude (decimal degrees): 40.369692 -104.429349

Surface Elevation (ft): 4538.05 **Top Perforated Interval (ft):** **Base of grout (ft):** **Water Level Change**
Well depth (ft): 21 **Bottom Perforated Interval (ft):** **1 year:** -0.54
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** **10 year:**

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/12/2015	2.72	4535.33	1.56
10/26/2015	3.30	4534.75	-0.58
3/11/2016	3.41	4534.64	-0.11
8/25/2016	5.50	4532.55	-2.09
10/24/2016	3.49	4534.56	2.01
3/8/2017	3.95	4534.10	-0.46

All Historic Measurements



Well Name: LSP-106 SB00506336CBB

Owner:

Permit #: - -

Location #: SB00506336CBB

USGS Site ID: 402120104233400

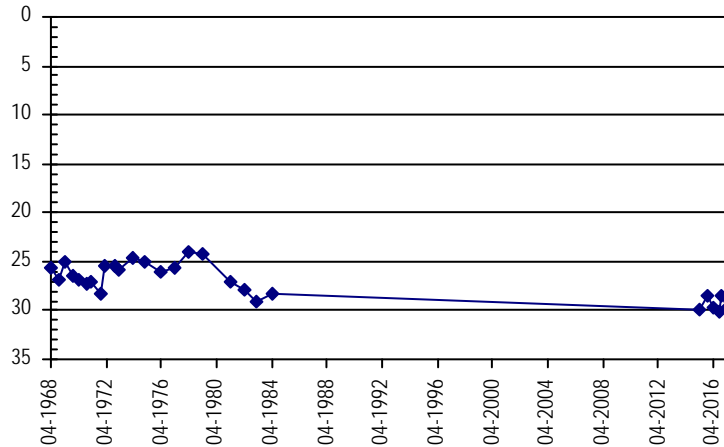
Division: 1 **Water District:** 1 **County:** WELD
Location: Q160 Q40 Q10 Section **Twnshp** **Range** **PM** **Distance from section lines:**
 SW NW NW 36 5 N 63 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4467386.0 **Easting (UTM x):** 551580.0 *GPS*
Latitude/Longitude (decimal degrees): 40.355441 -104.392574

Surface Elevation (ft): 4547.54 **Top Perforated Interval (ft):** **Base of grout (ft):** **Water Level Change**
Well depth (ft): 51 **Bottom Perforated Interval (ft):** **1 year:** 0.02
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** **10 year:**

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/12/2015	29.89	4517.65	-1.69
10/26/2015	28.52	4519.02	1.37
3/11/2016	29.75	4517.79	-1.23
8/25/2016	30.17	4517.37	-0.42
10/25/2016	28.54	4519.00	1.63
3/8/2017	29.73	4517.81	-1.19

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-109 SB00405901CAA

Owner:

Permit #:

Location #: SB00405901CAA

USGS Site ID: 402027103555300

Division: 1 Water District: 1 County: MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW NE NE 1 4 N 59 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4466162.4 Easting (UTM x): 590699.0 GPS

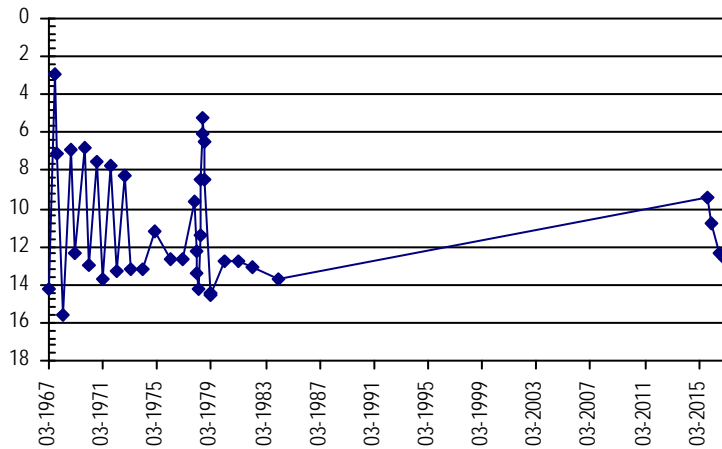
Latitude/Longitude (decimal degrees): 40.341083 -103.932127

Surface Elevation (ft): 4378.77 Top Perforated Interval (ft): Base of grout (ft): **Water Level Change**
 Well depth (ft): 26 Bottom Perforated Interval (ft): **1 year:** -1.89
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/6/2015			
10/20/2015	9.42	4369.35	
3/1/2016	10.82	4367.95	-1.40
10/19/2016	12.33	4366.44	-1.51
3/8/2017	12.71	4366.06	-0.38

All Historic Measurements



Well Name: LSP-110 SB00605330AAA

Owner:

Permit #:

Location #: SB00605330AAA

USGS Site ID: 402753103195300

Division: 1 Water District: 64 County: LOGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NE NE NE 30 6 N 53 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4480683.0 Easting (UTM x): 641417.0 GPS

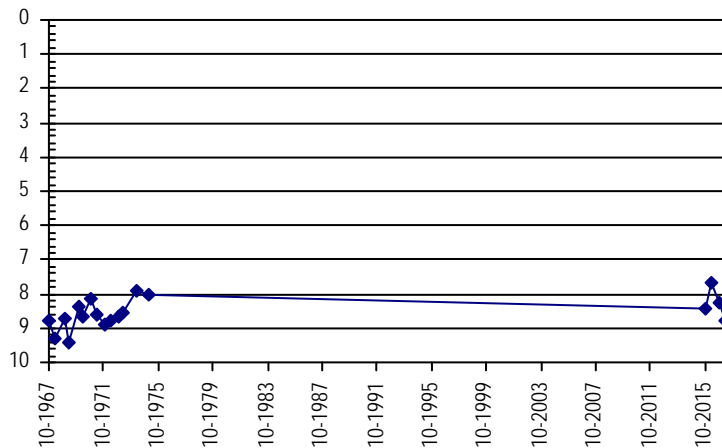
Latitude/Longitude (decimal degrees): 40.464794 -103.331954

Surface Elevation (ft): 4042.61 Top Perforated Interval (ft): Base of grout (ft): **Water Level Change**
 Well depth (ft): 28 Bottom Perforated Interval (ft): **1 year:** -1.06
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/6/2015			
10/20/2015	8.41	4034.20	
3/1/2016	7.69	4034.92	0.72
10/19/2016	8.26	4034.35	-0.57
3/7/2017	8.75	4033.86	-0.49

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-111 SB00705207CCD

Owner:

Permit #: 18050 - R - Location #: SB00705207CCD USGS Site ID: 403453103140700

Division: 1 Water District: 64 County: LOGAN
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW SW SE 7 7 N 52 W S From N/S line: From E/W line:
 UTM Coordinates (NAD83): Northing (UTM y): 4493767.1 Easting (UTM x): 649331.8 GPS
 Latitude/Longitude (decimal degrees): 40.581228 -103.235551

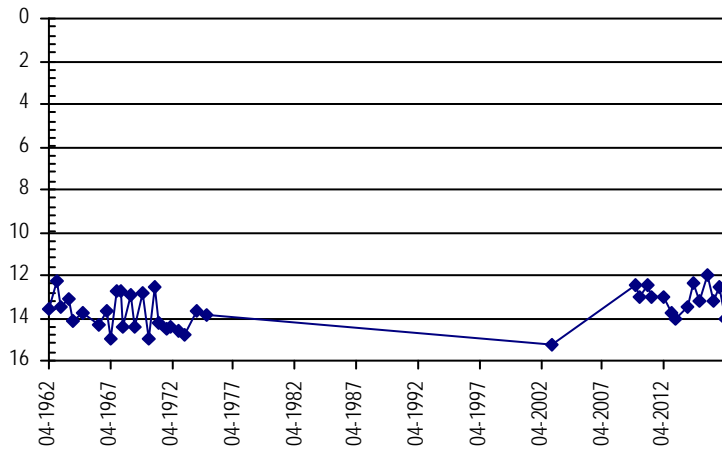
Surface Elevation (ft): 3969.38 Top Perforated Interval (ft): 60 Base of grout (ft):
 Well depth (ft): 80 Bottom Perforated Interval (ft): 80
 Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change
 1 year: -0.80
 5 year: -1.00
 10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
12/11/2009	12.50	3956.88	2.71
4/13/2010	13.00	3956.38	-0.50
11/29/2010	12.50	3956.88	0.50
3/16/2011	13.00	3956.38	-0.50
3/21/2012	13.00	3956.38	0.00
11/20/2012	13.75	3955.63	-0.75
3/25/2013	14.00	3955.38	-0.25
3/28/2014	13.50	3955.88	0.50
9/30/2014	12.37	3957.01	1.13
2/24/2015	13.20	3956.18	-0.83
10/27/2015	12.04	3957.34	1.16
3/1/2016	13.20	3956.18	-1.16
10/5/2016	12.53	3956.85	0.67
3/7/2017	14.00	3955.38	-1.47

All Historic Measurements



Well Name: LSP-112 SB00705217CDA

Owner:

Permit #: - - Location #: SB00705217CDA USGS Site ID: 403409103123400

Division: 1 Water District: 64 County: LOGAN
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW SE NE 17 7 N 52 W S From N/S line: From E/W line:
 UTM Coordinates (NAD83): Northing (UTM y): 4492501.0 Easting (UTM x): 651527.0 GPS
 Latitude/Longitude (decimal degrees): 40.569428 -103.209929

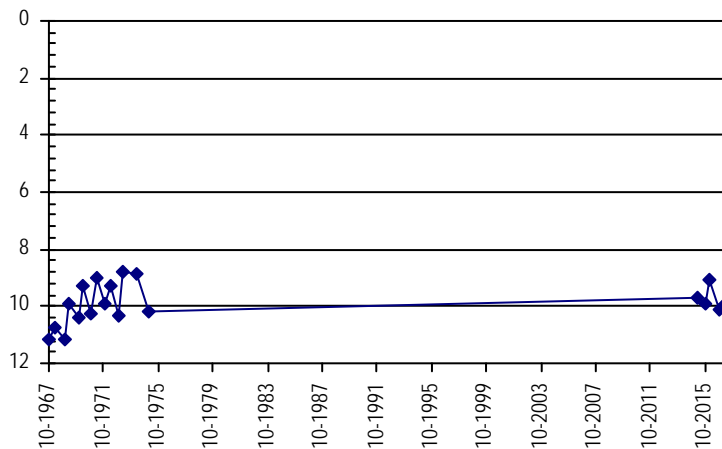
Surface Elevation (ft): 3963.51 Top Perforated Interval (ft): Base of grout (ft):
 Well depth (ft): 48 Bottom Perforated Interval (ft):
 Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change
 1 year: -0.84
 5 year:
 10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/6/2015	9.68	3953.83	0.50
10/19/2015	9.92	3953.59	-0.24
2/29/2016	9.06	3954.45	0.86
10/19/2016	10.09	3953.42	-1.03
3/7/2017	9.90	3953.61	0.19

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-113 SB00805227AAA

Owner:

Permit #:

Location #: SB00805227AAA

USGS Site ID: 403826103095200

Division: 1 Water District: 64 County: LOGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NE NE NE 27 8 N 52 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4500583.0 Easting (UTM x): 655210.0 GPS

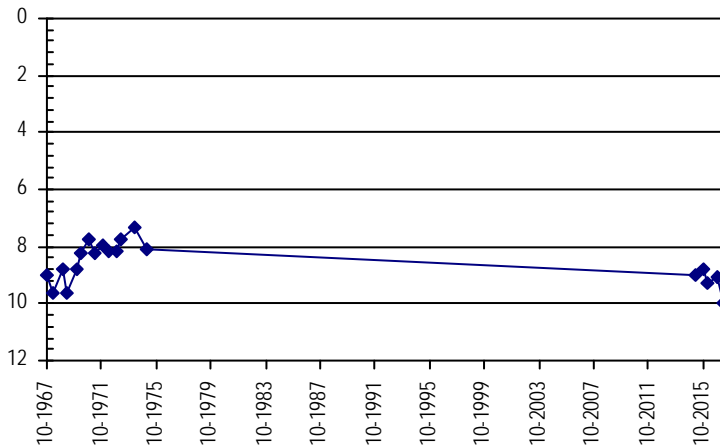
Latitude/Longitude (decimal degrees): 40.641518 -103.164450

Surface Elevation (ft): 3917.7 Top Perforated Interval (ft): Base of grout (ft): **Water Level Change**
 Well depth (ft): 22 Bottom Perforated Interval (ft): **1 year:** -0.70
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/6/2015	8.99	3908.71	-0.93
10/19/2015	8.77	3908.93	0.22
2/29/2016	9.29	3908.41	-0.52
10/19/2016	9.09	3908.61	0.20
3/7/2017	9.99	3907.71	-0.90

All Historic Measurements



Well Name: LSP-114 CSU WP 75

Owner: PETERSON

Permit #:

4557 - R - R

Location #: SB01104731CBB CSU1

USGS Site ID:

Division: 1 Water District: 64 County: LOGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW NW NW 31 11 N 47 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4528659.1 Easting (UTM x): 697827.0 GPS

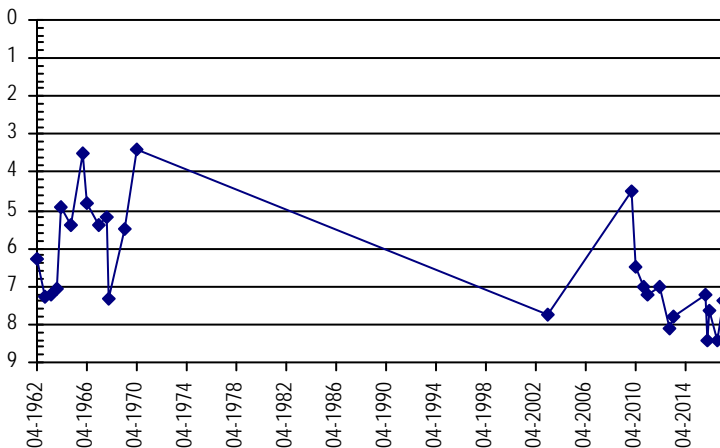
Latitude/Longitude (decimal degrees): 40.885125 -102.651927

Surface Elevation (ft): 3645.91 Top Perforated Interval (ft): 37 Base of grout (ft): **Water Level Change**
 Well depth (ft): 87 Bottom Perforated Interval (ft): 87 **1 year:** 0.23
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.40
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
12/9/2009	4.50	3641.41	3.27
4/13/2010	6.50	3639.41	-2.00
11/29/2010	7.00	3638.91	-0.50
3/16/2011	7.20	3638.71	-0.20
3/21/2012	7.00	3638.91	0.20
11/20/2012	8.10	3637.81	-1.10
3/25/2013	7.80	3638.11	0.30
10/19/2015	7.22	3638.69	0.58
1/18/2016	8.40	3637.51	-1.18
2/29/2016	7.63	3638.28	0.77
10/18/2016	8.40	3637.51	-0.77
3/6/2017	7.40	3638.51	1.00

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-115 SB01004919BAD

Owner:

Permit #: 24611 - -

Location #: SB01004919BAD

USGS Site ID: 404956102523200

Division: 1 Water District: 64 County: LOGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW NE SE 19 10 N 49 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4522346.4 Easting (UTM x): 679097.3 GPS

Latitude/Longitude (decimal degrees): 40.832608 -102.875900

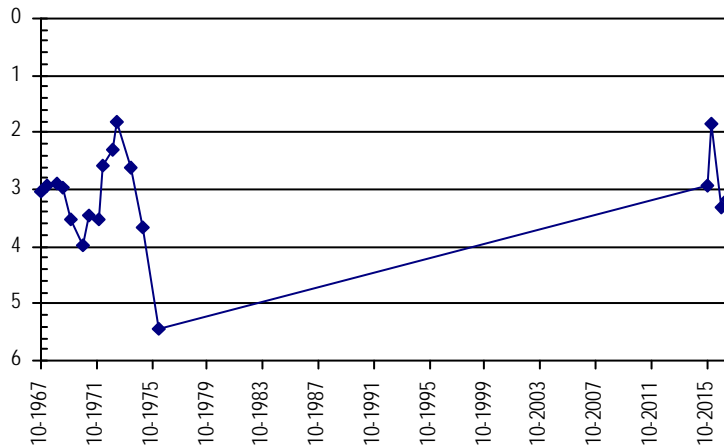
Surface Elevation (ft): 3743.34 Top Perforated Interval (ft): 35 Base of grout (ft):
 Well depth (ft): 40 Bottom Perforated Interval (ft): 40
 Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change
1 year: -1.33
5 year:
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
10/19/2015	2.93	3740.41	2.50
2/29/2016	1.85	3741.49	1.08
10/18/2016	3.32	3740.02	-1.47
3/6/2017	3.18	3740.16	0.14

All Historic Measurements



Well Name: LSP-116 CSU WP 25

Owner: WILSON

Permit #: 14114 - R - R

Location #: SB00405613ACC CSU1

USGS Site ID:

Division: 1 Water District: 1 County: MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NE SW SW 13 4 N 56 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4463437.3 Easting (UTM x): 619588.0 GPS

Latitude/Longitude (decimal degrees): 40.312900 -103.592589

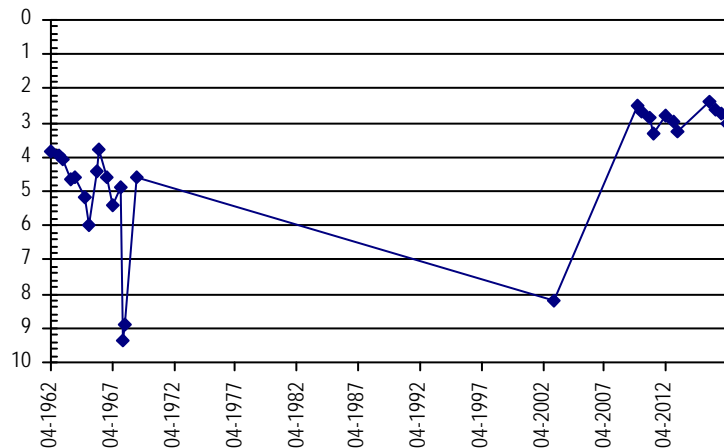
Surface Elevation (ft): 4179.74 Top Perforated Interval (ft): 21 Base of grout (ft):
 Well depth (ft): 80 Bottom Perforated Interval (ft): 81
 Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change
1 year: -0.39
5 year: -0.21
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
12/8/2009	2.50	4177.24	5.67
4/2/2010	2.67	4177.07	-0.17
11/22/2010	2.83	4176.91	-0.16
3/18/2011	3.30	4176.44	-0.47
3/15/2012	2.80	4176.94	0.50
11/9/2012	2.96	4176.78	-0.16
3/26/2013	3.25	4176.49	-0.29
10/20/2015	2.39	4177.35	0.86
3/1/2016	2.62	4177.12	-0.23
10/19/2016	2.75	4176.99	-0.13
3/7/2017	3.01	4176.73	-0.26

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-117 SLB 269405

Owner:

Permit #: 269405 - -

Location #: SB00406016CD

USGS Site ID:

Division: 1 Water District: 1 County: MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW SE 16 4 N 60 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4462059.0 Easting (UTM x): 575938.0 *GPS*

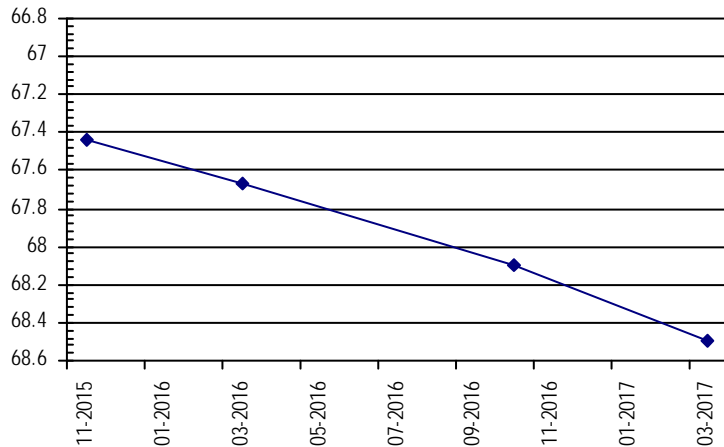
Latitude/Longitude (decimal degrees): 40.305593 -104.106386

Surface Elevation (ft): 4482.39 Top Perforated Interval (ft): 140 Base of grout (ft): **Water Level Change**
 Well depth (ft): 160 Bottom Perforated Interval (ft): 160 **1 year:** -0.83
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
11/4/2015	67.44	4414.95	
3/11/2016	67.67	4414.72	-0.23
10/20/2016	68.10	4414.29	-0.43
3/8/2017	68.50	4413.89	-0.40

All Historic Measurements



Well Name: LSP-118 SB00406003AAC

Owner:

Permit #: - -

Location #: SB00406003AAC

USGS Site ID: 402050104044200

Division: 1 Water District: 1 County: MORGAN

Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NE NE SW 3 4 N 60 W S From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4466701.9 Easting (UTM x): 578230.9 *User supplied*

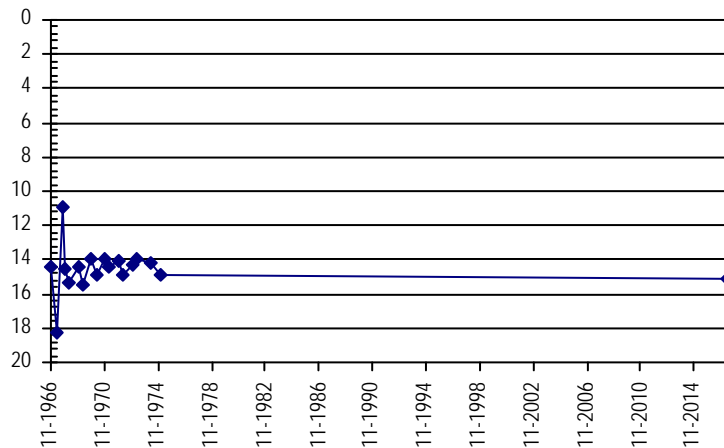
Latitude/Longitude (decimal degrees): 40.347205 -104.078839

Surface Elevation (ft): 4394.52 Top Perforated Interval (ft): 20 Base of grout (ft): **Water Level Change**
 Well depth (ft): 40 Bottom Perforated Interval (ft): 40 **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)
4/6/2017	15.10	4379.42	-0.27

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: LSP-119 GROVES NO 3

Owner:

Permit #: 55602 - F - Location #: SB00406006BC USGS Site ID:

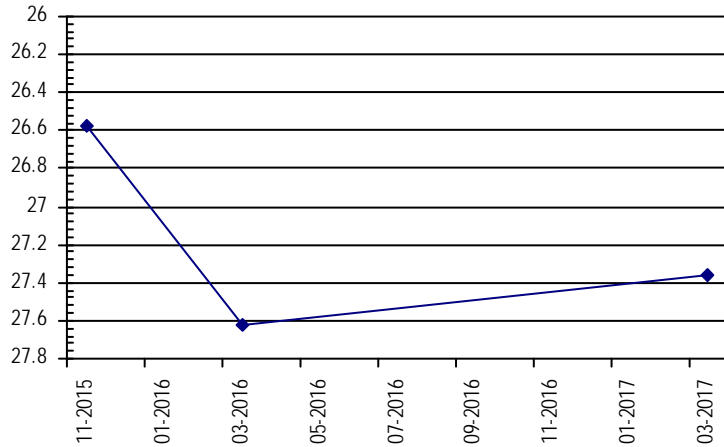
Division: 1 Water District: 1 County: MORGAN
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW SW 6 4 N 60 W S From N/S line: From E/W line:
 UTM Coordinates (NAD83): Northing (UTM y): 4466409.8 Easting (UTM x): 572539.5 GPS
 Latitude/Longitude (decimal degrees): 40.345088 -104.145880

Surface Elevation (ft): 4451.25 Top Perforated Interval (ft): Base of grout (ft): **Water Level Change**
 Well depth (ft): Bottom Perforated Interval (ft): **1 year:** 0.26
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
11/4/2015	26.58	4424.67	
3/11/2016	27.62	4423.63	-1.04
10/20/2016			
3/8/2017	27.36	4423.89	

All Historic Measurements



Well Name: LSP-120 CSU WP 73

Owner: PRICE

Permit #: 12249 - R - Location #: SB01104618DBB CSU1 USGS Site ID:

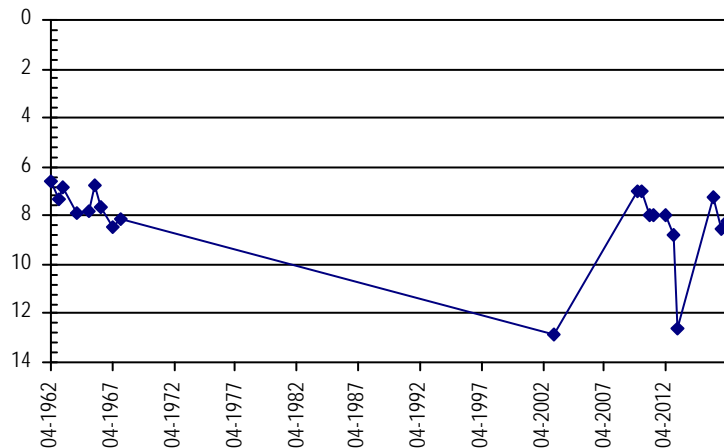
Division: 1 Water District: 64 County: SEDGWICK
 Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SE NW NW 18 11 N 46 W S From N/S line: From E/W line:
 UTM Coordinates (NAD83): Northing (UTM y): 4533964.5 Easting (UTM x): 708200.1 User supplied
 Latitude/Longitude (decimal degrees): 40.930300 -102.527130

Surface Elevation (ft): 3585 Top Perforated Interval (ft): Base of grout (ft): **Water Level Change**
 Well depth (ft): 45 Bottom Perforated Interval (ft): **1 year:** -1.04
 Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.25
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
12/9/2009	7.00	3578.00	5.90
4/13/2010	7.00	3578.00	0.00
11/29/2010	8.00	3577.00	-1.00
3/16/2011	8.00	3577.00	0.00
3/21/2012	8.00	3577.00	0.00
11/20/2012	8.80	3576.20	-0.80
3/25/2013	12.65	3572.35	-3.85
2/29/2016	7.21	3577.79	5.44
10/18/2016	8.51	3576.49	-1.30
3/7/2017	8.25	3576.75	0.26

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: SB00106619BAB **Owner:** USGS NAWQA #01
Permit #: 176982 - - **Location #:** SB00106619BAB **USGS Site ID:** 400237104500301

Division: 1 **Water District:** 2 **County:** WELD
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
From N/S line: From E/W line:

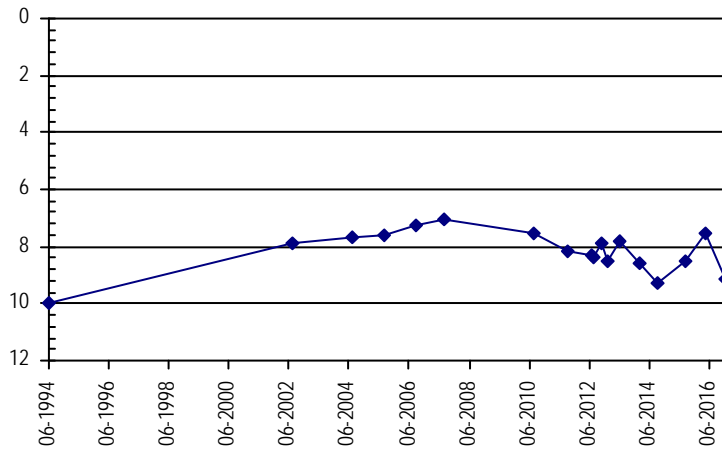
UTM Coordinates (NAD83): **Northing (UTM y):** 4432612.0 **Easting (UTM x):** 515050.0 *GPS*
Latitude/Longitude (decimal degrees): 40.043606 -104.823575

Surface Elevation (ft): 4921.62 **Top Perforated Interval (ft):** 8 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 12 **Bottom Perforated Interval (ft):** 2 **1 year:** -0.68
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.97
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/14/2007	7.05	4914.57	0.22
8/2/2010	7.52	4914.10	-0.47
9/9/2011	8.19	4913.43	-0.67
7/17/2012	8.29	4913.33	-0.10
8/2/2012	8.34	4913.28	-0.05
10/25/2012	7.87	4913.75	0.47
1/10/2013	8.48	4913.14	-0.61
6/24/2013	7.83	4913.79	0.65
2/21/2014	8.59	4913.03	-0.76
9/16/2014	9.25	4912.37	-0.66
8/28/2015	8.48	4913.14	0.77
4/15/2016	7.51	4914.11	0.97
12/20/2016	9.16	4912.46	-1.65

All Historic Measurements



Well Name: SB00206620CCA **Owner:** USGS NAWQA #02
Permit #: 175995 - - **Location #:** SB00206620CCA **USGS Site ID:** 400711104481801

Division: 1 **Water District:** 2 **County:** WELD
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
From N/S line: From E/W line:

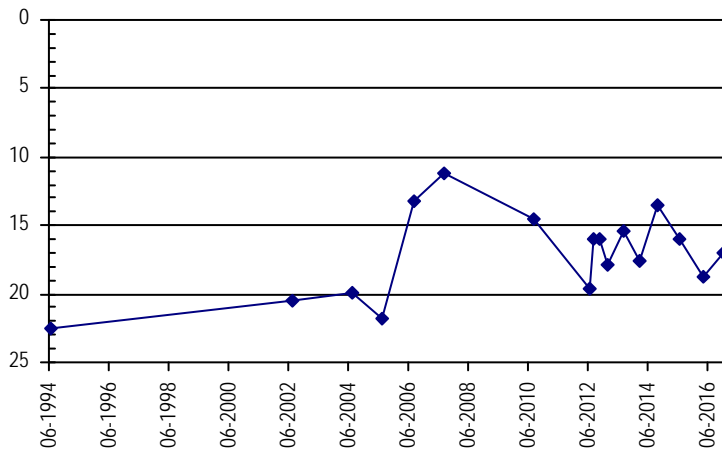
UTM Coordinates (NAD83): **Northing (UTM y):** 4441089.8 **Easting (UTM x):** 516651.0 *GPS*
Latitude/Longitude (decimal degrees): 40.119958 -104.804589

Surface Elevation (ft): 4878.76 **Top Perforated Interval (ft):** 21 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 31 **Bottom Perforated Interval (ft):** 31 **1 year:** 1.76
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year: -3.78

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/14/2007	11.14	4867.62	2.08
8/2/2010	14.60	4864.16	-3.46
6/19/2012	19.66	4859.10	-5.06
8/2/2012	15.92	4862.84	3.74
10/25/2012	15.95	4862.81	-0.03
1/10/2013	17.91	4860.85	-1.96
8/26/2013	15.34	4863.42	2.57
2/21/2014	17.55	4861.21	-2.21
9/16/2014	13.51	4865.25	4.04
6/18/2015	15.92	4862.84	-2.41
4/15/2016	18.76	4860.00	-2.84
12/20/2016	17.00	4861.76	1.76

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: SB00305610ACD **Owner:** USGS NAWQA #03
Permit #: 209113 - - **Location #:** SB00305610ACD **USGS Site ID:** 401440103373201

Division: 1 **Water District:** 1 **County:** MORGAN
Location: Q160 Q40 Q10 Section **Twnshp** Range PM **Distance from section lines:**
From N/S line: **From E/W line:**

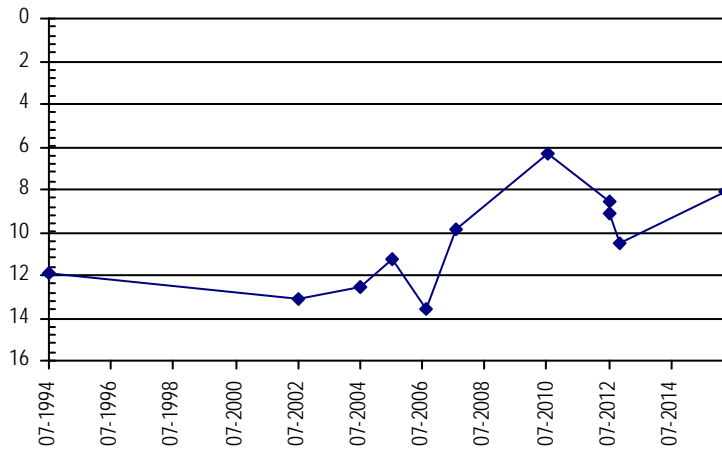
UTM Coordinates (NAD83): **Northing (UTM y):** 4455792.0 **Easting (UTM x):** 616887.6 *GPS*
Latitude/Longitude (decimal degrees): 40.244422 -103.625756

Surface Elevation (ft): 4263 **Top Perforated Interval (ft):** 13 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 23 **Bottom Perforated Interval (ft):** 23 **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)
8/8/2007	9.82	4253.18	3.79
8/3/2010	6.29	4256.71	3.53
9/13/2011			
7/17/2012	8.60	4254.40	
8/3/2012	9.12	4253.88	-0.52
11/30/2012	10.53	4252.47	-1.41
4/15/2016	8.05	4254.95	2.48

All Historic Measurements



Well Name: SB00305703BBA **Owner:** USGS NAWQA #05
Permit #: 209114 - - **Location #:** SB00305703BBA **USGS Site ID:** 401544103443101

Division: 1 **Water District:** 1 **County:** MORGAN
Location: Q160 Q40 Q10 Section **Twnshp** Range PM **Distance from section lines:**
From N/S line: **From E/W line:**

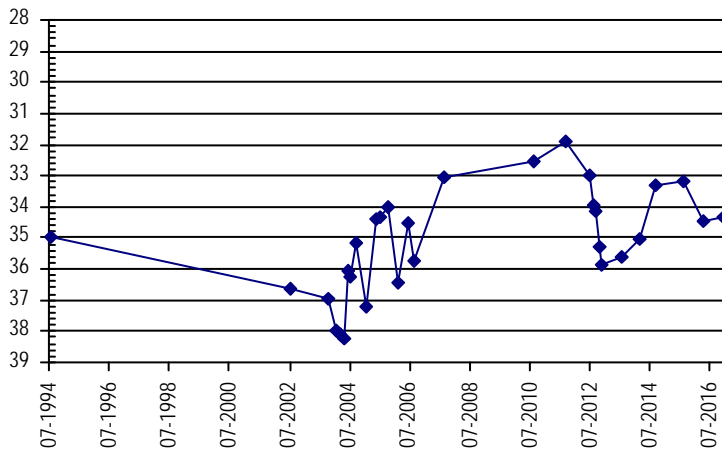
UTM Coordinates (NAD83): **Northing (UTM y):** 4457613.6 **Easting (UTM x):** 606954.2 *GPS*
Latitude/Longitude (decimal degrees): 40.262158 -103.742211

Surface Elevation (ft): 4279.76 **Top Perforated Interval (ft):** 37 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 47 **Bottom Perforated Interval (ft):** 47 **1 year:** -1.15
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -2.39
10 year: 1.41

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/8/2007	33.07	4246.69	2.64
8/3/2010	32.56	4247.20	0.51
9/13/2011	31.91	4247.85	0.65
6/19/2012	32.98	4246.78	-1.07
8/3/2012	33.96	4245.80	-0.98
9/4/2012	34.17	4245.59	-0.21
10/26/2012	35.32	4244.44	-1.15
11/30/2012	35.86	4243.90	-0.54
7/30/2013	35.60	4244.16	0.26
2/28/2014	35.01	4244.75	0.59
9/15/2014	33.29	4246.47	1.72
8/14/2015	33.15	4246.61	0.14
4/15/2016	34.45	4245.31	-1.30
12/9/2016	34.30	4245.46	0.15

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: SB00306009BBB **Owner:** USGS NAWQA #04
Permit #: 22496 - MH - **Location #:** SB00306009BBB **USGS Site ID:** 401449104064801

Division: 1 **Water District:** 1 **County:** MORGAN
Location: Q160 Q40 Q10 Section **Twnshp** Range PM **Distance from section lines:**
From N/S line: **From E/W line:**

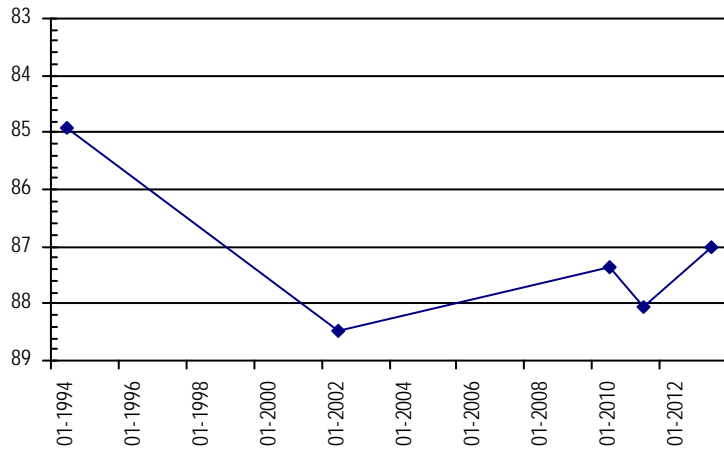
UTM Coordinates (NAD83): **Northing (UTM y):** 4455525.0 **Easting (UTM x):** 575460.0 *GPS*
Latitude/Longitude (decimal degrees): 40.246775 -104.112783

Surface Elevation (ft): 4530.89 **Top Perforated Interval (ft):** 83 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 93 **Bottom Perforated Interval (ft):** 93 **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)
8/2/2010	87.37	4443.52	1.12
9/9/2011	88.05	4442.84	-0.68
8/1/2013	87.01	4443.88	1.04

All Historic Measurements



Well Name: SB00405825ADD **Owner:** USGS NAWQA #06
Permit #: 209115 - - **Location #:** SB00405825ADD **USGS Site ID:** 401702103483901

Division: 1 **Water District:** 1 **County:** MORGAN
Location: Q160 Q40 Q10 Section **Twnshp** Range PM **Distance from section lines:**
From N/S line: **From E/W line:**

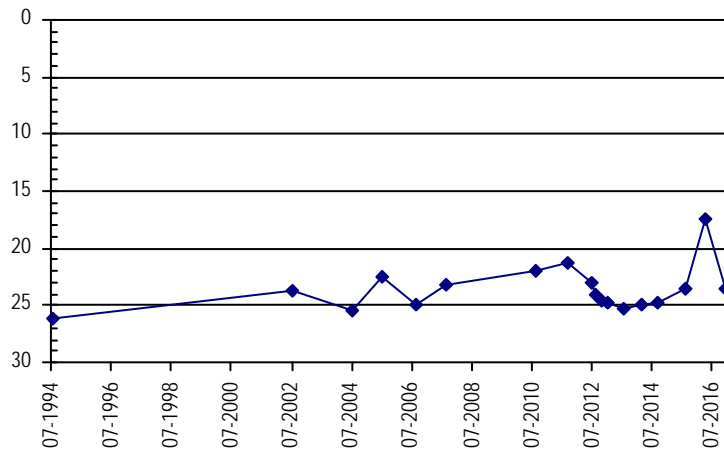
UTM Coordinates (NAD83): **Northing (UTM y):** 4459918.2 **Easting (UTM x):** 601099.1 *GPS*
Latitude/Longitude (decimal degrees): 40.283644 -103.810689

Surface Elevation (ft): 4324.86 **Top Perforated Interval (ft):** 21 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 31 **Bottom Perforated Interval (ft):** 31 **1 year:**
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -2.37
10 year: 1.32

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/8/2007	23.17	4301.69	1.72
8/3/2010	22.00	4302.86	1.17
9/13/2011	21.20	4303.66	0.80
6/19/2012	23.05	4301.81	-1.85
8/3/2012	24.07	4300.79	-1.02
10/25/2012	24.62	4300.24	-0.55
1/10/2013	24.73	4300.13	-0.11
7/30/2013	25.36	4299.50	-0.63
2/21/2014	24.95	4299.91	0.41
9/15/2014	24.76	4300.10	0.19
8/14/2015	23.55	4301.31	1.21
4/15/2016	17.50	4307.36	6.05
12/12/2016	23.57	4301.29	-6.07

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: SB00405902CBC **Owner:** USGS NAWQA #09
Permit #: 22494 - MH - **Location #:** SB00405902CBC **USGS Site ID:** 402018103571801

Division: 1 **Water District:** 1 **County:** MORGAN
Location: Q160 Q40 Q10 Section **Twnshp** Range PM **Distance from section lines:**
From N/S line: **From E/W line:**

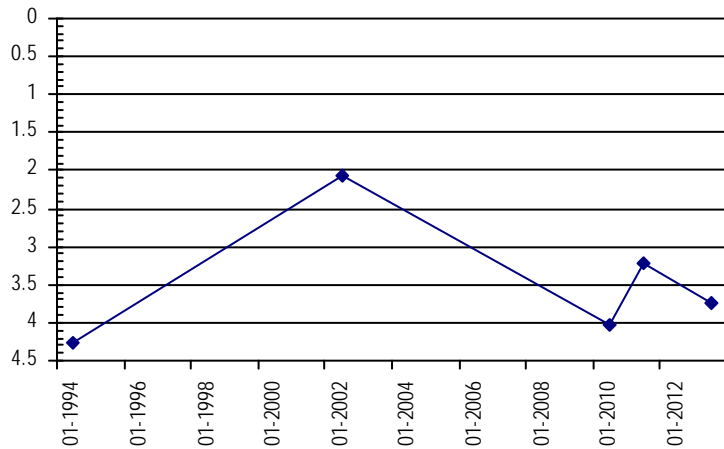
UTM Coordinates (NAD83): **Northing (UTM y):** 4465868.0 **Easting (UTM x):** 588739.0 *User supplied*
Latitude/Longitude (decimal degrees): 40.338639 -103.955239

Surface Elevation (ft): 4336.68 **Top Perforated Interval (ft):** 7 **Base of grout (ft):** _____ **Water Level Change**
Well depth (ft): 13 **Bottom Perforated Interval (ft):** 12 **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)
8/4/2010	4.04	4332.64	-1.98
9/9/2011	3.21	4333.47	0.83
7/31/2013	3.73	4332.95	-0.52

All Historic Measurements



Well Name: SB00505404ADD **Owner:** USGS NAWQA #14
Permit #: 209110 - - **Location #:** SB00505404ADD **USGS Site ID:** 402538103242001

Division: 1 **Water District:** 64 **County:** WASHINGTON
Location: Q160 Q40 Q10 Section **Twnshp** Range PM **Distance from section lines:**
From N/S line: **From E/W line:**

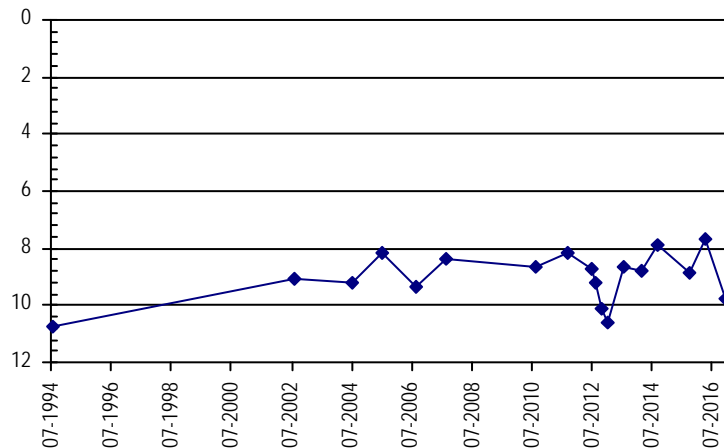
UTM Coordinates (NAD83): **Northing (UTM y):** 4476590.6 **Easting (UTM x):** 635089.7 *GPS*
Latitude/Longitude (decimal degrees): 40.428992 -103.407428

Surface Elevation (ft): 4077.7 **Top Perforated Interval (ft):** 10 **Base of grout (ft):** _____ **Water Level Change**
Well depth (ft): 20 **Bottom Perforated Interval (ft):** 20 **1 year:** -0.90
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -1.60
10 year: -0.40

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/8/2007	8.39	4069.31	0.99
8/3/2010	8.68	4069.02	-0.29
9/13/2011	8.18	4069.52	0.50
6/22/2012	8.72	4068.98	-0.54
8/3/2012	9.19	4068.51	-0.47
10/26/2012	10.10	4067.60	-0.91
1/10/2013	10.60	4067.10	-0.50
7/18/2013	8.67	4069.03	1.93
2/28/2014	8.80	4068.90	-0.13
9/15/2014	7.86	4069.84	0.94
9/10/2015	8.88	4068.82	-1.02
4/22/2016	7.66	4070.04	1.22
12/12/2016	9.78	4067.92	-2.12

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: SB00505528CCC **Owner:** USGS NAWQA #12
Permit #: 209112 - - **Location #:** SB00505528CCC **USGS Site ID:** 402150103322801

Division: 1 **Water District:** 1 **County:** MORGAN
Location: Q160 Q40 Q10 Section **Twnshp** Range PM **Distance from section lines:**
From N/S line: **From E/W line:**

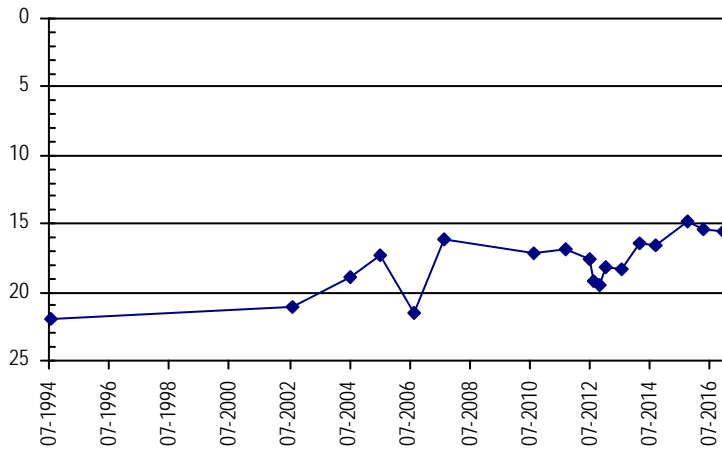
UTM Coordinates (NAD83): **Northing (UTM y):** 4469173.8 **Easting (UTM x):** 623900.5 *GPS*
Latitude/Longitude (decimal degrees): 40.363936 -103.540739

Surface Elevation (ft): 4161.55 **Top Perforated Interval (ft):** **Base of grout (ft):** **Water Level Change**
Well depth (ft): 27 **Bottom Perforated Interval (ft):** **1 year:** -0.70
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 1.30
10 year: 6.03

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/8/2007	16.14	4145.41	5.44
8/3/2010	17.11	4144.44	-0.97
9/13/2011	16.85	4144.70	0.26
6/22/2012	17.56	4143.99	-0.71
8/3/2012	19.23	4142.32	-1.67
10/26/2012	19.41	4142.14	-0.18
1/10/2013	18.18	4143.37	1.23
7/18/2013	18.32	4143.23	-0.14
2/28/2014	16.40	4145.15	1.92
9/15/2014	16.60	4144.95	-0.20
9/3/2015	14.85	4146.70	1.75
4/22/2016	15.36	4146.19	-0.51
12/12/2016	15.55	4146.00	-0.19

All Historic Measurements



Well Name: SB00505930CBA **Owner:** USGS NAWQA #13
Permit #: 22495 - MH - **Location #:** SB00505930CBA **USGS Site ID:** 402213104015501

Division: 1 **Water District:** 1 **County:** MORGAN
Location: Q160 Q40 Q10 Section **Twnshp** Range PM **Distance from section lines:**
From N/S line: **From E/W line:**

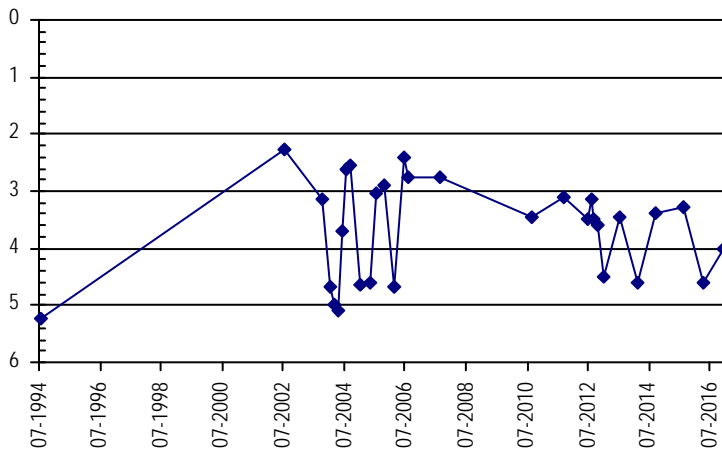
UTM Coordinates (NAD83): **Northing (UTM y):** 4469301.9 **Easting (UTM x):** 582198.1 *GPS*
Latitude/Longitude (decimal degrees): 40.370244 -104.031797

Surface Elevation (ft): 4378.59 **Top Perforated Interval (ft):** 5 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 12 **Bottom Perforated Interval (ft):** 12 **1 year:** -0.91
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.91
10 year: -1.28

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/9/2007	2.75	4375.84	-0.01
8/4/2010	3.44	4375.15	-0.69
9/9/2011	3.11	4375.48	0.33
6/19/2012	3.50	4375.09	-0.39
8/4/2012	3.14	4375.45	0.36
9/7/2012	3.49	4375.10	-0.35
10/25/2012	3.58	4375.01	-0.09
1/10/2013	4.50	4374.09	-0.92
7/31/2013	3.46	4375.13	1.04
2/21/2014	4.61	4373.98	-1.15
9/16/2014	3.40	4375.19	1.21
8/14/2015	3.28	4375.31	0.12
4/15/2016	4.60	4373.99	-1.32
12/12/2016	4.02	4374.57	0.58

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: SB00506532DDB **Owner:** USGS NAWQA #11
Permit #: 163713 - - **Location #:** SB00506532DDB **USGS Site ID:** 402104104404501

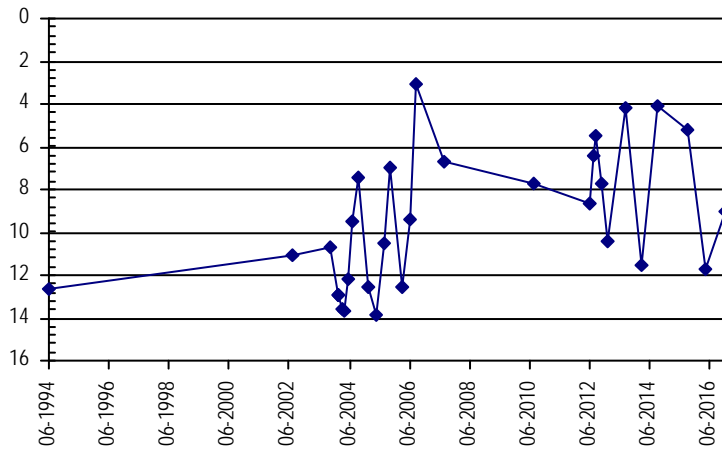
Division: 1 **Water District:** 2 **County:** WELD
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
SE SE NW 32 5 N 65 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4466514.0 **Easting (UTM x):** 527363.0 *User supplied*
Latitude/Longitude (decimal degrees): 40.348732 -104.677794

Surface Elevation (ft): 4670.33 **Top Perforated Interval (ft):** **Base of grout (ft):** **Water Level Change**
Well depth (ft): 19 **Bottom Perforated Interval (ft):** 19 **1 year:** -3.78
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year: -5.88

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/14/2007	6.73	4663.60	-3.63
8/2/2010	7.71	4662.62	-0.98
6/19/2012	8.65	4661.68	-0.94
8/2/2012	6.44	4663.89	2.21
8/28/2012	5.52	4664.81	0.92
10/25/2012	7.75	4662.58	-2.23
1/10/2013	10.38	4659.95	-2.63
8/27/2013	4.19	4666.14	6.19
2/21/2014	11.51	4658.82	-7.32
9/16/2014	4.06	4666.27	7.45
9/7/2015	5.20	4665.13	-1.14
4/15/2016	11.75	4658.58	-6.55
12/12/2016	8.98	4661.35	2.77

All Historic Measurements



Well Name: SB00605311CCC **Owner:** USGS NAWQA #16
Permit #: 209108 - - **Location #:** SB00605311CCC **USGS Site ID:** 402955103163501

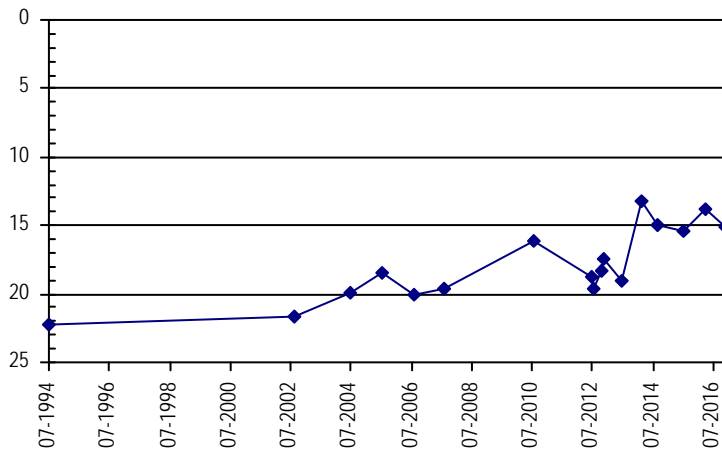
Division: 1 **Water District:** 64 **County:** LOGAN
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
Q160 Q40 Q10 5 N 65 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4484514.7 **Easting (UTM x):** 646174.3 *GPS*
Latitude/Longitude (decimal degrees): 40.498475 -103.274981

Surface Elevation (ft): 4022.71 **Top Perforated Interval (ft):** 26 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 36 **Bottom Perforated Interval (ft):** 36 **1 year:**
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year: 4.97

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/14/2007	19.62	4003.09	0.50
8/3/2010	16.10	4006.61	3.52
9/13/2011			
7/17/2012	18.70	4004.01	
8/3/2012	19.69	4003.02	-0.99
10/26/2012	18.26	4004.45	1.43
11/30/2012	17.43	4005.28	0.83
6/25/2013	19.00	4003.71	-1.57
2/28/2014	13.24	4009.47	5.76
9/15/2014	14.90	4007.81	-1.66
7/17/2015	15.35	4007.36	-0.45
4/21/2016	13.81	4008.90	1.54
12/12/2016	15.15	4007.56	-1.34

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: SB00606533ABD1

Owner: USGS NAWQA #15

Permit #: 163696 - -

Location #: SB00606533ABD1

USGS Site ID: 402658104400001

Division: 1 **Water District:** 3 **County:** WELD
Location: Q160 Q40 Q10 Section **Twnshp** **Range** **PM** **Distance from section lines:**

From N/S line: **From E/W line:**

UTM Coordinates (NAD83): **Northing (UTM y):** 4477745.4 **Easting (UTM x):** 528484.5 *GPS*

Latitude/Longitude (decimal degrees): 40.449878 -104.664086

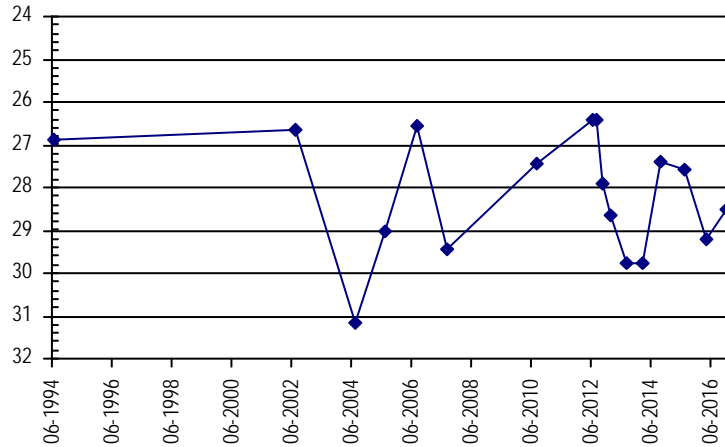
Surface Elevation (ft): 4685.85 **Top Perforated Interval (ft):** 18 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 33 **Bottom Perforated Interval (ft):** 33
Aquifer(s): QUATERNARY ALLUVIUM

1 year:
5 year:
10 year: -1.94

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/14/2007	29.45	4656.40	-2.90
8/2/2010	27.42	4658.43	2.03
6/19/2012	26.44	4659.41	0.98
8/2/2012	26.40	4659.45	0.04
10/25/2012	27.89	4657.96	-1.49
1/10/2013	28.67	4657.18	-0.78
8/27/2013	29.75	4656.10	-1.08
2/21/2014	29.78	4656.07	-0.03
9/16/2014	27.40	4658.45	2.38
7/22/2015	27.57	4658.28	-0.17
4/15/2016	29.21	4656.64	-1.64
12/12/2016	28.49	4657.36	0.72

All Historic Measurements



Well Name: SB00705317BCB1

Owner: USGS NAWQA #17

Permit #: 22358 - MH -

Location #: SB00705317BCB1

USGS Site ID: 403426103200401

Division: 1 **Water District:** 64 **County:** LOGAN
Location: Q160 Q40 Q10 Section **Twnshp** **Range** **PM** **Distance from section lines:**

From N/S line: **From E/W line:**

UTM Coordinates (NAD83): **Northing (UTM y):** 4492841.2 **Easting (UTM x):** 640972.1 *GPS*

Latitude/Longitude (decimal degrees): 40.574356 -103.334492

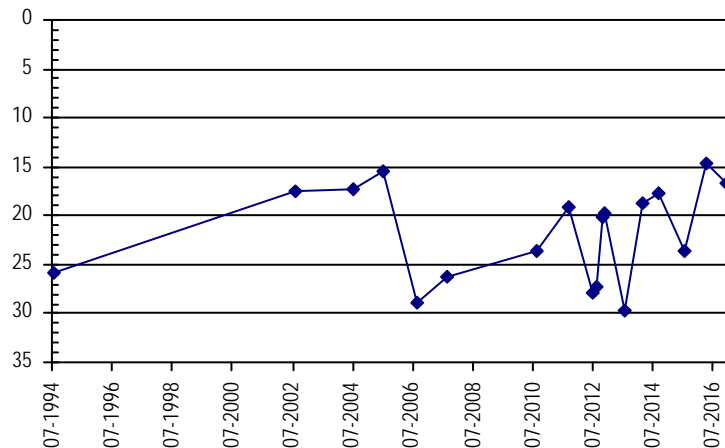
Surface Elevation (ft): 4068.23 **Top Perforated Interval (ft):** 21 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 31 **Bottom Perforated Interval (ft):** 31
Aquifer(s): QUATERNARY ALLUVIUM

1 year:
5 year: 2.43
10 year: 12.21

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/8/2007	26.16	4042.07	2.67
8/4/2010	23.67	4044.56	2.49
9/13/2011	19.05	4049.18	4.62
6/22/2012	27.84	4040.39	-8.79
8/4/2012	27.35	4040.88	0.49
10/12/2012	20.16	4048.07	7.19
11/30/2012	19.78	4048.45	0.38
7/17/2013	29.74	4038.49	-9.96
2/21/2014	18.66	4049.57	11.08
9/12/2014	17.65	4050.58	1.01
7/17/2015	23.68	4044.55	-6.03
4/21/2016	14.62	4053.61	9.06
12/9/2016	16.62	4051.61	-2.00

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: SB00805201CCD

Owner: USGS NAWQA #18

Permit #: 209107 - -

Location #: SB00805201CCD

USGS Site ID: 404106103082201

Division: 1 **Water District:** 64 **County:** LOGAN

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

From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4505455.2 Easting (UTM x): 657215.8 *GPS*

Latitude/Longitude (decimal degrees): 40.685008 -103.139522

Surface Elevation (ft): 3884.99 **Top Perforated Interval (ft):** 8 **Base of grout (ft):** **Water Level Change**

Well depth (ft): 18 **Bottom Perforated Interval (ft):** 18 **1 year:**

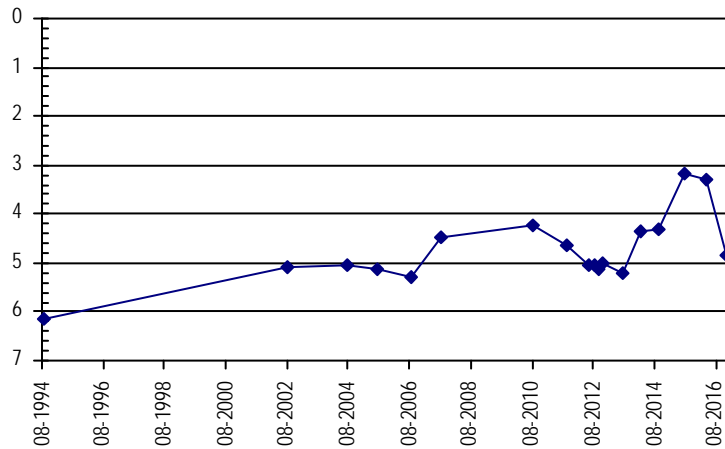
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.19

10 year: 0.45

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/8/2007	4.48	3880.51	0.80
8/3/2010	4.24	3880.75	0.24
9/13/2011	4.64	3880.35	-0.40
6/21/2012	5.06	3879.93	-0.42
8/3/2012	5.06	3879.93	0.00
10/12/2012	5.12	3879.87	-0.06
11/30/2012	5.02	3879.97	0.10
7/16/2013	5.22	3879.77	-0.20
2/28/2014	4.35	3880.64	0.87
9/12/2014	4.31	3880.68	0.04
7/31/2015	3.18	3881.81	1.13
4/21/2016	3.28	3881.71	-0.10
12/9/2016	4.83	3880.16	-1.55

All Historic Measurements



Well Name: SB00905123BDD

Owner: USGS NAWQA #20

Permit #: 22363 - MH -

Location #: SB00905123BDD

USGS Site ID: 404450103013501

Division: 1 **Water District:** 64 **County:** LOGAN

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

From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4512477.2 Easting (UTM x): 666518.6 *GPS*

Latitude/Longitude (decimal degrees): 40.746403 -103.027628

Surface Elevation (ft): 3856.22 **Top Perforated Interval (ft):** 37 **Base of grout (ft):** **Water Level Change**

Well depth (ft): 47 **Bottom Perforated Interval (ft):** 47 **1 year:**

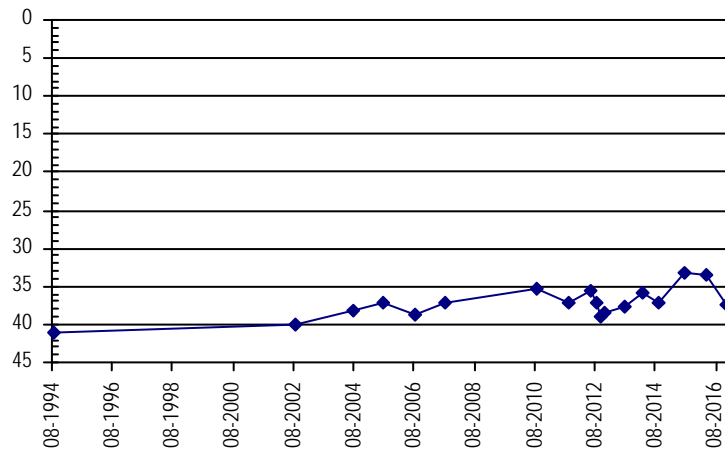
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.04

10 year: 1.37

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/8/2007	37.21	3819.01	1.47
8/3/2010	35.41	3820.81	1.80
9/13/2011	37.27	3818.95	-1.86
6/21/2012	35.62	3820.60	1.65
8/3/2012	37.26	3818.96	-1.64
10/12/2012	38.91	3817.31	-1.65
11/30/2012	38.41	3817.81	0.50
7/16/2013	37.80	3818.42	0.61
2/28/2014	35.97	3820.25	1.83
9/12/2014	37.16	3819.06	-1.19
7/31/2015	33.30	3822.92	3.86
4/21/2016	33.61	3822.61	-0.31
12/9/2016	37.31	3818.91	-3.70

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: SB00905130DAA

Owner: USGS NAWQA #19

Permit #: 22361 - MH -

Location #: SB00905130DAA

USGS Site ID: 404320103053801

Division: 1 **Water District:** 64 **County:** LOGAN

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

From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4509661.7 Easting (UTM x): 660923.0 *GPS*

Latitude/Longitude (decimal degrees): 40.722167 -103.094594

Surface Elevation (ft): 3858.39 **Top Perforated Interval (ft):** 7 **Base of grout (ft):** **Water Level Change**

Well depth (ft): 17 **Bottom Perforated Interval (ft):** 17 **1 year:**

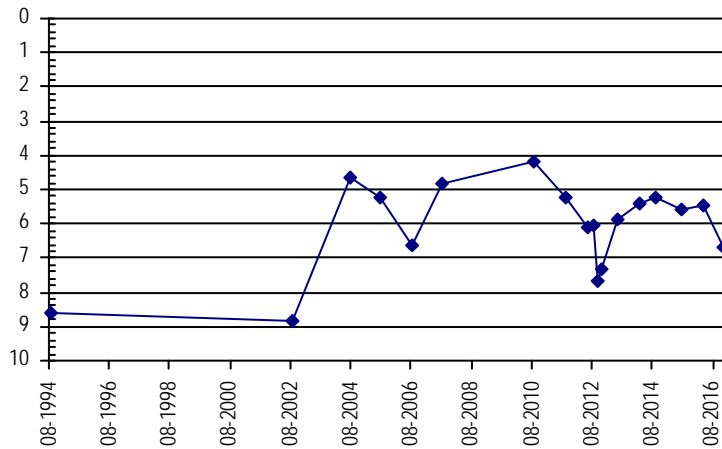
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -1.47

10 year: -0.06

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/8/2007	4.82	3853.57	1.80
8/3/2010	4.20	3854.19	0.62
9/13/2011	5.21	3853.18	-1.01
6/21/2012	6.08	3852.31	-0.87
8/3/2012	6.04	3852.35	0.04
10/12/2012	7.67	3850.72	-1.63
11/30/2012	7.35	3851.04	0.32
6/27/2013	5.87	3852.52	1.48
2/28/2014	5.40	3852.99	0.47
9/12/2014	5.21	3853.18	0.19
7/31/2015	5.56	3852.83	-0.35
4/21/2016	5.49	3852.90	0.07
12/9/2016	6.68	3851.71	-1.19

All Historic Measurements



Well Name: SB01004805CCC

Owner: USGS NAWQA #22

Permit #: 22362 - MH -

Location #: SB01004805CCC

USGS Site ID: 405159102444201

Division: 1 **Water District:** 64 **County:** LOGAN

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

From N/S line: From E/W line:

UTM Coordinates (NAD83): Northing (UTM y): 4526367.5 Easting (UTM x): 689980.2 *GPS*

Latitude/Longitude (decimal degrees): 40.866356 -102.745694

Surface Elevation (ft): 3684.51 **Top Perforated Interval (ft):** 5 **Base of grout (ft):** **Water Level Change**

Well depth (ft): 15 **Bottom Perforated Interval (ft):** 15 **1 year:**

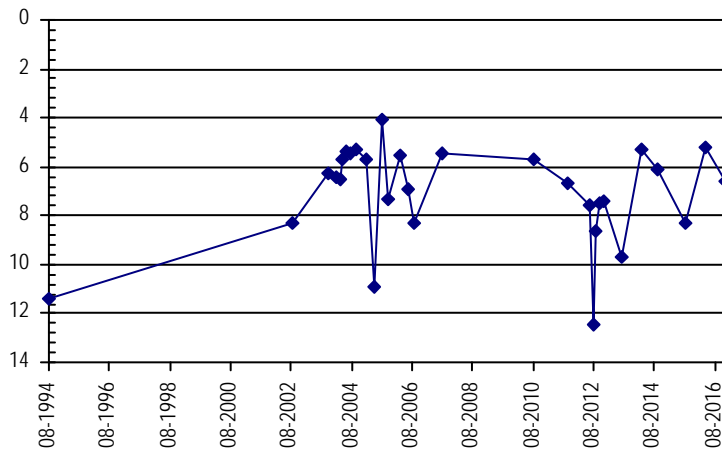
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 0.04

10 year: 1.72

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/8/2007	5.48	3679.03	2.86
8/3/2010	5.68	3678.83	-0.20
9/13/2011	6.66	3677.85	-0.98
6/21/2012	7.53	3676.98	-0.87
8/3/2012	12.42	3672.09	-4.89
8/30/2012	8.60	3675.91	3.82
10/12/2012	7.50	3677.01	1.10
11/30/2012	7.43	3677.08	0.07
6/26/2013	9.69	3674.82	-2.26
2/28/2014	5.28	3679.23	4.41
9/12/2014	6.08	3678.43	-0.80
8/10/2015	8.30	3676.21	-2.22
4/21/2016	5.22	3679.29	3.08
12/9/2016	6.62	3677.89	-1.40

All Historic Measurements



LOWER SOUTH PLATTE ALLUVIUM

Well Name: SB01004915BCC **Owner:** USGS NAWQA #21
Permit #: 22359 - MH - **Location #:** SB01004915BCC **USGS Site ID:** 405039102485601

Division: 1 **Water District:** 64 **County:** LOGAN
Location: Q160 Q40 Q10 Section **Twnshp** Range PM **Distance from section lines:**
From N/S line: **From E/W line:**

UTM Coordinates (NAD83): **Northing (UTM y):** 4523748.6 **Easting (UTM x):** 684126.4 *GPS*
Latitude/Longitude (decimal degrees): 40.844117 -102.815881

Surface Elevation (ft): 3716.85 **Top Perforated Interval (ft):** 5 **Base of grout (ft):** **Water Level Change**
Well depth (ft): 15 **Bottom Perforated Interval (ft):** 15 **1 year:**
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 0.52
10 year: 1.36

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
8/8/2007	6.36	3710.49	0.88
8/3/2010	6.58	3710.27	-0.22
9/13/2011	6.40	3710.45	0.18
6/21/2012	6.73	3710.12	-0.33
8/3/2012	6.91	3709.94	-0.18
10/12/2012	6.65	3710.20	0.26
11/30/2012	6.87	3709.98	-0.22
6/27/2013	6.71	3710.14	0.16
2/28/2014	5.13	3711.72	1.58
9/12/2014	6.01	3710.84	-0.88
8/10/2015	5.79	3711.06	0.22
4/21/2016	3.55	3713.30	2.24
12/9/2016	5.88	3710.97	-2.33

All Historic Measurements

