

GROUNDWATER LEVELS
in the
SOUTHERN HIGH PLAINS
DESIGNATED GROUND WATER BASIN
2017



by
Andrew Flor



COLORADO
Division of Water Resources
Department of Natural Resources

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Groundwater Level Measurements in the Southern High Plains Designated Ground Water Basin 2017

This report contains the basic groundwater level data collected from wells in the Southern High Plains Designated Basin. Acquisition and publication of this information is a cooperative effort between the well owners, Southern High Plains Ground Water Management District (SHPGWMD) and the Colorado Division of Water Resources (DWR). The SHPGWMD has historically obtained the water levels, but starting in 2014 most of the water levels are measured by DWR staff. Help from Don Wood and Max Smith of the SHPGWMD during this transition was greatly appreciated. The project is part of a statewide groundwater level monitoring program funded by Senate Bill 200 (1987 legislative session). This legislation directed that a portion of the fees collected for water well permit applications be used for the establishment of a program to monitor groundwater level trends throughout the state.

Six distinct aquifers or aquifer combinations are present within the Southern High Plains Designated Ground Water Basin. These include unconsolidated alluvium, Ogallala, Dakota, Cheyenne, undifferentiated Dakota/Cheyenne, and Dockum aquifers. A stratigraphic chart, Figure 1, is included in this report to show the relative age and geologic relationship of these aquifers. The majority of the wells in the basin are completed in the Ogallala, Dakota/Cheyenne, or Dockum aquifers. In general, wells in the southeast portion of the basin are completed in the Ogallala and Dockum aquifers while those in the northwest portion of the basin are completed in the Dakota and/or Cheyenne aquifers. Until 2009 these aquifer units were administered separately. On June 30, 2009, the Colorado Ground Water Commission accepted amended Rule 5.2.3 for the Southern High Plains Designated Ground Water Basin so that all of the aquifers identified above can be administered as a single geo-hydraulic system.

A total of 70 well water levels were measured and recorded during the month of March 2017. Water levels were not measured in 18 wells that were pumping or where access was restricted. Figure 2 shows the location and designation of all 88 monitoring wells. The map shows the well number with “SHP” prefix removed for spacing purposes. Figure 3 well symbols indicate the aquifers in which these wells are completed. Tabular data are presented for each well for the previous ten years. Graphical data are presented for the entire period of record. Analyses of changes in the water level in the aquifer are complicated by unknown pumping schedules. The table below summarizes some observations gleaned from the data for each aquifer.

Aquifer	2016 Water Level Range (ft below ground)	Avg. Water Level Change 2016-2017 (ft)	Avg. Water Level Change 2012-2017 (ft)	Avg. Water Level Change 2007-2017 (ft)
Ogallala	87 to 247	1	-7	-19
Dakota/Cheyenne	58 to 315	0	-6	-11
Dockum	36 to 260	-2	-6	-10

Generally water levels in all aquifers throughout the basin are declining. However, ten wells show a trend where water levels are increasing over the past 15-70 years. Seven of the wells are completed in the Dakota/Cheyenne aquifer, two in the Dockum aquifer and one in the Ogallala aquifer. The wells are primarily located in the Southern portion of the Designated Basin near Campo, CO (Figure 3).

Copies of this report can be purchased from the Office of the State Engineer, Records Section, 1313 Sherman St., Room 821, Denver, CO 80203, (303) 866-3581.

An electronic copy of this report, in Adobe PDF format, is available on the Division of Water Resources website:

<http://water.state.co.us/groundwater/Levels/Pages/HydroGeo.aspx>

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-wsg1>

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.

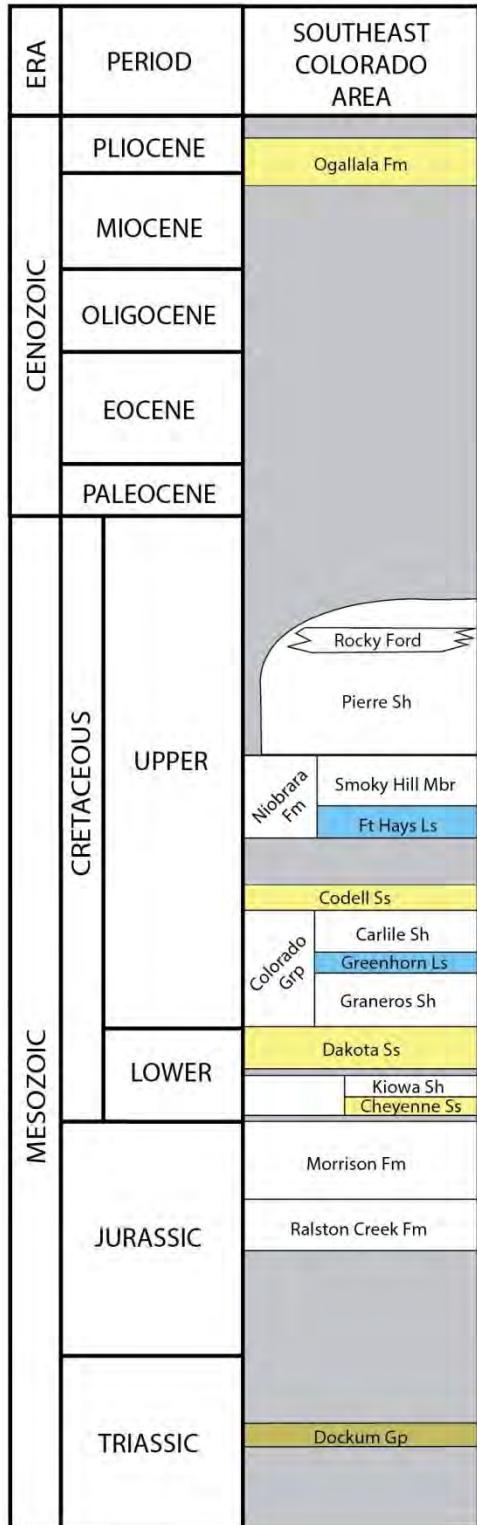
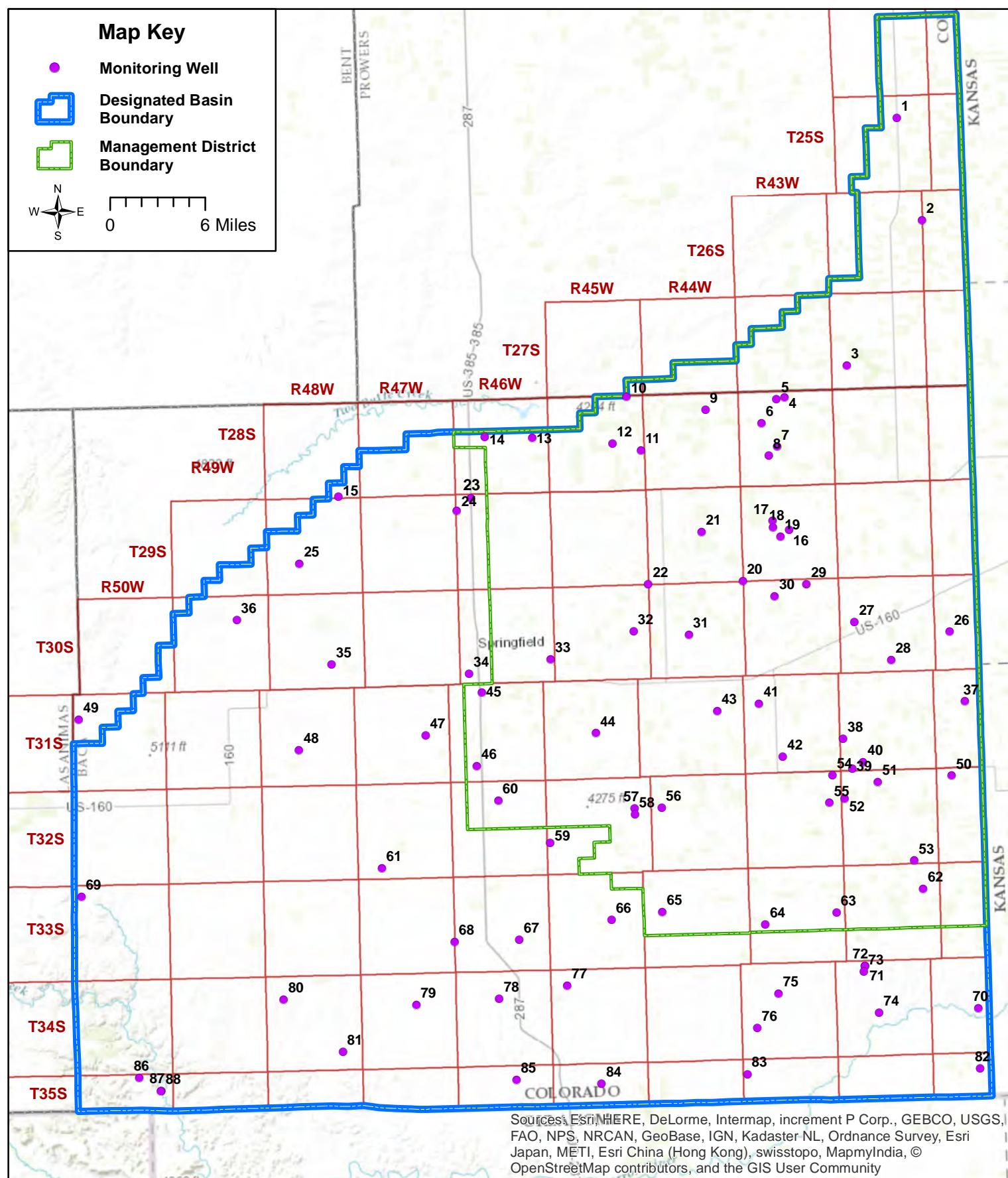


Figure 1 - Bedrock Aquifers of Southeast Colorado
(yellow - sandstone dominated; blue-limestone dominated)

Map Key

- Monitoring Well
 - Designated Basin Boundary
 - Management District Boundary
- N
W
E
S
- 0 6 Miles



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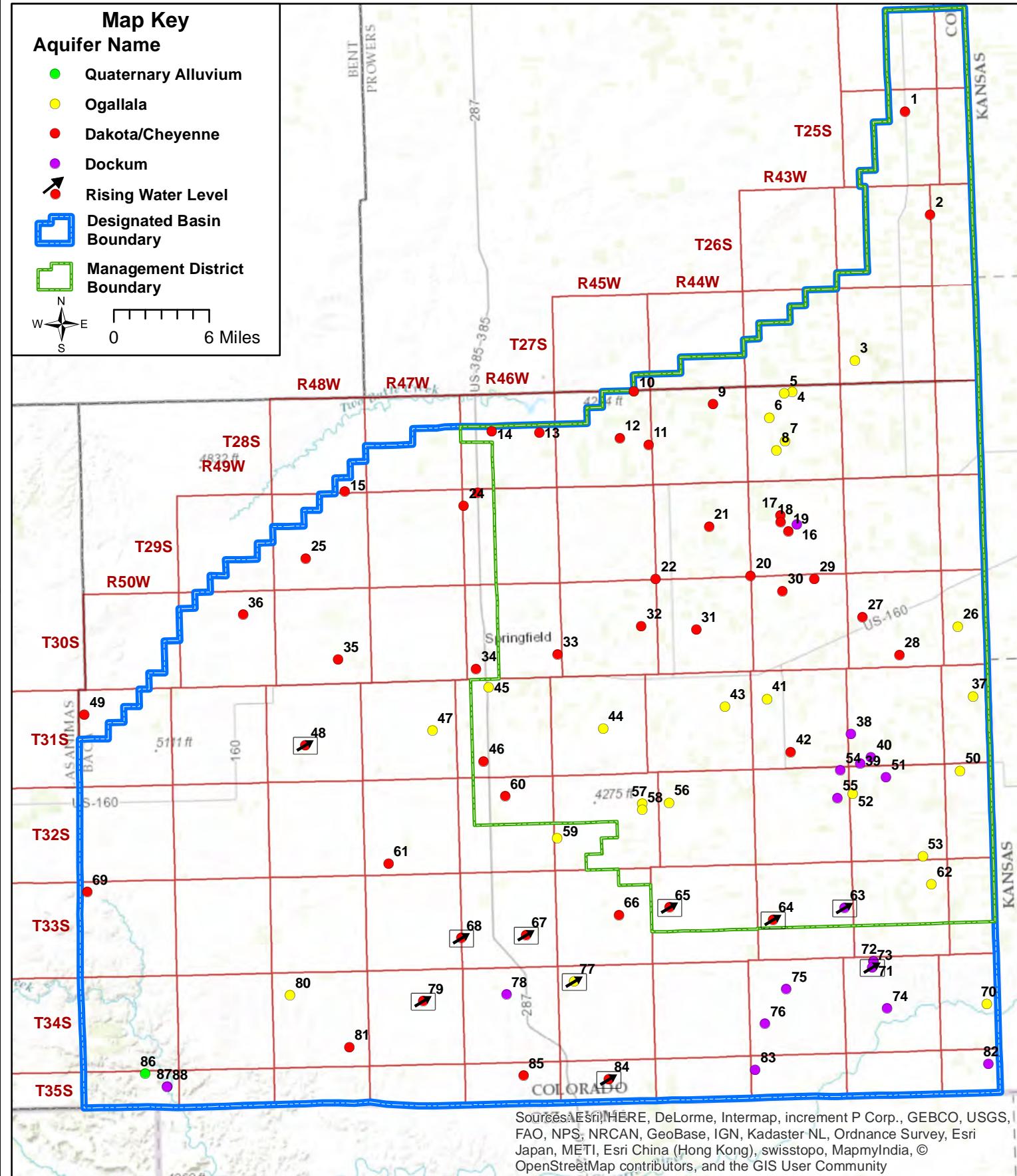
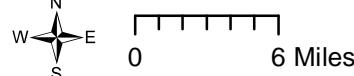
Southern High Plains Designated Basin Monitoring Well Locations
Figure 2

Date: 5/23/2017

Map Key

Aquifer Name

- Quaternary Alluvium
- Ogallala
- Dakota/Cheyenne
- Dockum
- ↗ Rising Water Level
- Designated Basin Boundary
- Management District Boundary



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



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Southern High Plains Designated Basin Aquifers and Water Level Trends
Figure 3

Date: 5/23/2017

Map Key

Groundwater Level Change

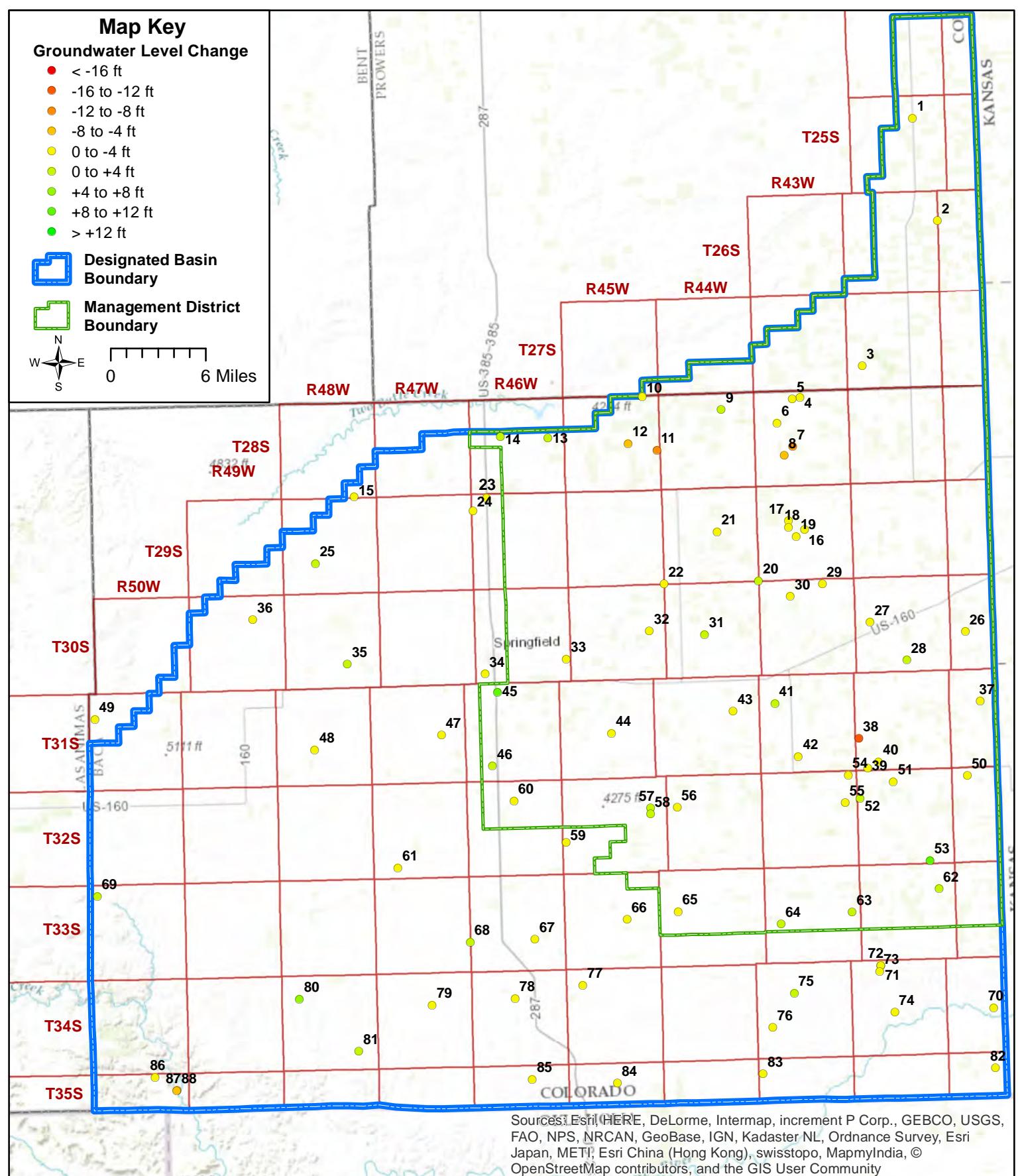
- < -16 ft
- -16 to -12 ft
- -12 to -8 ft
- -8 to -4 ft
- 0 to -4 ft
- 0 to +4 ft
- +4 to +8 ft
- +8 to +12 ft
- > +12 ft

 Designated Basin Boundary

 Management District Boundary

N
W
E
S

0 6 Miles



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



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**Southern High Plains Designated Basin
Water Level Trends 2016-2017**
Figure 4

Date: 5/23/2017

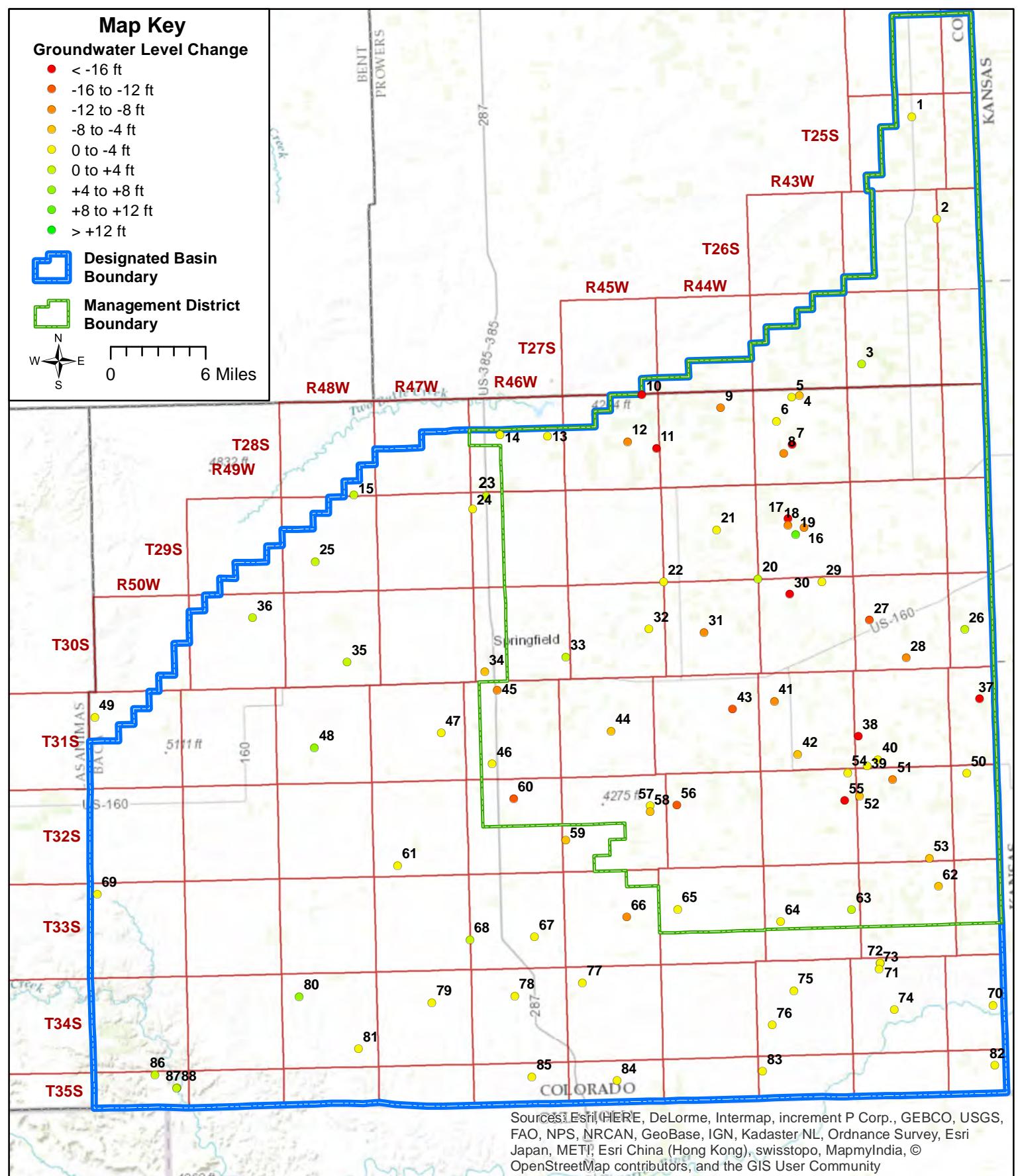
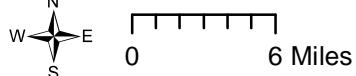
Map Key

Groundwater Level Change

- < -16 ft
- -16 to -12 ft
- -12 to -8 ft
- -8 to -4 ft
- 0 to -4 ft
- 0 to +4 ft
- +4 to +8 ft
- +8 to +12 ft
- > +12 ft

 Designated Basin Boundary

 Management District Boundary



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**Southern High Plains Designated Basin
Water Level Trends 2012-2017**
Figure 5

Date: 5/23/2017

Map Key

Groundwater Level Change

- < -16 ft
- -16 to -12 ft
- -12 to -8 ft
- -8 to -4 ft
- 0 to -4 ft
- 0 to +4 ft
- +4 to +8 ft
- +8 to +12 ft
- > +12 ft

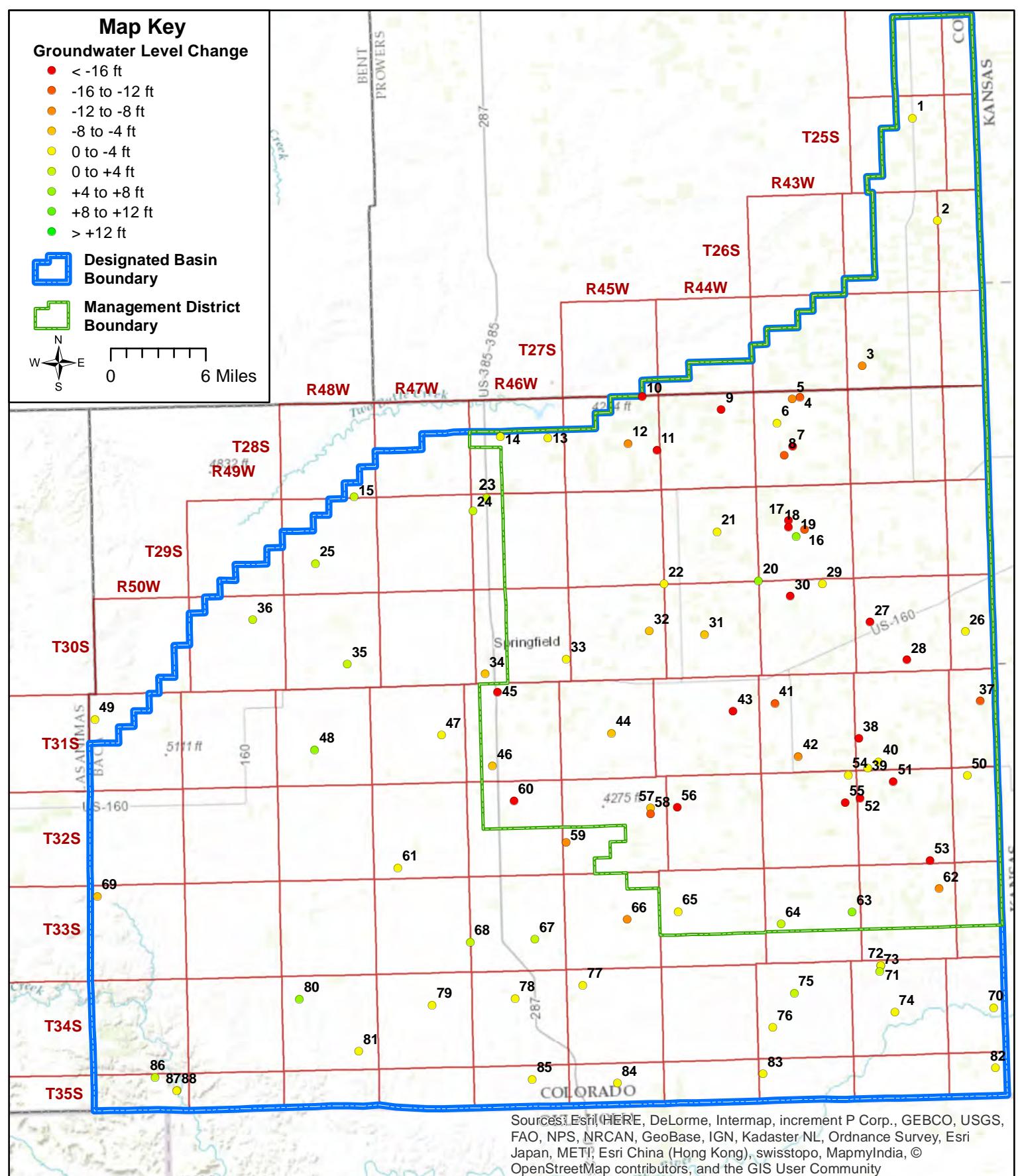
 Designated Basin Boundary

 Management District Boundary

N
W
E
S



0 6 Miles



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



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**Southern High Plains Designated Basin
Water Level Trends 2007-2017**
Figure 6

Date: 5/23/2017

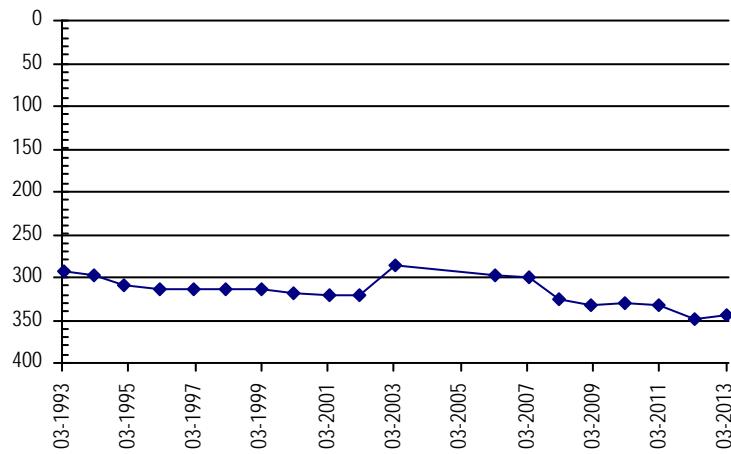
SOUTHERN HIGH PLAINS

Well Name:	SHP-01 BLAKE, JERREL				Owner:	BLAKE, JERREL
Permit #:	10437 - FP				Location #:	SC02504211BC
Division:	2				Water District:	67
Location:	Q160 Q40 Q10 Section NW SW 11				Twnshp Range PM	PROWERS
UTM Coordinates (NAD83):	Northing (UTM y):		4197641.7	Easting (UTM x):	753591.9	GPS
Latitude/Longitude (decimal degrees):	37.890991			-102.116188		
Surface Elevation (ft):	3659	Top Perforated Interval (ft):		Base of grout (ft):	Water Level Change	
Well depth (ft):	600	Bottom Perforated Interval (ft):			1 year:	
Aquifer(s):	DAKOTA				5 year:	
					10 year:	

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/31/2007	300.60	3358.40	-1.80
2/20/2008	326.10	3332.90	-25.50
2/9/2009	331.90	3327.10	-5.80
2/27/2010	330.00	3329.00	1.90
2/23/2011	333.00	3326.00	-3.00
3/6/2012	348.50	3310.50	-15.50
3/10/2013	345.30	3313.70	3.20
3/18/2014			
2/20/2015			
3/10/2016			
3/2/2017			

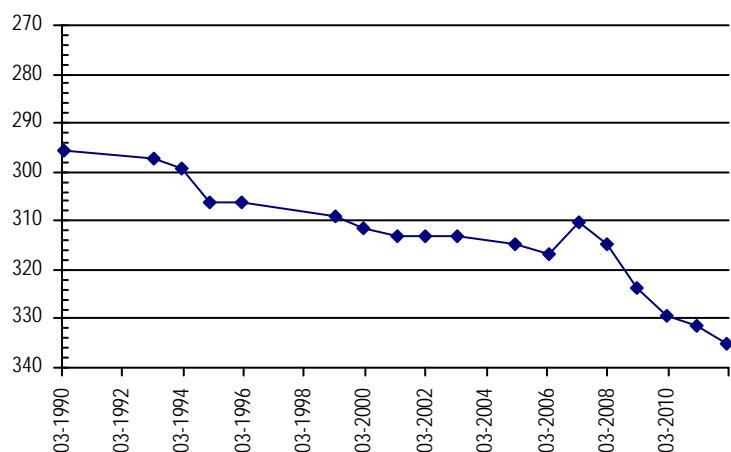
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/30/2007	310.30	3344.70	6.60
2/20/2008	314.70	3340.30	-4.40
2/11/2009	323.80	3331.20	-9.10
2/27/2010	329.50	3325.50	-5.70
2/23/2011	331.40	3323.60	-1.90
2/8/2012	335.00	3320.00	-3.60
3/10/2013			
3/18/2014			
2/20/2015			
3/10/2016			
3/2/2017			

All Historic Measurements



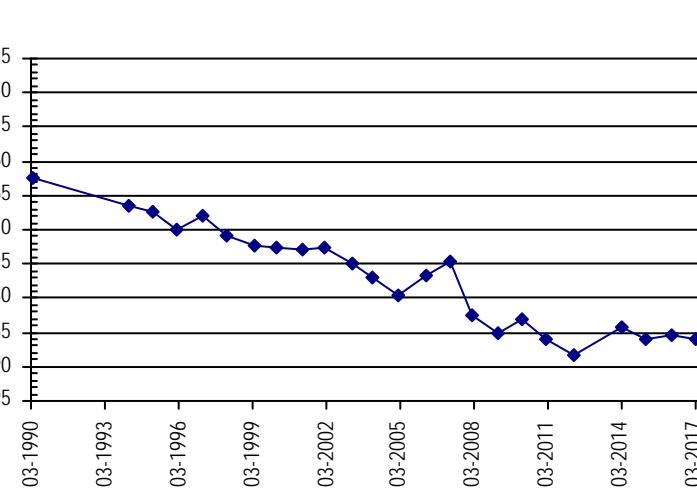
SOUTHERN HIGH PLAINS

Well Name:	SHP-03 WEEKS RANCHES INC.				Owner:	WEEKS RANCHES INC.	
Permit #:	12269 - FP				Location #:	SC02704229CBB	
Division:	2				Water District:	67	County: PROWERS
Location:	Q160	Q40	Q10	Section SW NW NW 29	Twnshp 27 S	Range 42 W S	Distance from section lines: From N/S line: From E/W line:
UTM Coordinates (NAD83):	Northing (UTM y):	4172442.0	Easting (UTM x):	748483.0	GPS		
Latitude/Longitude (decimal degrees):		37.665544			-102.182849		
Surface Elevation (ft):	3826.58	Top Perforated Interval (ft):			Base of grout (ft):		Water Level Change
Well depth (ft):	208	Bottom Perforated Interval (ft):					1 year: -0.69
Aquifer(s):	OGALLALA						5 year: 2.20
							10 year: -11.40

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/30/2007	174.70	3651.88	1.90
2/21/2008	182.40	3644.18	-7.70
2/11/2009	185.00	3641.58	-2.60
2/27/2010	183.00	3643.58	2.00
2/23/2011	186.00	3640.58	-3.00
3/6/2012	188.30	3638.28	-2.30
3/10/2013			
3/18/2014	184.33	3642.25	
2/20/2015	186.08	3640.50	-1.75
3/10/2016	185.41	3641.17	0.67
3/2/2017	186.10	3640.48	-0.69

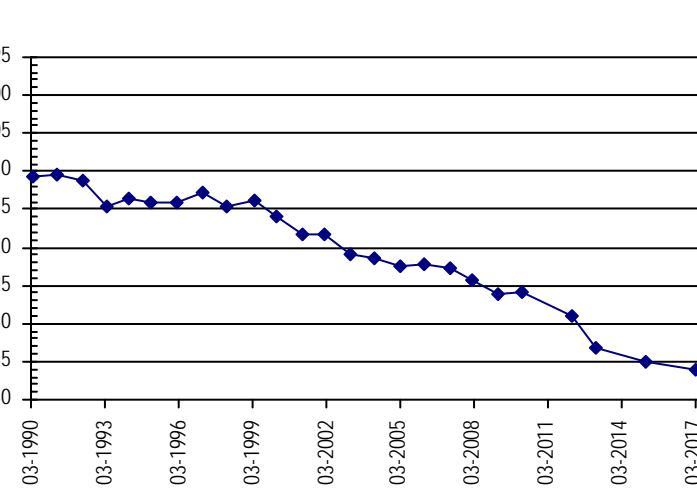
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	222.80	3713.85	-0.60
2/4/2008	224.30	3712.35	-1.50
2/7/2009	226.20	3710.45	-1.90
2/18/2010	225.90	3710.75	0.30
4/13/2011			
2/8/2012	229.00	3707.65	
2/23/2013	233.10	3703.55	-4.10
3/18/2014			
2/20/2015	235.14	3701.51	
3/9/2016			
3/2/2017	236.14	3700.51	

All Historic Measurements



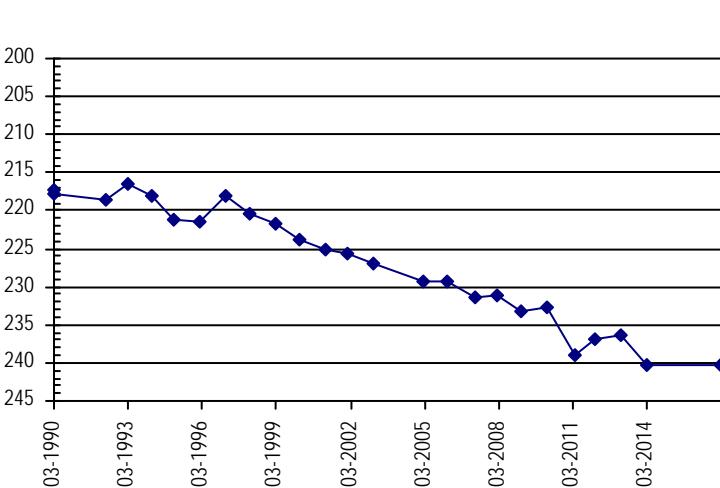
SOUTHERN HIGH PLAINS

Well Name:	SHP-05 SCHNABEL,D.L.				Owner:	SCHNABEL,D.L.	
Permit #:	15639 - FP				Location #:	SC02804304CA	
Division:	2				Water District:	67	County: BACA
Location:	Q160	Q40	Q10	Section	Twnshp	Range	PM
	SW	NE		4	28	S	43 W S
UTM Coordinates (NAD83):	Northing (UTM y):	4169041.4	Easting (UTM x):	741337.5	GPS	From N/S line:	From E/W line:
Latitude/Longitude (decimal degrees):		37.636835			-102.264898		
Surface Elevation (ft):	3950	Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change	
Well depth (ft):	272	Bottom Perforated Interval (ft):				1 year:	
Aquifer(s):	OGALLALA					5 year:	-3.25
						10 year:	-8.85

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	231.40	3718.60	-2.20
2/4/2008	231.20	3718.80	0.20
2/6/2009	233.30	3716.70	-2.10
2/18/2010	232.80	3717.20	0.50
4/14/2011	239.00	3711.00	-6.20
2/8/2012	237.00	3713.00	2.00
2/23/2013	236.30	3713.70	0.70
3/18/2014	240.39	3709.61	-4.09
2/20/2015			
3/9/2016			
3/2/2017	240.25	3709.75	

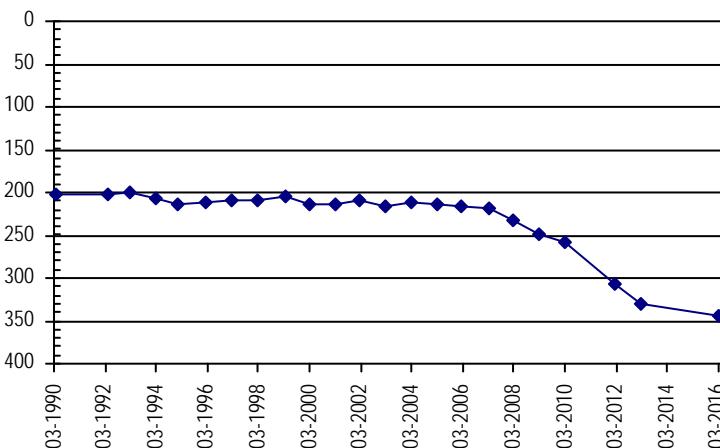
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/21/2007	217.70	3756.30	-1.00
2/3/2008	233.50	3740.50	-15.80
2/3/2009	247.80	3726.20	-14.30
2/14/2010	258.20	3715.80	-10.40
4/13/2011			
2/18/2012	306.20	3667.80	
2/18/2013	329.50	3644.50	-23.30
3/3/2014			
2/20/2015			
3/9/2016	344.66	3629.34	
3/2/2017			

All Historic Measurements



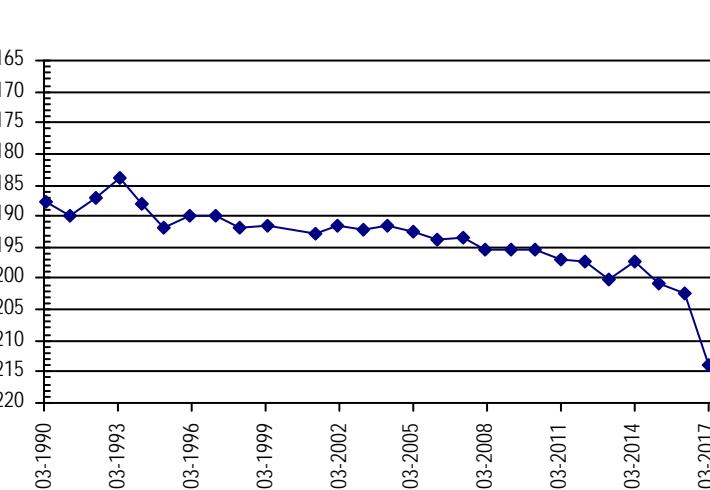
SOUTHERN HIGH PLAINS

Well Name:	SHP-07 GRIFFIN,L.& OTHERS				Owner:	GRIFFIN,L.& OTHERS			
Permit #:	6081 - FP -				Location #:	SC02804321BDD			
Division:	2				Water District:	67			
Location:	Q160 Q40 Q10 Section NW SE SE 21				Twnshp Range PM 28 S 43 W S	County: BACA Distance from section lines: From N/S line: From E/W line:			
UTM Coordinates (NAD83):	Northing (UTM y):		4164223.6		Easting (UTM x):	741391.2 GPS			
Latitude/Longitude (decimal degrees):	37.593445				-102.265880				
Surface Elevation (ft):	3960	Top Perforated Interval (ft):	156	Base of grout (ft):					
Well depth (ft):	242	Bottom Perforated Interval (ft):	227		Water Level Change				
Aquifer(s):	OGALLALA				1 year:	-11.81			
	DAKOTA				5 year:	-16.88			
					10 year:	-20.78			

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	193.30	3766.70	0.50
2/4/2008	195.50	3764.50	-2.20
2/4/2009	195.50	3764.50	0.00
2/14/2010	195.50	3764.50	0.00
3/22/2011	197.00	3763.00	-1.50
2/18/2012	197.20	3762.80	-0.20
2/24/2013	200.10	3759.90	-2.90
3/18/2014	197.19	3762.81	2.91
2/20/2015	200.88	3759.12	-3.69
3/9/2016	202.27	3757.73	-1.39
3/2/2017	214.08	3745.92	-11.81

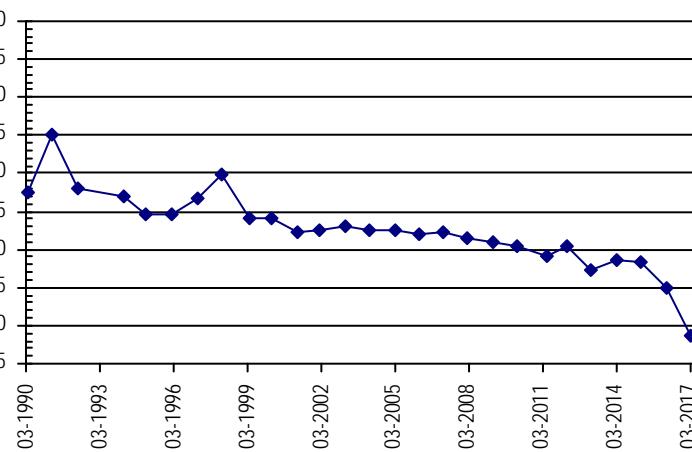
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/23/2007	177.70	3762.30	0.40
2/4/2008	178.40	3761.60	-0.70
2/7/2009	179.00	3761.00	-0.60
2/18/2010	179.50	3760.50	-0.50
4/13/2011	180.80	3759.20	-1.30
2/8/2012	179.50	3760.50	1.30
2/25/2013	182.60	3757.40	-3.10
3/21/2014	181.33	3758.67	1.27
2/20/2015	181.60	3758.40	-0.27
3/9/2016	185.14	3754.86	-3.54
3/2/2017	191.30	3748.70	-6.16

All Historic Measurements



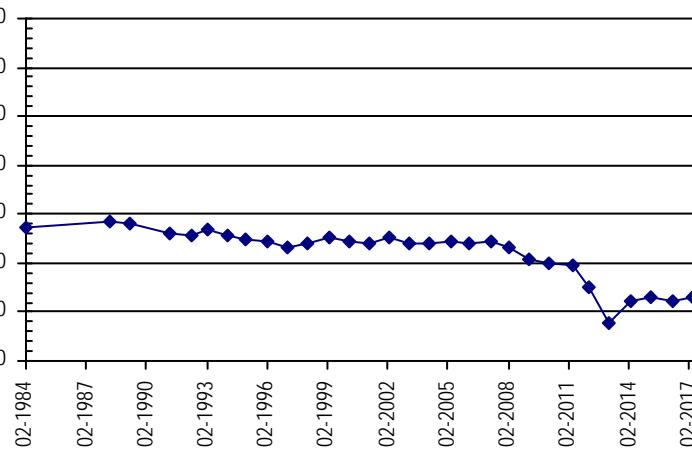
SOUTHERN HIGH PLAINS

Well Name:	SHP-09 COGBURN, B.				Owner:	COGBURN, B.
Permit #:	6183 - FP				Location #:	SC02804410AAA
Division:	2				Water District:	67
Location:	Q160	Q40	Q10	Section NE NE NE 10	Twnshp 28 S	Range 44 W S PM
UTM Coordinates (NAD83):	Northing (UTM y):	4167972.4	Easting (UTM x):	734114.4	From N/S line:	GPS
Latitude/Longitude (decimal degrees):		37.629079			-102.347019	
Surface Elevation (ft):	4057	Top Perforated Interval (ft):		Base of grout (ft):		Water Level Change
Well depth (ft):	417	Bottom Perforated Interval (ft):				1 year: 2.55
Aquifer(s):	CHEYENNE					5 year: -10.42
						10 year: -57.22

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/21/2007	228.60	3828.40	1.00
2/3/2008	234.60	3822.40	-6.00
2/3/2009	245.80	3811.20	-11.20
2/14/2010	249.90	3807.10	-4.10
4/13/2011	253.00	3804.00	-3.10
2/18/2012	275.40	3781.60	-22.40
2/23/2013	311.10	3745.90	-35.70
3/18/2014	289.10	3767.90	22.00
2/20/2015	284.69	3772.31	4.41
3/9/2016	288.37	3768.63	-3.68
3/2/2017	285.82	3771.18	2.55

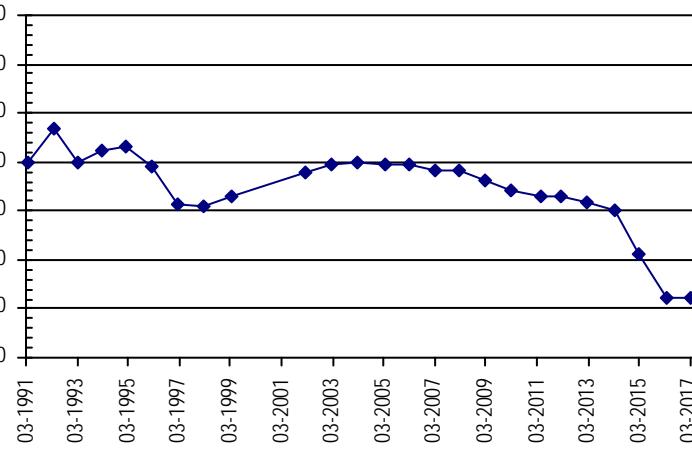
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	281.80	3903.20	-1.20
2/3/2008	281.80	3903.20	0.00
2/7/2009	283.90	3901.10	-2.10
2/14/2010	285.70	3899.30	-1.80
4/12/2011	287.00	3898.00	-1.30
2/18/2012	287.20	3897.80	-0.20
2/23/2013	288.10	3896.90	-0.90
3/18/2014	289.79	3895.21	-1.69
2/20/2015	298.72	3886.28	-8.93
3/9/2016	307.82	3877.18	-9.10
3/1/2017	307.94	3877.06	-0.12

All Historic Measurements



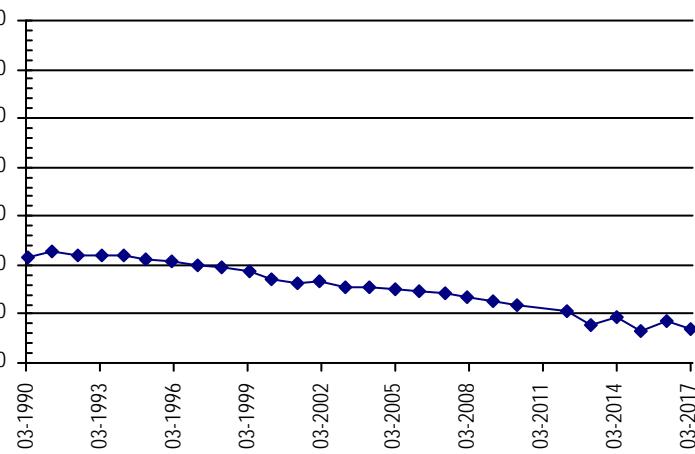
SOUTHERN HIGH PLAINS

Well Name:	SHP-11 AUSMUS,G,& S. 1				Owner:	AUSMUS,G,& S.				
Permit #:	9350 - FP				Location #:	SC02804514ADC				
Division:	2				Water District:	67				
Location:	Q160 Q40 Q10 Section NE SE SW 14				Twnshp Range PM 28 S 45 W S	County: BACA Distance from section lines: <i>From N/S line:</i> <i>From E/W line:</i>				
UTM Coordinates (NAD83):	Northing (UTM y): 4163814.8				Easting (UTM x): 727567.5	GPS				
Latitude/Longitude (decimal degrees):	37.593286				-102.422432					
Surface Elevation (ft):	4150	Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change				
Well depth (ft):	430	Bottom Perforated Interval (ft):				1 year:	-8.50			
Aquifer(s):	DAKOTA CHEYENNE					5 year:	-17.54			
						10 year:	-35.64			

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	279.50	3870.50	-3.10
2/3/2008	282.30	3867.70	-2.80
2/3/2009	287.50	3862.50	-5.20
2/14/2010	290.50	3859.50	-3.00
4/13/2011			
2/18/2012	297.60	3852.40	
2/23/2013	312.10	3837.90	-14.50
3/18/2014	304.10	3845.90	8.00
2/20/2015	317.08	3832.92	-12.98
3/9/2016	306.64	3843.36	10.44
3/1/2017	315.14	3834.86	-8.50

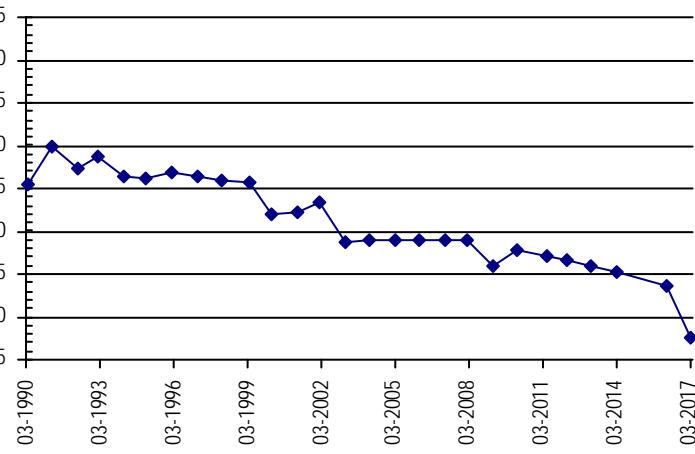
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	241.10	3963.90	-0.10
2/3/2008	241.10	3963.90	0.00
2/3/2009	244.00	3961.00	-2.90
2/14/2010	242.10	3962.90	1.90
4/13/2011	242.90	3962.10	-0.80
2/18/2012	243.30	3961.70	-0.40
2/23/2013	244.10	3960.90	-0.80
3/18/2014	244.87	3960.13	-0.77
2/20/2015			
3/9/2016	246.50	3958.50	
3/1/2017	252.34	3952.66	-5.84

All Historic Measurements



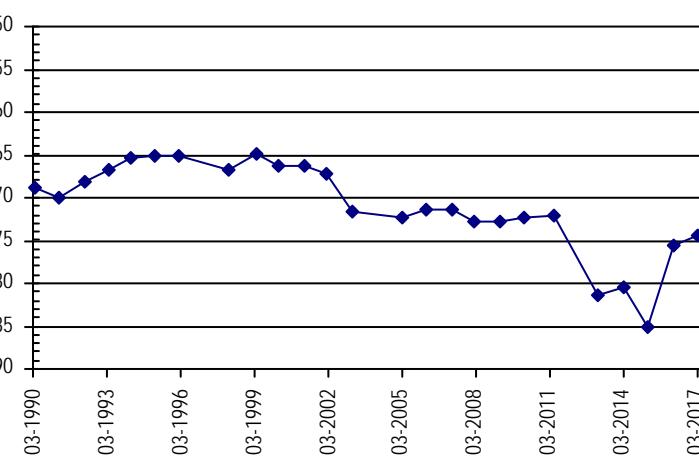
SOUTHERN HIGH PLAINS

Well Name:	SHP-13 KITZMILLER,K.& M.				Owner:	KITZMILLER,K.& M.			
Permit #:	10080 - FP				Location #:	SC02804613BCC			
Division:	2				Water District:	67			
Location:	Q160 Q40 Q10 Section NW SW SW 13				Twnshp Range PM 28 S 46 W S	County: BACA Distance from section lines: <i>From N/S line:</i> <i>From E/W line:</i>			
UTM Coordinates (NAD83):	Northing (UTM y):		4165090.0		Easting (UTM x):	716484.0 GPS			
Latitude/Longitude (decimal degrees):	37.607444					-102.547485			
Surface Elevation (ft):	4311.96				Top Perforated Interval (ft):				
Well depth (ft):	253				Bottom Perforated Interval (ft):				
Aquifer(s):	CHEYENNE								
						Water Level Change			
						1 year:	1.15		
						5 year:			
						10 year:	-3.15		

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	171.30	4140.66	0.10
2/3/2008	172.70	4139.26	-1.40
2/3/2009	172.90	4139.06	-0.20
2/14/2010	172.30	4139.66	0.60
4/13/2011	172.10	4139.86	0.20
2/18/2012			
2/16/2013	181.30	4130.66	
3/18/2014	180.40	4131.56	0.90
2/19/2015	185.19	4126.77	-4.79
3/9/2016	175.60	4136.36	9.59
3/1/2017	174.45	4137.51	1.15

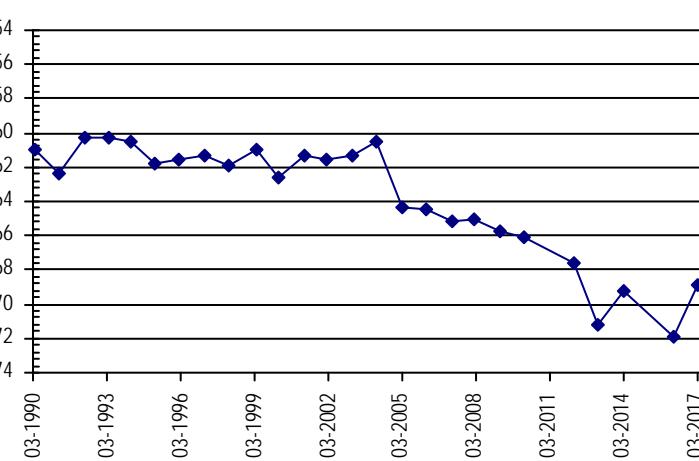
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	165.20	4219.80	-0.70
2/3/2008	165.00	4220.00	0.20
2/3/2009	165.70	4219.30	-0.70
2/14/2010	166.10	4218.90	-0.40
4/12/2011			
2/18/2012	167.60	4217.40	
2/17/2013	171.20	4213.80	-3.60
3/18/2014	169.29	4215.71	1.91
2/19/2015			
3/9/2016	171.89	4213.11	
3/1/2017	168.87	4216.13	3.02

All Historic Measurements



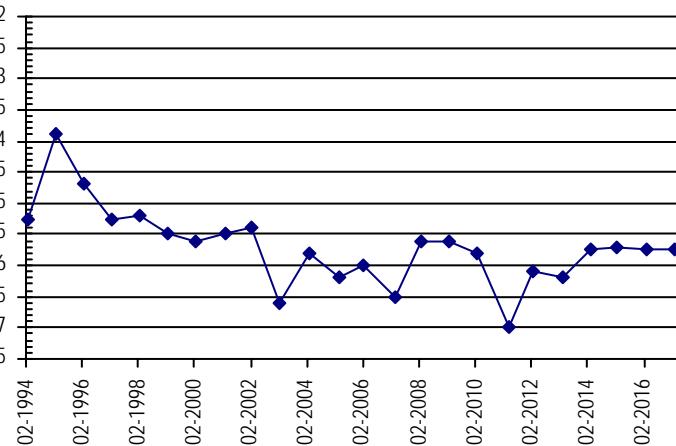
SOUTHERN HIGH PLAINS

Well Name:	SHP-15 MOORE				Owner:	MOORE
Permit #:	9835 - -				Location #:	SC02804835DCD
Division:	2				Water District:	67
Location:	Q160	Q40	Q10	Section	Twnshp	Range PM
	SE	SW	SE	35	28	S 48 W S
UTM Coordinates (NAD83):	Northing (UTM y):	4159141.0	Easting (UTM x):	696769.0	From N/S line:	GPS
Latitude/Longitude (decimal degrees):		37.558293		-102.772269		
Surface Elevation (ft):	4610	Top Perforated Interval (ft):		Base of grout (ft):		Water Level Change
Well depth (ft):	316	Bottom Perforated Interval (ft):				1 year: -0.02
Aquifer(s):	DAKOTA					5 year: 0.35
						10 year: 0.75

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/24/2007	136.50	4473.50	-0.50
2/8/2008	135.60	4474.40	0.90
2/6/2009	135.60	4474.40	0.00
2/24/2010	135.80	4474.20	-0.20
4/12/2011	137.00	4473.00	-1.20
2/25/2012	136.10	4473.90	0.90
3/8/2013	136.20	4473.80	-0.10
3/25/2014	135.74	4474.26	0.46
2/19/2015	135.70	4474.30	0.04
3/9/2016	135.73	4474.27	-0.03
3/1/2017	135.75	4474.25	-0.02

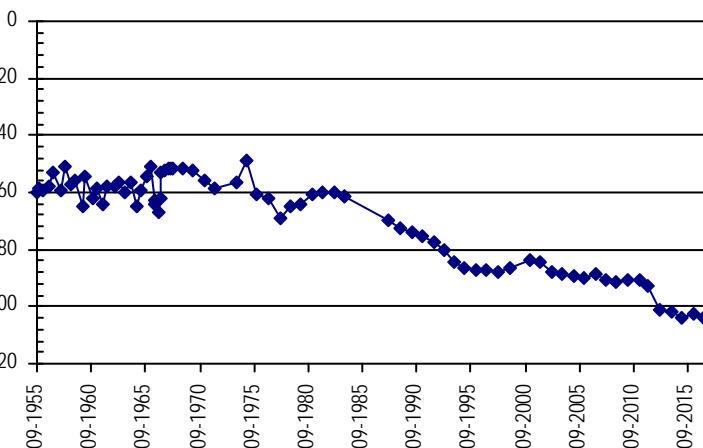
All Historic Measurements



Measurements from last 10 years

Well Name:	SHP-16 COMMERCE RANCH 1			
Permit #:	-	Location #:	SC02904315CCB	
Owner:	COMMERCE RANCH			
USGS Site ID:	373058102151500			
Division:	2	Water District:	67	
Location:	Q160	Q40	Q10	
	Section	Twnshp	Range PM	
	SW SW NW 15	29 S	43 W S	
UTM Coordinates (NAD83):	Northing (UTM y):	4155748.0	Easting (UTM x): 742599.0 GPS	
Latitude/Longitude (decimal degrees):		37.516820	-102.255017	
Surface Elevation (ft):	3914.58	Top Perforated Interval (ft):	Base of grout (ft):	
Well depth (ft):	343	Bottom Perforated Interval (ft):	Water Level Change	
Aquifer(s):	DOCKUM		1 year: -1.06	
			5 year: -10.51	
			10 year: -14.91	

All Historic Measurements



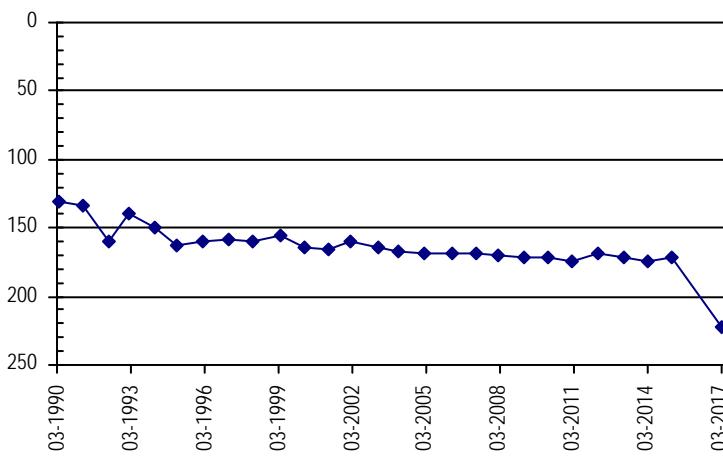
SOUTHERN HIGH PLAINS

Well Name:	SHP-17 COMMERCE RANCH 2				Owner:	COMMERCE RANCH
Permit #:	18427 - RFP -				Location #:	SC02904316BB
Division:	2				Water District:	67
Location:	Q160 Q40 Q10	Section	Twnshp	Range	PM	County: BACA
	NW NW	16	29 S	43 W	S	Distance from section lines: <i>From N/S line:</i> <i>From E/W line:</i>
UTM Coordinates (NAD83):	Northing (UTM y):	4156665.3	Easting (UTM x):	740942.8	GPS	
Latitude/Longitude (decimal degrees):		37.525513		-102.273437		
Surface Elevation (ft):	3939	Top Perforated Interval (ft):		Base of grout (ft):		Water Level Change
Well depth (ft):	411	Bottom Perforated Interval (ft):				1 year:
Aquifer(s):	DAKOTA					5 year:
	CHEYENNE					10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/31/2007	169.00	3770.00	-0.20
2/19/2008	170.70	3768.30	-1.70
2/11/2009	171.50	3767.50	-0.80
2/26/2010	172.00	3767.00	-0.50
2/23/2011	174.10	3764.90	-2.10
2/8/2012	168.00	3771.00	6.10
3/2/2013	171.10	3767.90	-3.10
3/20/2014	174.69	3764.31	-3.59
2/20/2015	171.66	3767.34	3.03
3/10/2016			
3/2/2017	222.57	3716.43	

All Historic Measurements



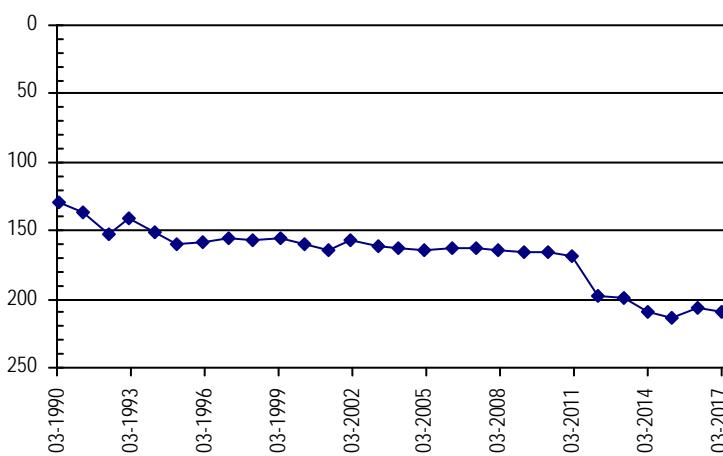
Well Name: SHP-18 COMMERCE RANCH 3

Permit #:	18427 - SFP -	Location #:	SC02904316CBB	Owner:	COMMERCE RANCH
Division:	2	Water District:	67	County:	BACA
Location:	Q160 Q40 Q10	Section	Twnshp	Range	PM
	NW NW NW	16	29 S	43 W	S
UTM Coordinates (NAD83):	Northing (UTM y):	4156029.1	Easting (UTM x):	740959.7	GPS
Latitude/Longitude (decimal degrees):		37.519780		-102.273454	
Surface Elevation (ft):	3936	Top Perforated Interval (ft):		Base of grout (ft):	Water Level Change
Well depth (ft):	465	Bottom Perforated Interval (ft):			1 year:
Aquifer(s):	DAKOTA				5 year:
	CHEYENNE				10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/31/2007	163.30	3772.70	-0.20
2/19/2008	164.80	3771.20	-1.50
2/13/2009	165.50	3770.50	-0.70
2/26/2010	165.80	3770.20	-0.30
2/21/2011	168.80	3767.20	-3.00
2/8/2012	198.00	3738.00	-29.20
3/8/2013	199.10	3736.90	-1.10
3/20/2014	208.66	3727.34	-9.56
2/20/2015	214.10	3721.90	-5.44
3/10/2016	206.40	3729.60	7.70
3/2/2017	209.57	3726.43	-3.17

All Historic Measurements



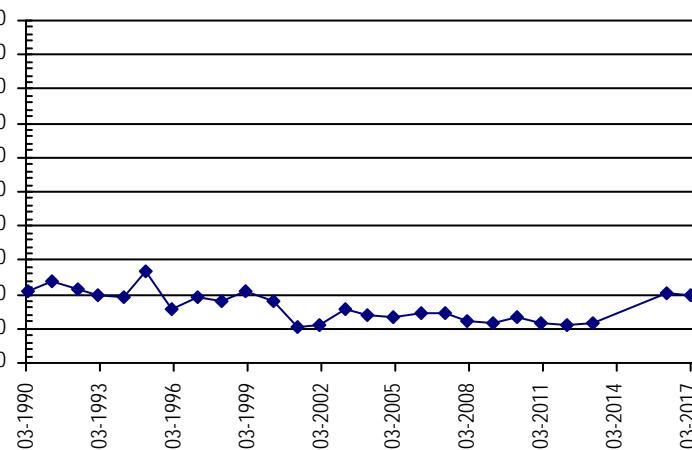
SOUTHERN HIGH PLAINS

Well Name:	SHP-19 COMMERCE RANCH 4				Owner:	COMMERCE RANCH	
Permit #:	67883 - -				Location #:	SC02904321BAD	
Division:	2				Water District:	67	
Location:	Q160 Q40 Q10 Section NW NE SE 21				Twnshp Range PM	County: BACA Distance from section lines: From N/S line: From E/W line:	
UTM Coordinates (NAD83):	Northing (UTM y):		4155067.0		Easting (UTM x):	741741.0 GPS	
Latitude/Longitude (decimal degrees):	37.510914				-102.264939		
Surface Elevation (ft):	3915		Top Perforated Interval (ft):		Base of grout (ft):		Water Level Change
Well depth (ft):	400		Bottom Perforated Interval (ft):				
Aquifer(s):	DAKOTA CHEYENNE				1 year: -0.59 5 year: 8.80 10 year: 5.10		

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/31/2007	85.40	3829.60	0.00
2/19/2008	88.00	3827.00	-2.60
2/11/2009	88.30	3826.70	-0.30
2/26/2010	86.60	3828.40	1.70
2/22/2011	88.30	3826.70	-1.70
2/18/2012	89.10	3825.90	-0.80
3/2/2013	88.40	3826.60	0.70
3/20/2014			
2/20/2015			
3/10/2016	79.71	3835.29	
3/2/2017	80.30	3834.70	-0.59

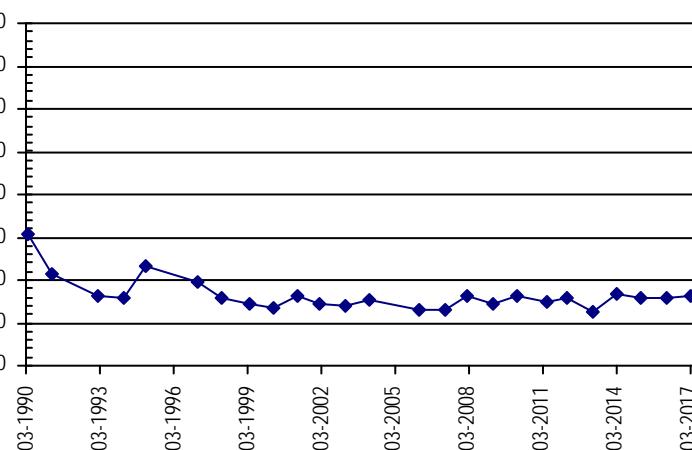
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	133.60	3830.40	0.10
2/4/2008	127.70	3836.30	5.90
2/7/2009	131.40	3832.60	-3.70
2/20/2010	127.70	3836.30	3.70
4/12/2011	129.90	3834.10	-2.20
2/18/2012	128.10	3835.90	1.80
3/2/2013	135.20	3828.80	-7.10
3/20/2014	126.15	3837.85	9.05
2/19/2015	128.54	3835.46	-2.39
3/10/2016	128.20	3835.80	0.34
3/2/2017	127.21	3836.79	0.99

All Historic Measurements

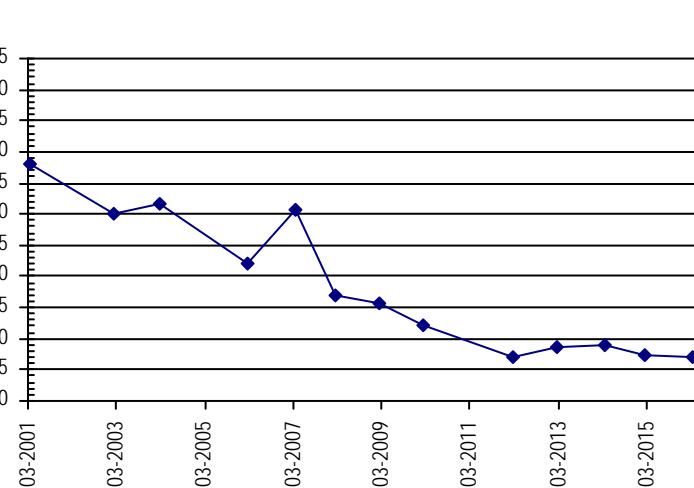


SOUTHERN HIGH PLAINS

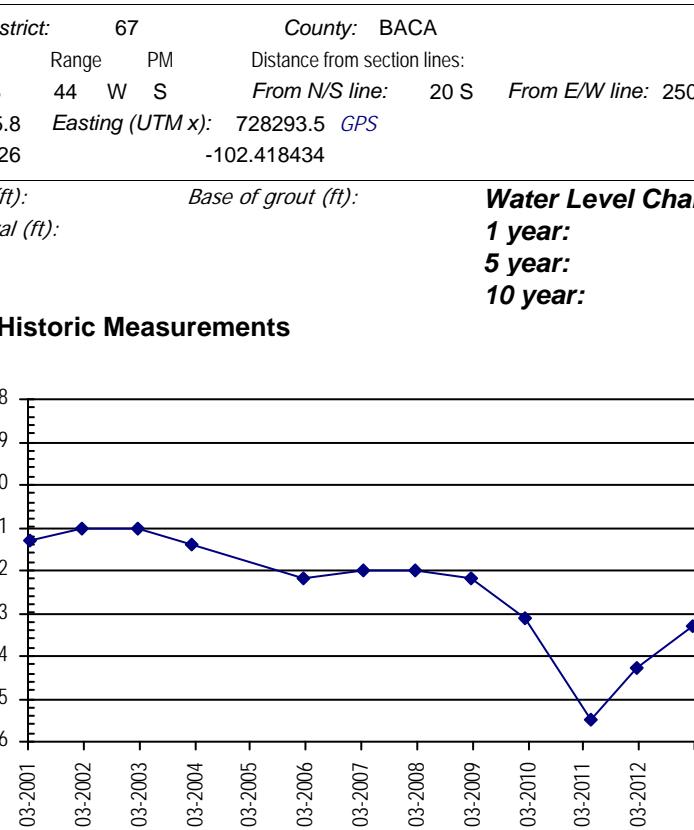
Well Name:	SHP-21 SC02904415C				Owner:	
Permit #:	10133 - FP				Location #:	SC02904415CD
Division:	2				Water District:	67
Location:	Q160 Q40 Q10 Section SW SE 15				Twnshp Range PM	County: BACA
UTM Coordinates (NAD83):	Northing (UTM y): 4155531.0				Easting (UTM x): 733706.2	GPS
Latitude/Longitude (decimal degrees):	37.517161				-102.355607	
Surface Elevation (ft):	4045	Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change
Well depth (ft):	385	Bottom Perforated Interval (ft):				1 year:
Aquifer(s):	DAKOTA CHEYENNE					5 year:
						10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	249.30	3795.70	8.70
2/4/2008	263.00	3782.00	-13.70
2/6/2009	264.30	3780.70	-1.30
2/20/2010	267.80	3777.20	-3.50
4/12/2011			
2/18/2012	273.10	3771.90	
2/24/2013			
2/25/2013	271.30	3773.70	
3/20/2014	271.01	3773.99	0.29
2/20/2015	272.74	3772.26	-1.73
3/10/2016	273.08	3771.92	-0.34
3/1/2017			

All Historic Measurements

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/24/2007	212.00	3881.00	0.20
2/4/2008	212.00	3881.00	0.00
2/6/2009	212.20	3880.80	-0.20
2/20/2010	213.10	3879.90	-0.90
4/19/2011	215.50	3877.50	-2.40
2/18/2012	214.30	3878.70	1.20
2/24/2013	213.30	3879.70	1.00

All Historic Measurements


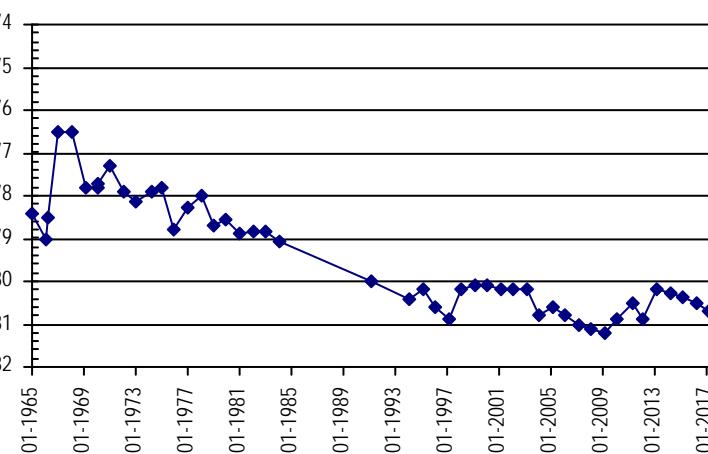
SOUTHERN HIGH PLAINS

Well Name:	SHP-23 WILSON,F.				Owner:	WILSON,F.	
Permit #:	3126 - F				Location #:	SC02904605BB	
Division:	2				Water District:	67	County: BACA
Location:	Q160 Q40 Q10	Section	Twnshp	Range	PM	Distance from section lines:	
	NW NW	5	29	S 46	W S	From N/S line:	From E/W line:
UTM Coordinates (NAD83):	Northing (UTM y):	4158945.0	Easting (UTM x):	710240.0	GPS		
Latitude/Longitude (decimal degrees):		37.553552			-102.619929		
Surface Elevation (ft):	4382.02	Top Perforated Interval (ft):		Base of grout (ft):		Water Level Change	
Well depth (ft):	132	Bottom Perforated Interval (ft):				1 year:	-0.19
Aquifer(s):	DAKOTA					5 year:	0.21
						10 year:	0.31

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	81.00	4301.02	-0.20
2/8/2008	81.10	4300.92	-0.10
2/6/2009	81.20	4300.82	-0.10
2/24/2010	80.90	4301.12	0.30
4/12/2011	80.50	4301.52	0.40
2/25/2012	80.90	4301.12	-0.40
3/8/2013	80.20	4301.82	0.70
3/20/2014	80.27	4301.75	-0.07
2/19/2015	80.38	4301.64	-0.11
3/9/2016	80.50	4301.52	-0.12
3/1/2017	80.69	4301.33	-0.19

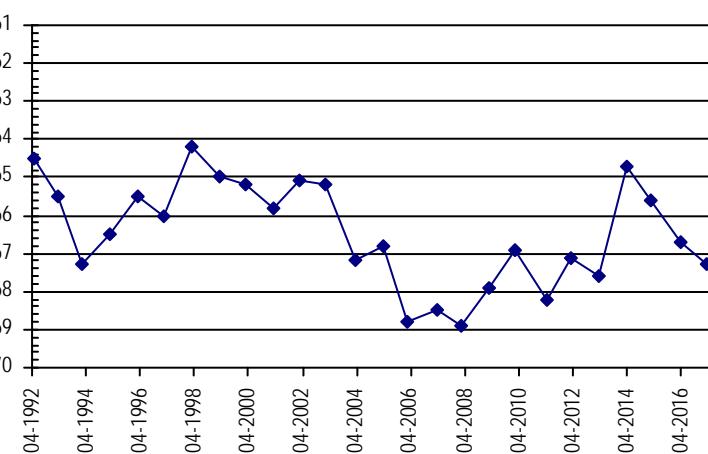
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	68.50	4311.50	0.30
2/8/2008	68.90	4311.10	-0.40
2/3/2009	67.90	4312.10	1.00
2/24/2010	66.90	4313.10	1.00
4/12/2011	68.20	4311.80	-1.30
2/25/2012	67.10	4312.90	1.10
3/8/2013	67.60	4312.40	-0.50
3/20/2014	64.70	4315.30	2.90
2/19/2015	65.61	4314.39	-0.91
3/9/2016	66.68	4313.32	-1.07
3/1/2017	67.28	4312.72	-0.60

All Historic Measurements



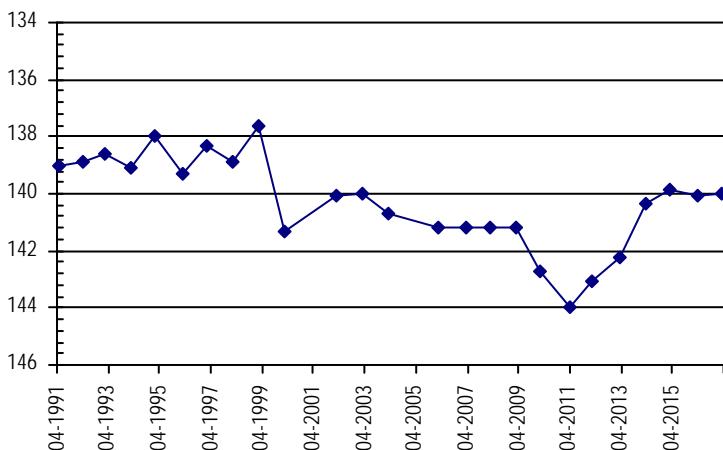
SOUTHERN HIGH PLAINS

Well Name:	SHP-25 BAMBER, M. R.				Owner:	BAMBER, M. R.
Permit #:	593 - RN -				Location #:	SC02904828BBB
Division:	2				Water District:	67
Location:	Q160 Q40 Q10 Section NW NW NW 28				Twnshp	Range PM 29 S 48 W S
UTM Coordinates (NAD83):	Northing (UTM y): 4152286.8				Easting (UTM x):	692804.5 GPS
Latitude/Longitude (decimal degrees):	37.497395					-102.818922
Surface Elevation (ft):	4675	Top Perforated Interval (ft):	350	Base of grout (ft):	Water Level Change	
Well depth (ft):	401	Bottom Perforated Interval (ft):	401		1 year:	0.01
Aquifer(s):	DAKOTA CHEYENNE				5 year:	3.07
					10 year:	1.17

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/24/2007	141.20	4533.80	0.00
2/8/2008	141.20	4533.80	0.00
2/6/2009	141.20	4533.80	0.00
2/24/2010	142.70	4532.30	-1.50
4/13/2011	144.00	4531.00	-1.30
2/25/2012	143.10	4531.90	0.90
3/8/2013	142.20	4532.80	0.90
3/25/2014	140.36	4534.64	1.84
2/19/2015	139.86	4535.14	0.50
3/9/2016	140.04	4534.96	-0.18
3/1/2017	140.03	4534.97	0.01

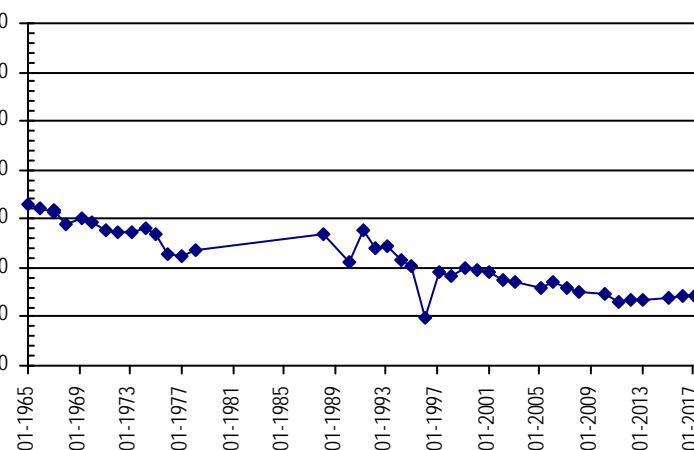
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	108.00	3577.43	-1.90
2/4/2008	109.70	3575.73	-1.70
2/7/2009			
2/19/2010	111.00	3574.43	
4/13/2011	114.00	3571.43	-3.00
2/18/2012	113.20	3572.23	0.80
3/2/2013	112.80	3572.63	0.40
3/20/2014			
2/19/2015	112.06	3573.37	
3/8/2016	111.15	3574.28	0.91
3/1/2017	111.82	3573.61	-0.67

All Historic Measurements



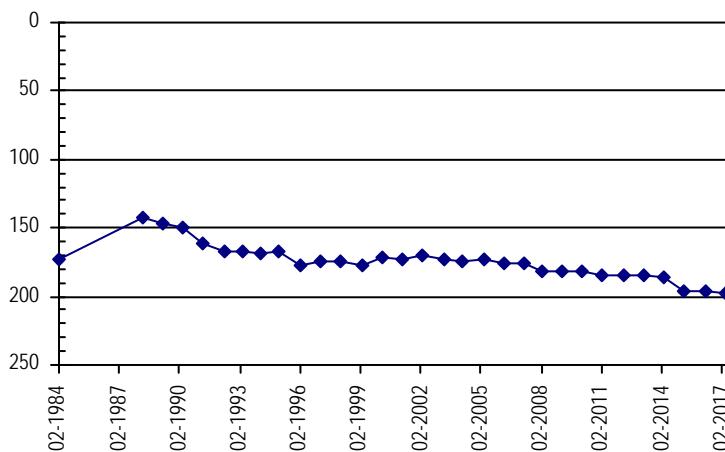
SOUTHERN HIGH PLAINS

Well Name:	SHP-27 SPIRITUAL SC. CHURCH				Owner:	SPIRITUAL SC. CHURCH	
Permit #:	3351 - F				Location #:	SC03004217DD	
Division:	2				Water District:	67	
Location:	Q160 Q40 Q10 Section SE SE 17				Twnshp Range PM 30 S 42 W S	County: BACA Distance from section lines: From N/S line: From E/W line:	
UTM Coordinates (NAD83):	Northing (UTM y):		4146369.0		Easting (UTM x):	749275.0 GPS	
Latitude/Longitude (decimal degrees):							
Surface Elevation (ft):	3830	Top Perforated Interval (ft):					Water Level Change
Well depth (ft):	393	Bottom Perforated Interval (ft):					1 year: -0.92
Aquifer(s):	DAKOTA CHEYENNE						5 year: -12.79
							10 year: -22.19

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/31/2007	175.30	3654.70	0.50
2/20/2008	181.00	3649.00	-5.70
2/11/2009	181.50	3648.50	-0.50
2/26/2010	182.30	3647.70	-0.80
2/20/2011	184.00	3646.00	-1.70
3/1/2012	184.70	3645.30	-0.70
3/2/2013	184.50	3645.50	0.20
3/20/2014	185.52	3644.48	-1.02
2/19/2015	196.25	3633.75	-10.73
3/8/2016	196.57	3633.43	-0.32
3/1/2017	197.49	3632.51	-0.92

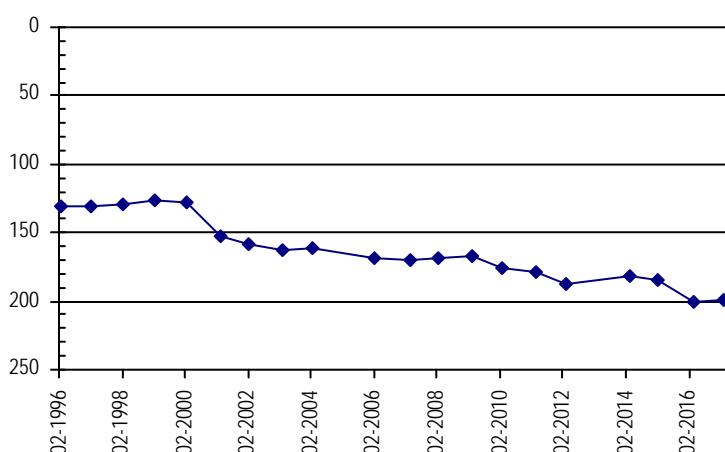
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/21/2007	170.70	3609.30	-1.70
2/23/2008	168.30	3611.70	2.40
3/8/2009	167.50	3612.50	0.80
2/28/2010	176.50	3603.50	-9.00
3/6/2011	178.50	3601.50	-2.00
3/9/2012	187.50	3592.50	-9.00
3/1/2013			
3/20/2014	182.02	3597.98	
2/19/2015	184.50	3595.50	-2.48
3/8/2016	200.25	3579.75	-15.75
3/1/2017	199.26	3580.74	0.99

All Historic Measurements



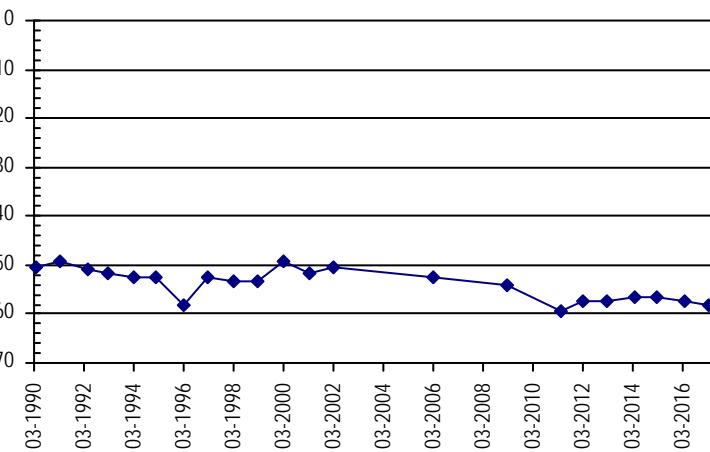
SOUTHERN HIGH PLAINS

Well Name:	SHP-29 MUNDELL,J.				Owner:	MUNDELL,J.
Permit #:	22678 - -				Location #:	SC03004302BCB
Division:	2				Water District:	67
Location:	Q160	Q40	Q10	Section	Twnshp	Range PM
	NW	NW	NW	2	30 S	43 W S
UTM Coordinates (NAD83):	Northing (UTM y):	4150213.0	Easting (UTM x):	744405.0	From N/S line:	GPS
Latitude/Longitude (decimal degrees):		37.466511		-102.236442		
Surface Elevation (ft):	3864	Top Perforated Interval (ft):		Base of grout (ft):		Water Level Change
Well depth (ft):	266	Bottom Perforated Interval (ft):				1 year: -0.65
Aquifer(s):	DAKOTA					5 year: -0.78
						10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007			
2/20/2008			
2/7/2009	54.10	3809.90	
2/18/2010			
4/12/2011	59.40	3804.60	
2/18/2012	57.30	3806.70	2.10
2/26/2013	57.50	3806.50	-0.20
3/20/2014	56.59	3807.41	0.91
2/19/2015	56.67	3807.33	-0.08
3/10/2016	57.43	3806.57	-0.76
3/2/2017	58.08	3805.92	-0.65

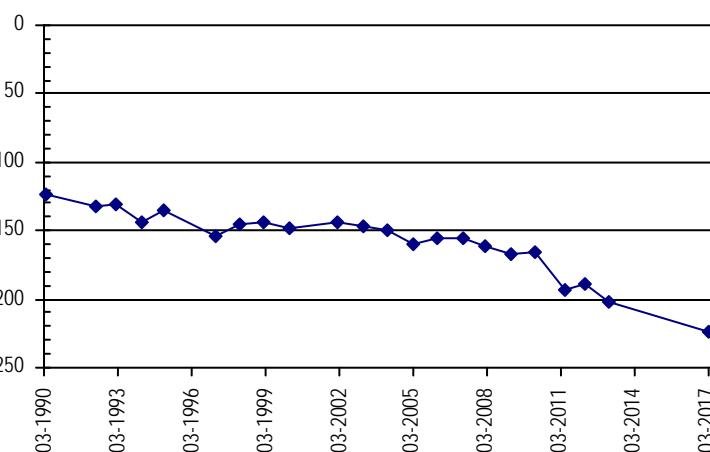
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	155.70	3767.30	-0.10
2/4/2008	161.20	3761.80	-5.50
2/7/2009	166.70	3756.30	-5.50
2/18/2010	165.70	3757.30	1.00
4/12/2011	194.00	3729.00	-28.30
2/8/2012	189.00	3734.00	5.00
2/25/2013	201.50	3721.50	-12.50
3/20/2014			
2/19/2015			
3/10/2016			
3/2/2017	224.50	3698.50	

All Historic Measurements



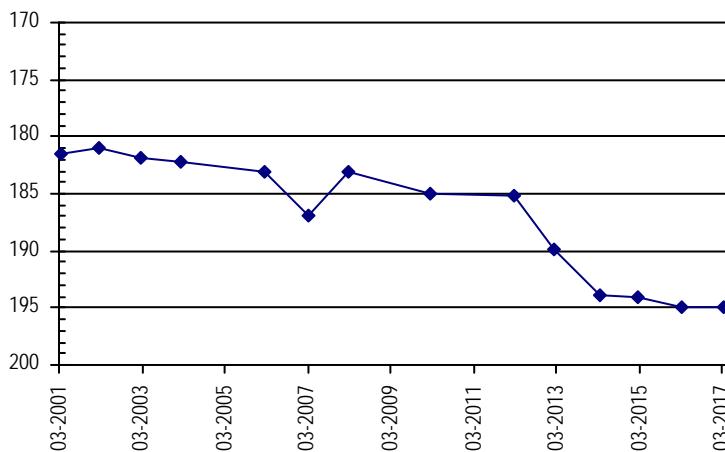
SOUTHERN HIGH PLAINS

Well Name:	SHP-31 AUSTIN				Owner:	AUSTIN
Permit #:	16982 - FP -				Location #: SC03004421BD	
Division:	2				Water District:	67
Location:	Q160	Q40	Q10	Section NW SE 21	Twnshp 30 S	Range 44 W S
UTM Coordinates (NAD83):	Northing (UTM y):	4145097.4	Easting (UTM x):	732419.0	From N/S line:	GPS
Latitude/Longitude (decimal degrees):		37.423540			-102.373449	
Surface Elevation (ft):	4050	Top Perforated Interval (ft):			Base of grout (ft):	
Well depth (ft):	261	Bottom Perforated Interval (ft):			Water Level Change	
Aquifer(s):	DAKOTA				1 year:	0.04
	CHEYENNE				5 year:	-9.81
					10 year:	-7.91

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	187.00	3863.00	-3.90
2/4/2008	183.10	3866.90	3.90
1/1/2009			
2/20/2010	185.00	3865.00	
4/19/2011			
2/18/2012	185.10	3864.90	
2/26/2013	189.80	3860.20	-4.70
3/21/2014	193.91	3856.09	-4.11
2/19/2015	194.13	3855.87	-0.22
3/10/2016	194.95	3855.05	-0.82
3/1/2017	194.91	3855.09	0.04

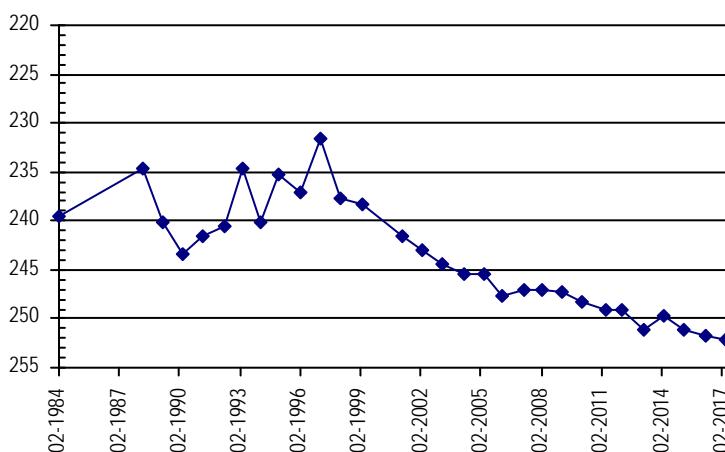
All Historic Measurements



Measurements from last 10 years

Well Name:	SHP-32 B & L FARMS				Owner:	B & L FARMS
Permit #:	10452 - FP -				Location #: SC03004513CCC	
Division:	2				Water District:	67
Location:	Q160	Q40	Q10	Section SW SW SW 13	Twnshp 30 S	Range 45 W S
UTM Coordinates (NAD83):	Northing (UTM y):	4145432.0	Easting (UTM x):	726810.0	From N/S line:	GPS
Latitude/Longitude (decimal degrees):		37.427944			-102.436675	
Surface Elevation (ft):	4148	Top Perforated Interval (ft):	260	Base of grout (ft):	Water Level Change	
Well depth (ft):	330	Bottom Perforated Interval (ft):	330		1 year:	-0.36
Aquifer(s):	CHEYENNE				5 year:	-3.08
					10 year:	-5.18

All Historic Measurements



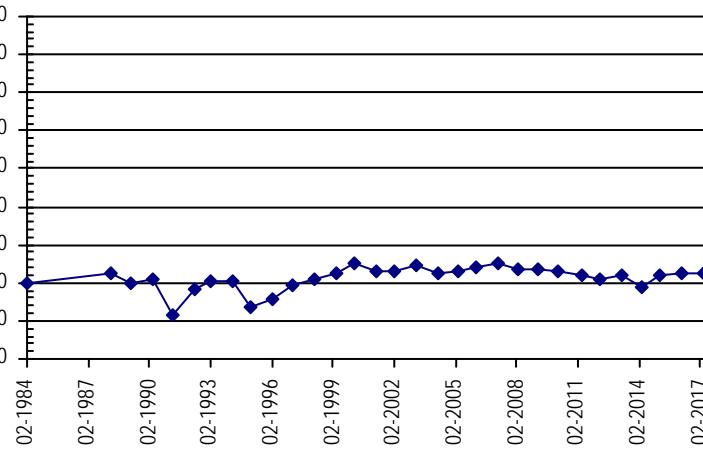
SOUTHERN HIGH PLAINS

Well Name:	SHP-33 WARD, H.				Owner:	WARD, H.
Permit #:					Location #:	SC03004625DAB
Division:	2				Water District:	67
Location:	Q160 Q40 Q10 Section SE NE NW 25				Twnshp Range PM 30 S 46 W S	County: BACA Distance from section lines: <i>From N/S line:</i> <i>From E/W line:</i>
UTM Coordinates (NAD83):	Northing (UTM y): 4142603.0				Easting (UTM x): 718353.0	<i>GPS</i>
Latitude/Longitude (decimal degrees):	37.404501				-102.533006	
Surface Elevation (ft):	4238	Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change
Well depth (ft):		Bottom Perforated Interval (ft):				1 year: -0.21
Aquifer(s):	DAKOTA					5 year: 1.45
						10 year: -2.65

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/23/2007	65.00	4173.00	1.00
2/8/2008	66.20	4171.80	-1.20
2/9/2009	66.30	4171.70	-0.10
2/20/2010	66.80	4171.20	-0.50
4/12/2011	68.00	4170.00	-1.20
2/24/2012	69.10	4168.90	-1.10
3/8/2013	68.20	4169.80	0.90
3/21/2014	70.99	4167.01	-2.79
2/20/2015	67.81	4170.19	3.18
3/10/2016	67.44	4170.56	0.37
3/1/2017	67.65	4170.35	-0.21

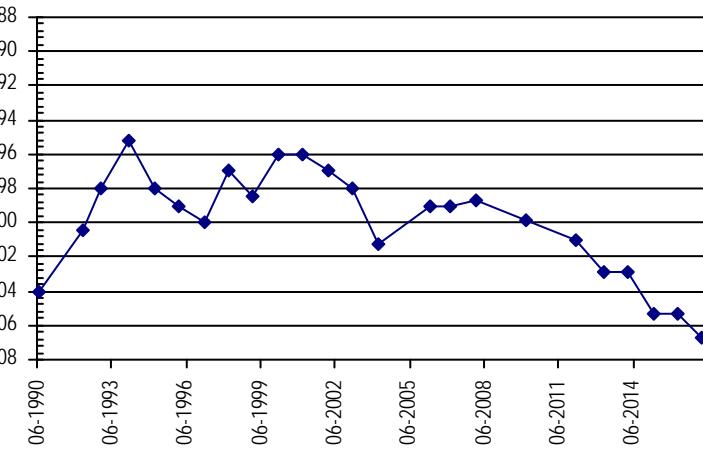
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
1/29/2007	99.00	4293.00	0.00
2/26/2008	98.70	4293.30	0.30
1/1/2009			
2/28/2010	99.90	4292.10	
3/3/2011			
2/25/2012	101.00	4291.00	
3/31/2013	102.90	4289.10	-1.90
3/31/2014	102.83	4289.17	0.07
3/30/2015	105.29	4286.71	-2.46
3/31/2016	105.27	4286.73	0.02
3/27/2017	106.67	4285.33	-1.40

All Historic Measurements



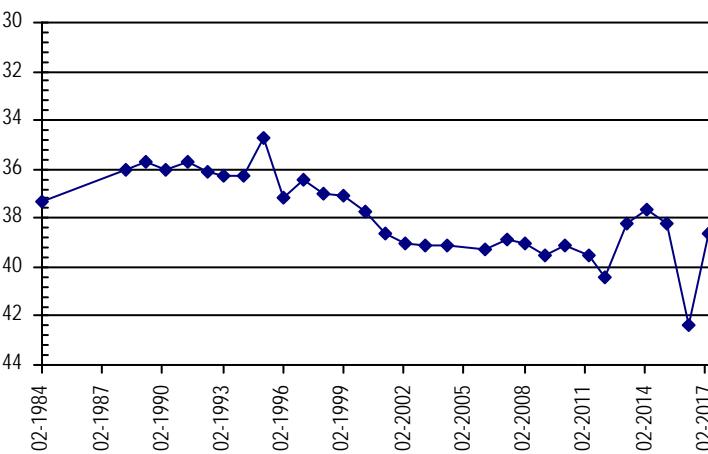
SOUTHERN HIGH PLAINS

Well Name:	SHP-35 MINNICK, W & E				Owner:	MINNICK, W & E	
Permit #:	11339 - F				Location #:	SC03004827ADD	
Division:	2				Water District:	67	
Location:	Q160 Q40 Q10 Section NE SE SE 27				Twnshp Range PM	BACA	
UTM Coordinates (NAD83):	Northing (UTM y): 4142061.0				Easting (UTM x): 696077.0	From N/S line: GPS	
Latitude/Longitude (decimal degrees):	37.404602				-102.784647		
Surface Elevation (ft):	4672	Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change	
Well depth (ft):	245	Bottom Perforated Interval (ft):				1 year:	3.80
Aquifer(s):	DAKOTA					5 year:	1.81
						10 year:	0.31

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/24/2007	138.90	4533.10	0.40
2/8/2008	139.00	4533.00	-0.10
2/6/2009	139.50	4532.50	-0.50
2/24/2010	139.10	4532.90	0.40
4/12/2011	139.50	4532.50	-0.40
2/24/2012	140.40	4531.60	-0.90
3/8/2013	138.20	4533.80	2.20
3/25/2014	137.66	4534.34	0.54
2/19/2015	138.25	4533.75	-0.59
3/9/2016	142.39	4529.61	-4.14
3/1/2017	138.59	4533.41	3.80

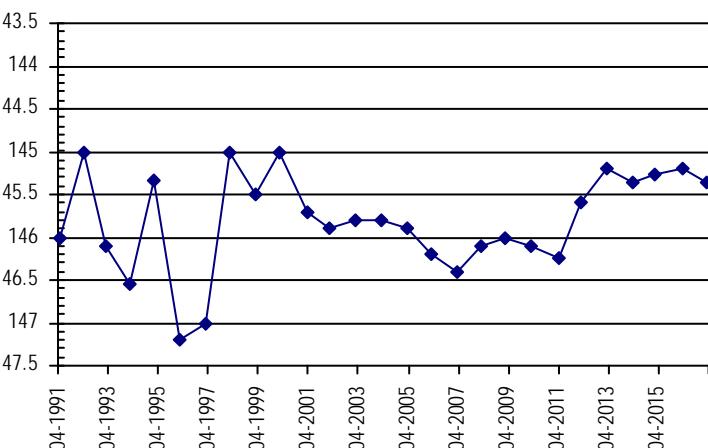
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/24/2007	146.40	4633.60	-0.20
2/8/2008	146.10	4633.90	0.30
2/6/2009	146.00	4634.00	0.10
2/24/2010	146.10	4633.90	-0.10
4/12/2011	146.25	4633.75	-0.15
2/25/2012	145.60	4634.40	0.65
3/8/2013	145.20	4634.80	0.40
3/25/2014	145.37	4634.63	-0.17
2/19/2015	145.26	4634.74	0.11
3/9/2016	145.19	4634.81	0.07
3/1/2017	145.37	4634.63	-0.18

All Historic Measurements



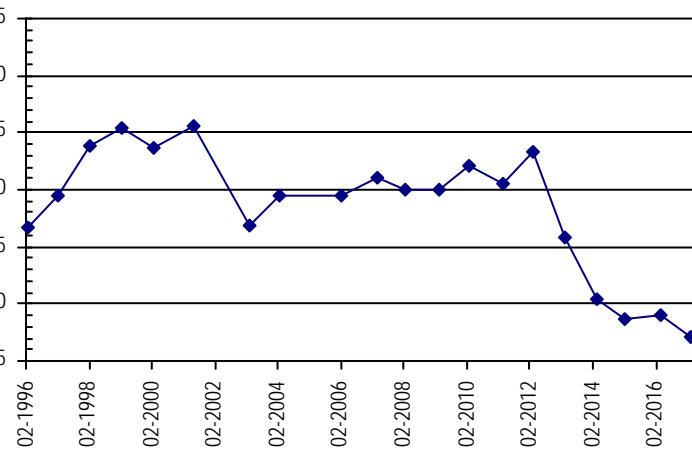
SOUTHERN HIGH PLAINS

Well Name:	SHP-37 C.D.M. TRUST				Owner:	C.D.M. TRUST
Permit #:	13002 - RFP -				Location #:	SC03104108DD
Division:	2				Water District:	66
Location:	Q160 Q40 Q10 Section SE SE 8				Twnshp Range PM 31 S 41 W S	County: BACA Distance from section lines: <i>From N/S line:</i> <i>From E/W line:</i>
UTM Coordinates (NAD83):	Northing (UTM y):		4138326.8	Easting (UTM x):	760480.4	GPS
Latitude/Longitude (decimal degrees):	37.355124			-102.059076		
Surface Elevation (ft):	3688	Top Perforated Interval (ft):		Base of grout (ft):		Water Level Change
Well depth (ft):	140	Bottom Perforated Interval (ft):				1 year: -1.90
Aquifer(s):	OGALLALA					5 year: -16.29
						10 year: -13.89

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/21/2007	99.00	3589.00	1.50
2/23/2008	100.00	3588.00	-1.00
3/8/2009	100.00	3588.00	0.00
2/28/2010	97.90	3590.10	2.10
3/6/2011	99.40	3588.60	-1.50
3/9/2012	96.60	3591.40	2.80
3/3/2013	104.20	3583.80	-7.60
3/19/2014	109.58	3578.42	-5.38
2/19/2015	111.35	3576.65	-1.77
3/8/2016	110.99	3577.01	0.36
3/1/2017	112.89	3575.11	-1.90

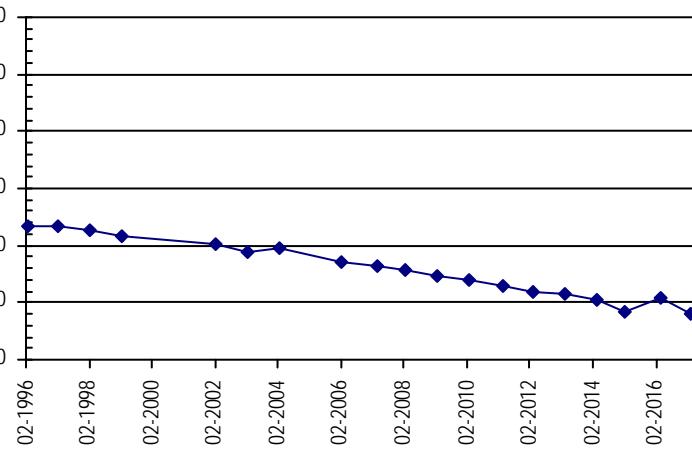
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/3/2007	217.40	3612.60	-3.00
2/22/2008	222.00	3608.00	-4.60
2/16/2009	226.20	3603.80	-4.20
2/16/2010	230.50	3599.50	-4.30
3/6/2011	235.20	3594.80	-4.70
3/10/2012	241.40	3588.60	-6.20
3/2/2013	242.50	3587.50	-1.10
3/19/2014	248.34	3581.66	-5.84
2/18/2015	258.20	3571.80	-9.86
3/8/2016	246.62	3583.38	11.58
3/1/2017	259.87	3570.13	-13.25

All Historic Measurements



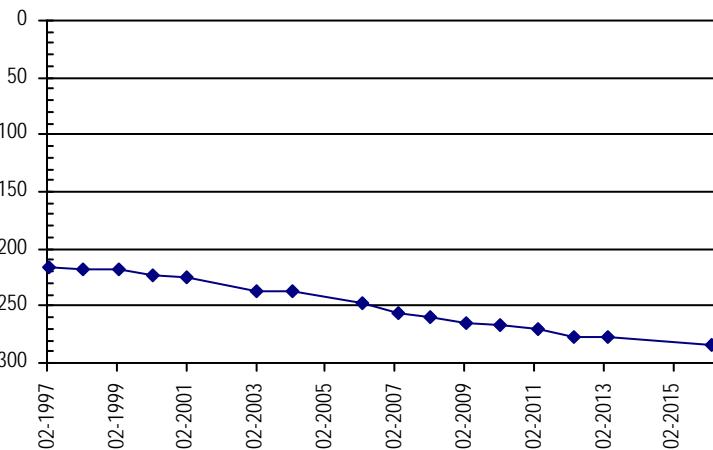
SOUTHERN HIGH PLAINS

Well Name:	SHP-39 MEASE, JAMES				Owner:	MEASE, JAMES
Permit #:	43852 - FP				Location #:	SC03104231DDC
Division:	2				Water District:	66
Location:	Q160 Q40 Q10 Section SE SE SW 31				Twnshp Range PM	County: BACA
UTM Coordinates (NAD83):	Northing (UTM y):		4131484.6	Easting (UTM x):	749032.9	GPS
Latitude/Longitude (decimal degrees):	37.296665			-102.190473		
Surface Elevation (ft):	3820	Top Perforated Interval (ft):	252	Base of grout (ft):	Water Level Change	
Well depth (ft):	412	Bottom Perforated Interval (ft):	412		1 year:	
Aquifer(s):	DOCKUM				5 year:	
					10 year:	

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/2007	256.30	3563.70	-8.00
2/22/2008	260.30	3559.70	-4.00
2/15/2009	264.50	3555.50	-4.20
2/26/2010	266.50	3553.50	-2.00
3/6/2011	270.30	3549.70	-3.80
3/10/2012	276.60	3543.40	-6.30
3/2/2013	277.80	3542.20	-1.20
3/19/2014			
2/18/2015			
3/8/2016	284.15	3535.85	
3/1/2017			

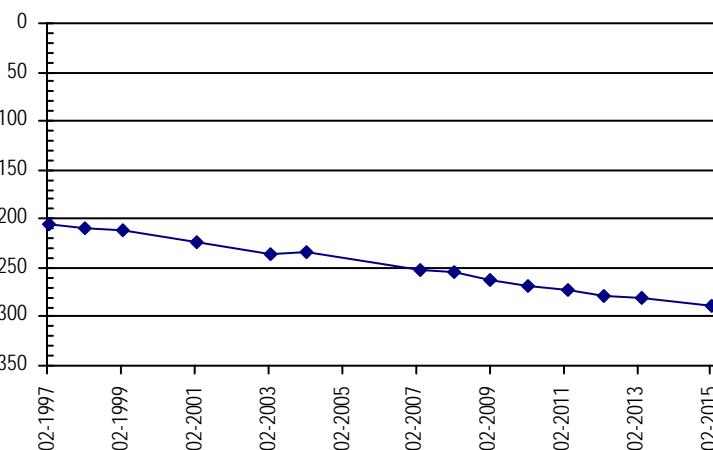
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/2007	251.50	3553.50	
2/22/2008	254.00	3551.00	-2.50
2/16/2009	261.70	3543.30	-7.70
2/25/2010	268.00	3537.00	-6.30
3/6/2011	273.10	3531.90	-5.10
3/10/2012	279.50	3525.50	-6.40
3/2/2013	279.80	3525.20	-0.30
3/19/2014			
2/18/2015	288.70	3516.30	
3/8/2016			
3/1/2017			

All Historic Measurements

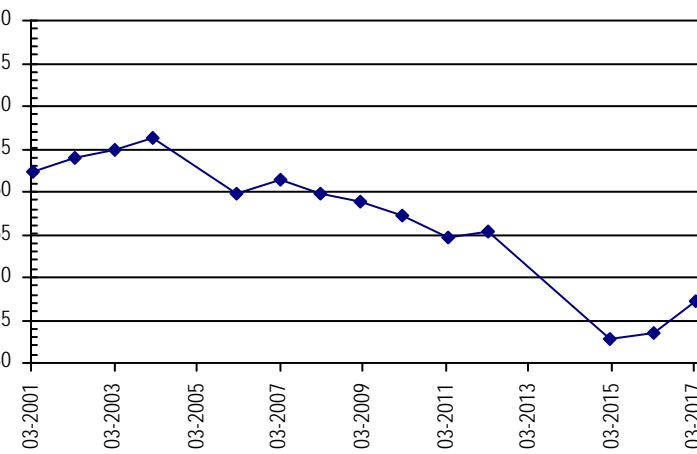


SOUTHERN HIGH PLAINS

Well Name:	SHP-41 HOLT				Owner:	HOLT
Permit #:	3573 - FP -				Location #: SC03104308BC	
Division:	2				Water District:	66
Location:	Q160	Q40	Q10	Section	Twnshp	Range PM
	NW	SW		8	31 S	43 W S
UTM Coordinates (NAD83):	Northing (UTM y):	4138036.0	Easting (UTM x):	739569.0	From N/S line:	GPS
Latitude/Longitude (decimal degrees):		37.358138			-102.295016	
Surface Elevation (ft):	3960	Top Perforated Interval (ft):		Base of grout (ft):	Water Level Change	
Well depth (ft):	230	Bottom Perforated Interval (ft):			1 year:	3.89
Aquifer(s):	OGALLALA				5 year:	-8.10
	CHEYENNE				10 year:	-14.20

Measurements from last 10 years

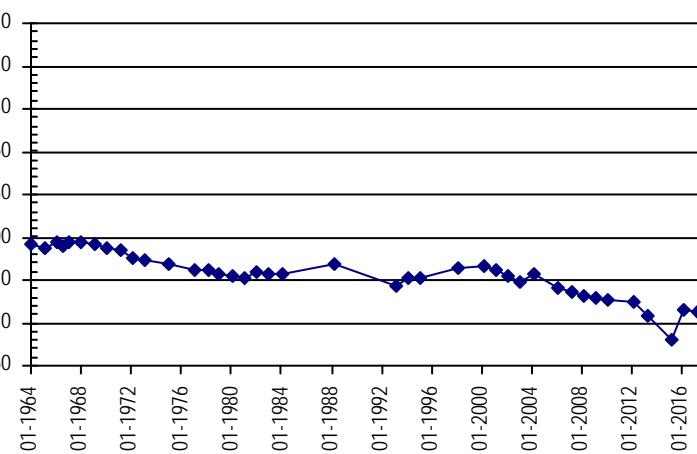
Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/21/2007	158.50	3801.50	1.80
2/27/2008	160.30	3799.70	-1.80
2/17/2009	161.10	3798.90	-0.80
2/27/2010	162.70	3797.30	-1.60
3/6/2011	165.30	3794.70	-2.60
3/6/2012	164.60	3795.40	0.70
3/2/2013			
3/19/2014			
2/18/2015	177.19	3782.81	
3/8/2016	176.59	3783.41	0.60
3/1/2017	172.70	3787.30	3.89

All Historic Measurements

Well Name: **SHP-42 BURCHFIELD, W.K.**

Permit #:	2529 - FP -	Location #:	SC03104333BAA	Owner:	BURCHFIELD, W.K.
Division:	2	Water District:	66	County:	BACA
Location:	Q160	Q40	Q10	Section	Twnshp
	NW	NE	NE	33	31 S
UTM Coordinates (NAD83):	Northing (UTM y):	4132678.0	Easting (UTM x):	741975.0	From N/S line: GPS
Latitude/Longitude (decimal degrees):		37.309273		-102.269626	
Surface Elevation (ft):	3921.56	Top Perforated Interval (ft):		Base of grout (ft):	Water Level Change
Well depth (ft):	211	Bottom Perforated Interval (ft):			1 year: -0.57
Aquifer(s):	DAKOTA				5 year: -4.82
					10 year: -9.62

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/21/2007	125.20	3796.36	-1.70
2/22/2008	127.50	3794.06	-2.30
2/15/2009	128.60	3792.96	-1.10
2/27/2010	129.00	3792.56	-0.40
3/6/2011			
3/6/2012	130.00	3791.56	
3/2/2013	136.80	3784.76	-6.80
3/19/2014			
2/18/2015	147.63	3773.93	
3/8/2016	134.25	3787.31	13.38
3/1/2017	134.82	3786.74	-0.57

All Historic Measurements


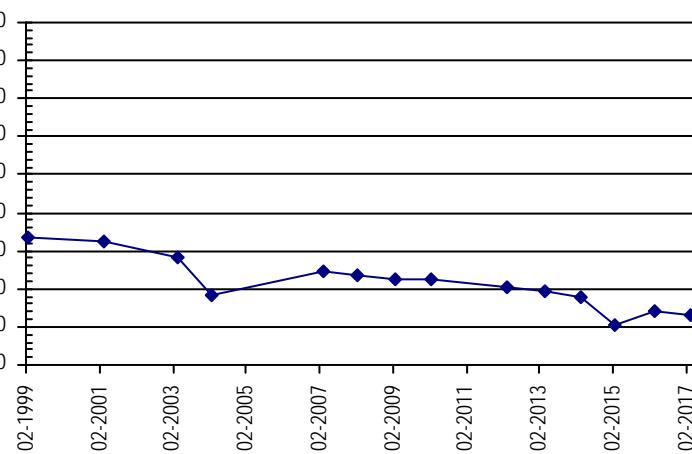
SOUTHERN HIGH PLAINS

Well Name:	SHP-43 LOFLIN, L				Owner:	LOFLIN, L
Permit #:	13835 - RFP -				Location #:	SC03104412CC
Division:	2				Water District:	67
Location:	Q160 Q40 Q10 Section SW SW 12				County:	BACA
UTM Coordinates (NAD83):	Northing (UTM y):		4137295.0	Easting (UTM x):	735311.0	<i>User supplied</i>
Latitude/Longitude (decimal degrees):	37.352556			-102.343281		
Surface Elevation (ft):	4031	Top Perforated Interval (ft):		Base of grout (ft):	Water Level Change	
Well depth (ft):	219	Bottom Perforated Interval (ft):			1 year:	-1.61
Aquifer(s):	OGALLALA					
					5 year:	-14.43
					10 year:	-22.33

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/21/2007	131.20	3899.80	
2/27/2008	133.00	3898.00	-1.80
2/15/2009	134.80	3896.20	-1.80
2/28/2010	135.20	3895.80	-0.40
3/13/2011			
3/6/2012	139.10	3891.90	
3/2/2013	141.80	3889.20	-2.70
3/19/2014	144.89	3886.11	-3.09
2/18/2015	158.61	3872.39	-13.72
3/8/2016	151.92	3879.08	6.69
3/1/2017	153.53	3877.47	-1.61

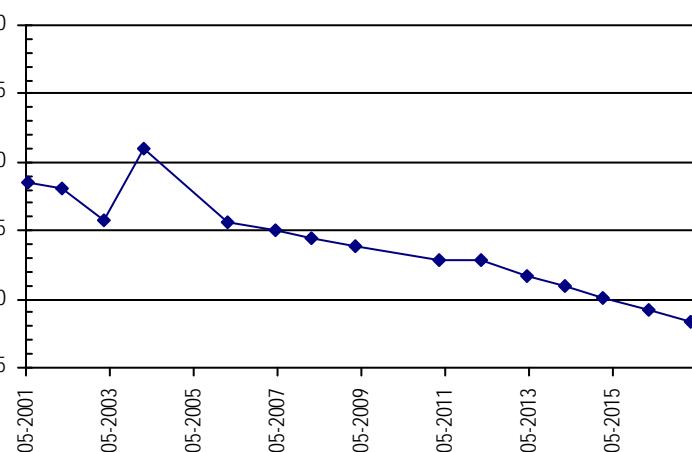
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	125.00	4063.00	-0.60
2/24/2008	125.50	4062.50	-0.50
3/9/2009	126.10	4061.90	-0.60
1/1/2010			
3/13/2011	127.20	4060.80	
3/15/2012	127.20	4060.80	0.00
4/21/2013	128.30	4059.70	-1.10
3/20/2014	129.07	4058.93	-0.77
2/20/2015	129.98	4058.02	-0.91
3/10/2016	130.79	4057.21	-0.81
3/1/2017	131.71	4056.29	-0.92

All Historic Measurements



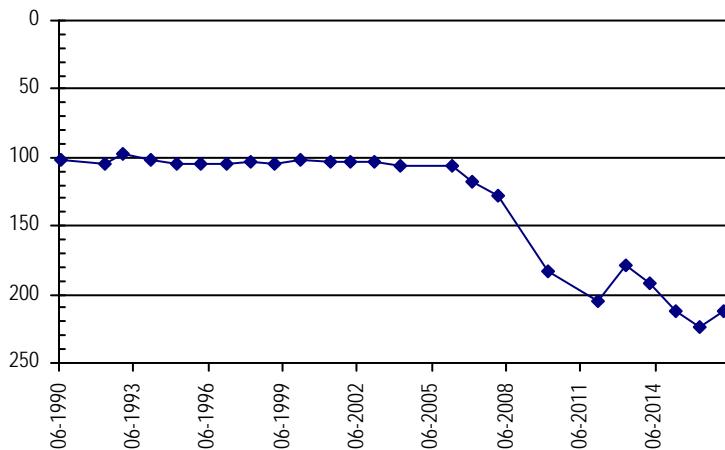
SOUTHERN HIGH PLAINS

Well Name:	SHP-45 TWN.OF SPRINGFIELD				Owner:	TWN.OF SPRINGFIELD
Permit #:	6837 - F				Location #:	SC03104604BC
Division:	2				Water District:	67
Location:	Q160 Q40 Q10 Section NW SW 4				Twspsh Range PM 31 S 46 W S	County: BACA Distance from section lines: <i>From N/S line:</i> <i>From E/W line:</i>
UTM Coordinates (NAD83):	Northing (UTM y):		4139215.0	Easting (UTM x):	711351.0	User supplied
Latitude/Longitude (decimal degrees):	37.375613			-102.613021		
Surface Elevation (ft):	4403	Top Perforated Interval (ft):		Base of grout (ft):		Water Level Change
Well depth (ft):	360	Bottom Perforated Interval (ft):				1 year: 10.98
Aquifer(s):	OGALLALA DAKOTA					5 year: -8.01
						10 year: -95.41

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
1/29/2007	117.30	4285.70	-11.75
2/26/2008	128.20	4274.80	-10.90
1/1/2009			
2/28/2010	183.60	4219.40	
3/3/2011			
2/25/2012	204.70	4198.30	
3/31/2013	178.67	4224.33	26.03
3/31/2014	191.17	4211.83	-12.50
3/30/2015	212.75	4190.25	-21.58
3/31/2016	223.69	4179.31	-10.94
3/27/2017	212.71	4190.29	10.98

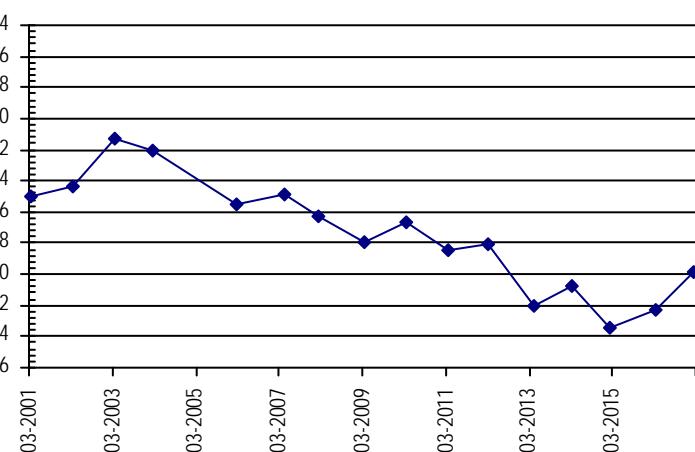
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	144.90	4287.10	0.60
2/24/2008	146.30	4285.70	-1.40
3/9/2009	148.00	4284.00	-1.70
3/12/2010	146.70	4285.30	1.30
3/13/2011	148.40	4283.60	-1.70
3/15/2012	148.10	4283.90	0.30
4/21/2013	152.00	4280.00	-3.90
3/21/2014	150.76	4281.24	1.24
2/18/2015	153.40	4278.60	-2.64
3/8/2016	152.24	4279.76	1.16
2/27/2017	149.89	4282.11	2.35

All Historic Measurements



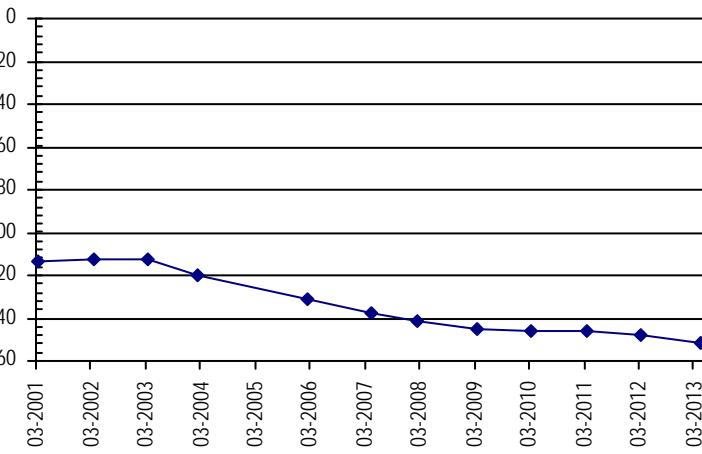
SOUTHERN HIGH PLAINS

Well Name:	SHP-47 TROY BISHOP				Owner:	TROY BISHOP		
Permit #:	19969 - FP				Location #:	SC03104714DC		
Division:	2				Water District:	66		
Location:	Q160	Q40	Q10	Section SE SW	Twnshp 31 S	Range 47 W	PM S	County: BACA
UTM Coordinates (NAD83):	Northing (UTM y):	4134848.0	Easting (UTM x):	705638.0	Distance from section lines: <i>Digitized</i>	From N/S line:	From E/W line:	
Latitude/Longitude (decimal degrees):		37.337566			-102.678706			
Surface Elevation (ft):	4590	Top Perforated Interval (ft):			Base of grout (ft):		Water Level Change	
Well depth (ft):	549	Bottom Perforated Interval (ft):					1 year:	
Aquifer(s):	OGALLALA						5 year:	
	DAKOTA						10 year:	

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	137.60	4452.40	-6.60
2/24/2008	141.00	4449.00	-3.40
3/9/2009	145.10	4444.90	-4.10
3/12/2010	146.50	4443.50	-1.40
3/12/2011	145.80	4444.20	0.70
3/15/2012	147.60	4442.40	-1.80
4/21/2013	151.40	4438.60	-3.80

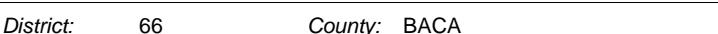
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/24/2007	91.30	4646.70	1.50
2/4/2008			
2/6/2009	92.10	4645.90	
2/24/2010			
4/12/2011	95.10	4642.90	
2/26/2012	91.80	4646.20	3.30
3/8/2013	94.30	4643.70	-2.50
3/25/2014	90.58	4647.42	3.72
2/18/2015	87.83	4650.17	2.75
3/8/2016			
2/27/2017	86.50	4651.50	

All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/24/2007	91.30	4646.70	1.50
2/4/2008			
2/6/2009	92.10	4645.90	
2/24/2010			
4/12/2011	95.10	4642.90	
2/26/2012	91.80	4646.20	3.30
3/8/2013	94.30	4643.70	-2.50
3/25/2014	90.58	4647.42	3.72
2/18/2015	87.83	4650.17	2.75
3/8/2016			
2/27/2017	86.50	4651.50	

All Historic Measurements

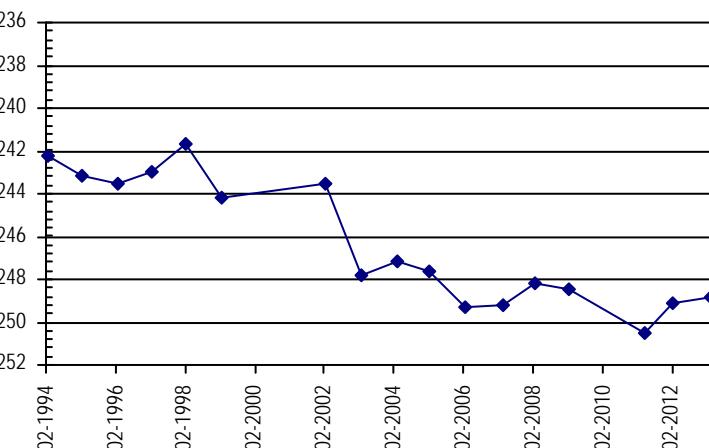


SOUTHERN HIGH PLAINS

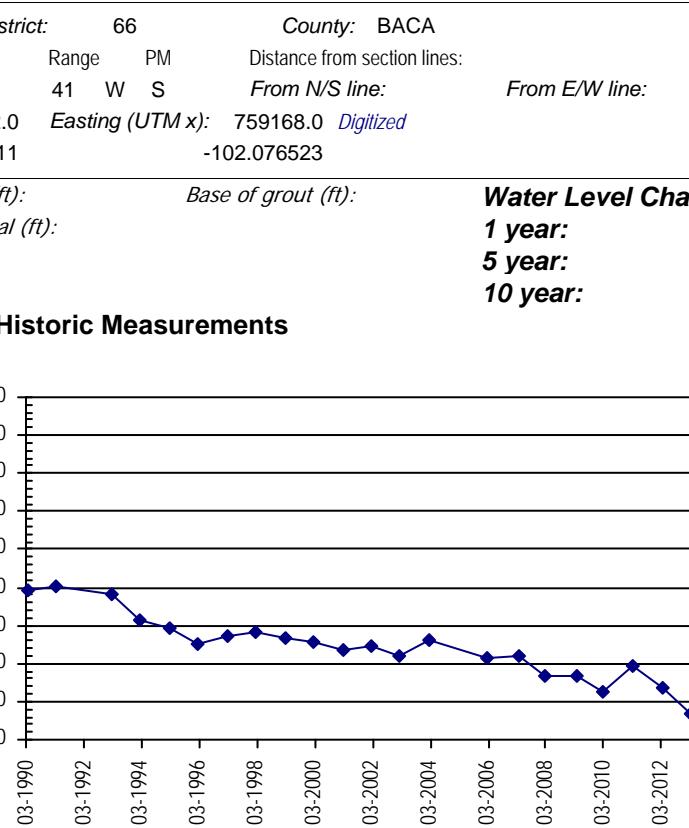
Well Name:	SHP-49 US FOREST SERVICE				Owner:	US FOREST SERVICE
Permit #:	115543 - -				Location #:	SC03105007ACC
Division:	2				Water District:	67
Location:	Q160	Q40	Q10	Section	Twnshp	Range
	NE	SW	SW	7	31	S
UTM Coordinates (NAD83):	Northing (UTM y):	4136465.0	Easting (UTM x):	670348.8	From N/S line:	GPS
Latitude/Longitude (decimal degrees):		37.359278			-103.076462	
Surface Elevation (ft):	5193	Top Perforated Interval (ft):		Base of grout (ft):	Water Level Change	
Well depth (ft):	250	Bottom Perforated Interval (ft):			1 year:	
Aquifer(s):	DAKOTA				5 year:	
	CHEYENNE				10 year:	

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/24/2007	249.20	4943.80	0.10
2/8/2008	248.20	4944.80	1.00
2/6/2009	248.50	4944.50	-0.30
1/1/2010			
4/13/2011	250.50	4942.50	
2/25/2012	249.10	4943.90	1.40
3/8/2013	248.80	4944.20	0.30
3/25/2014			
2/17/2015			
3/7/2016			
2/27/2017			

All Historic Measurements

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/21/2007	136.50	3555.50	1.00
2/22/2008	146.00	3546.00	-9.50
3/3/2009	147.00	3545.00	-1.00
2/26/2010	154.50	3537.50	-7.50
3/6/2011	141.20	3550.80	13.30
3/6/2012	152.60	3539.40	-11.40
3/3/2013	166.90	3525.10	-14.30

All Historic Measurements


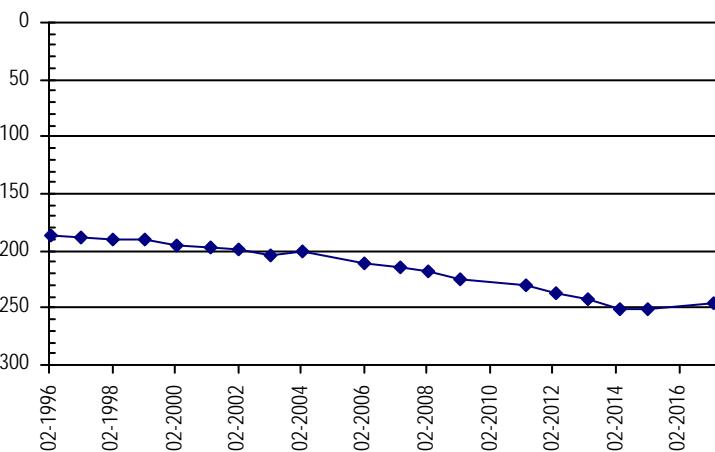
SOUTHERN HIGH PLAINS

Well Name:	SHP-51 CECIL TRAHERN				Owner:	CECIL TRAHERN
Permit #:	18035 - FP				USGS Site ID:	
Division:	2				Water District:	66
Location:	Q160 Q40 Q10 Section SW SE 4				Twntysh Range PM 32 S 42 W S	County: BACA Distance from section lines: From N/S line: From E/W line:
UTM Coordinates (NAD83):	Northing (UTM y):		4130102.0	Easting (UTM x):	751649.0	GPS
Latitude/Longitude (decimal degrees):	37.283513				-102.161460	
Surface Elevation (ft):	4100	Top Perforated Interval (ft):	200	Base of grout (ft):	Water Level Change	
Well depth (ft):	424	Bottom Perforated Interval (ft):			1 year:	
Aquifer(s):	DOCKUM				5 year:	-8.83
					10 year:	-30.63

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/3/2007	215.20	3884.80	-4.00
2/22/2008	218.50	3881.50	-3.30
2/16/2009	225.00	3875.00	-6.50
1/1/2010			
3/6/2011	229.50	3870.50	
3/6/2012	237.00	3863.00	-7.50
3/2/2013	243.20	3856.80	-6.20
3/19/2014	251.01	3848.99	-7.81
2/18/2015	250.79	3849.21	0.22
3/8/2016			
3/1/2017	245.83	3854.17	

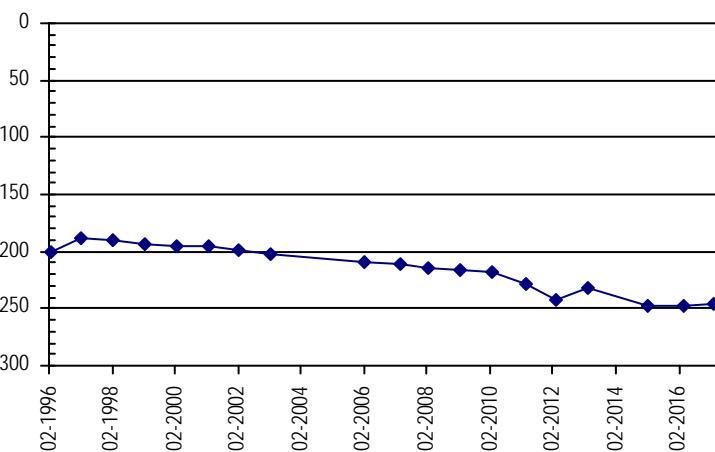
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/2007	210.80	3617.20	-2.20
2/22/2008	214.40	3613.60	-3.60
2/16/2009	216.80	3611.20	-2.40
2/26/2010	218.00	3610.00	-1.20
3/6/2011	228.70	3599.30	-10.70
3/10/2012	242.00	3586.00	-13.30
3/2/2013	232.70	3595.30	9.30
3/19/2014			
2/18/2015	247.32	3580.68	
3/8/2016	247.22	3580.78	0.10
3/1/2017	246.74	3581.26	0.48

All Historic Measurements



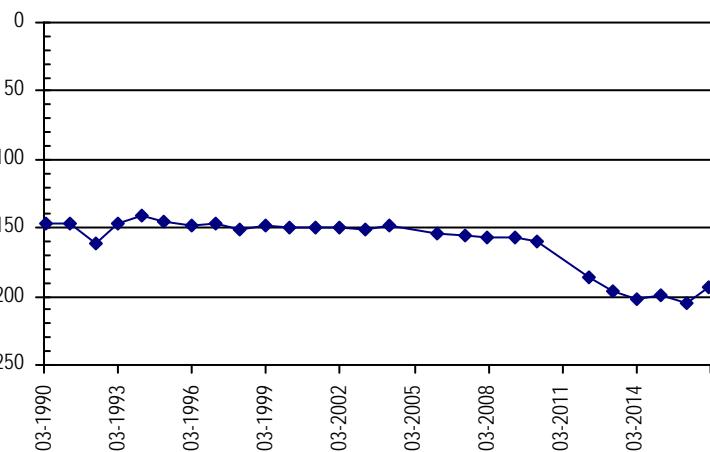
SOUTHERN HIGH PLAINS

Well Name:	SHP-53 HUME, CHESNA				Owner:	HUME, CHESNA	
Permit #:	13925 - FP -				Location #:	SC03204235DCB	
Division:	2				Water District:	66	
Location:	Q160 Q40 Q10 Section SE SW NW 35				Twnshp Range PM	County: BACA Distance from section lines: From N/S line: From E/W line:	
UTM Coordinates (NAD83):	Northing (UTM y): 4122098.0				Easting (UTM x): 755374.0	GPS	
Latitude/Longitude (decimal degrees):	37.210442				-102.122234		
Surface Elevation (ft):	3759	Top Perforated Interval (ft):	81	Base of grout (ft):		Water Level Change	
Well depth (ft):	408	Bottom Perforated Interval (ft):	408			1 year:	11.95
Aquifer(s):	OGALLALA					5 year:	-7.49
	DAKOTA					10 year:	-38.09

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	154.90	3604.10	-0.20
2/22/2008	156.90	3602.10	-2.00
3/8/2009	157.30	3601.70	-0.40
2/26/2010	159.30	3599.70	-2.00
3/6/2011			
3/9/2012	185.50	3573.50	
3/3/2013	195.70	3563.30	-10.20
3/19/2014	202.76	3556.24	-7.06
2/18/2015	198.94	3560.06	3.82
3/8/2016	204.94	3554.06	-6.00
2/28/2017	192.99	3566.01	11.95

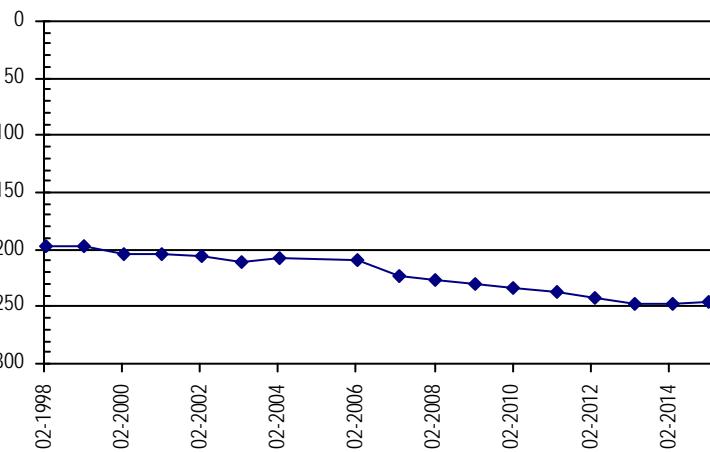
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/2007	223.30	3614.70	-14.70
2/22/2008	226.30	3611.70	-3.00
2/15/2009	229.50	3608.50	-3.20
2/26/2010	233.00	3605.00	-3.50
3/5/2011	236.50	3601.50	-3.50
3/10/2012	242.00	3596.00	-5.50
3/2/2013	248.00	3590.00	-6.00
3/19/2014	247.03	3590.97	0.97
2/18/2015	245.14	3592.86	1.89
3/8/2016			
3/1/2017			

All Historic Measurements



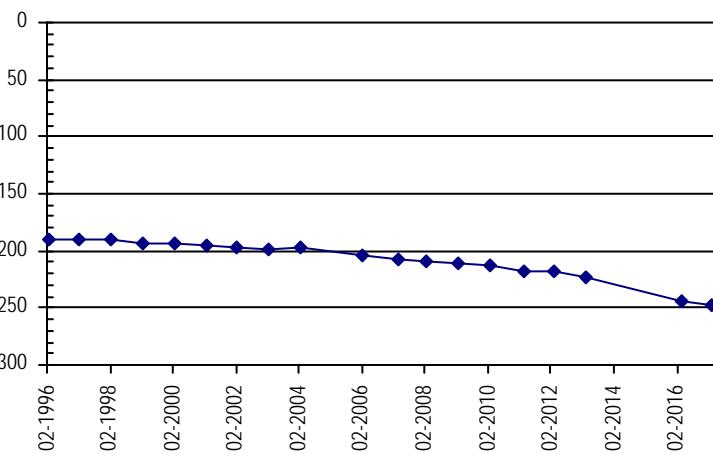
SOUTHERN HIGH PLAINS

Well Name:	SHP-55 JIM BURHN				Owner:	JIM BURHN	
Permit #:	20402 - FP				Location #:	SC03204312CDC	
Division:	2				Water District:	66	County: BACA
Location:	Q160	Q40	Q10	Section SW SW 12	Twnshp 32 S	Range 43 W	PM S Distance from section lines: From N/S line: From E/W line:
UTM Coordinates (NAD83):	Northing (UTM y):	4127987.0	Easting (UTM x):	746731.0	GPS		
Latitude/Longitude (decimal degrees):		37.265788			-102.217574		
Surface Elevation (ft):	3838	Top Perforated Interval (ft):			Base of grout (ft):		Water Level Change
Well depth (ft):	555	Bottom Perforated Interval (ft):					1 year: -3.16
Aquifer(s):	DOCKUM ALL UNNAMED AQUIFERS						5 year: -28.71
							10 year: -40.51

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/2007	206.70	3631.30	-2.00
2/22/2008	209.50	3628.50	-2.80
2/16/2009	211.00	3627.00	-1.50
2/26/2010	212.00	3626.00	-1.00
3/6/2011	217.50	3620.50	-5.50
3/10/2012	218.50	3619.50	-1.00
3/2/2013	223.50	3614.50	-5.00
3/19/2014			
2/18/2015			
3/8/2016	244.05	3593.95	
3/1/2017	247.21	3590.79	-3.16

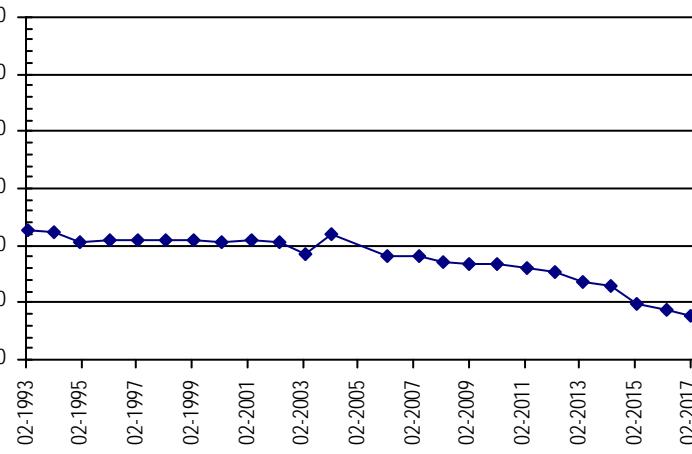
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	83.50	4083.50	0.00
2/24/2008	85.80	4081.20	-2.30
2/15/2009	86.50	4080.50	-0.70
2/28/2010	86.80	4080.20	-0.30
3/12/2011	88.20	4078.80	-1.40
3/19/2012	89.40	4077.60	-1.20
3/2/2013	92.50	4074.50	-3.10
3/20/2014	94.41	4072.59	-1.91
2/19/2015	100.66	4066.34	-6.25
3/9/2016	102.84	4064.16	-2.18
2/28/2017	104.40	4062.60	-1.56

All Historic Measurements



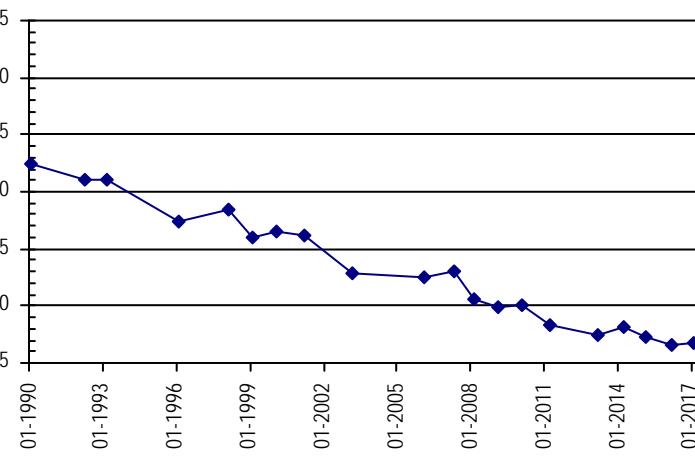
SOUTHERN HIGH PLAINS

Well Name:	SHP-57 TURNER				Owner:	TURNER	
Permit #:	10704 - FP -				Location #:	SC03204512CCC	
Division:	2				Water District:	66	
Location:	Q160 Q40 Q10 Section SW SW SW 12				Twnshp Range PM	County: BACA Distance from section lines: From N/S line: From E/W line:	
UTM Coordinates (NAD83):	Northing (UTM y):		4127430.0		Easting (UTM x):	726918.0 GPS	
Latitude/Longitude (decimal degrees):	37.265812					-102.440966	
Surface Elevation (ft):	4180		Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change
Well depth (ft):	180		Bottom Perforated Interval (ft):				1 year: 0.17
Aquifer(s):	OGALLALA						
							5 year:
							10 year: -6.21

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	97.00	4083.00	0.50
2/24/2008	99.50	4080.50	-2.50
2/15/2009	100.20	4079.80	-0.70
2/28/2010	100.00	4080.00	0.20
3/12/2011	101.60	4078.40	-1.60
3/19/2012			
3/3/2013	102.50	4077.50	
3/20/2014	101.92	4078.08	0.58
2/19/2015	102.80	4077.20	-0.88
3/9/2016	103.38	4076.62	-0.58
2/28/2017	103.21	4076.79	0.17

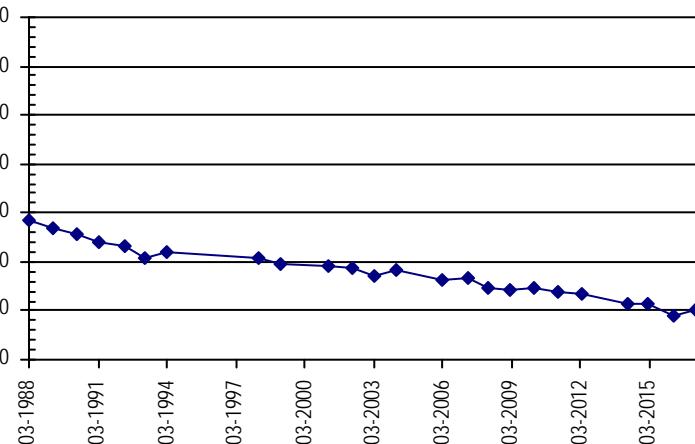
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	106.50	4114.50	0.80
2/24/2008	110.50	4110.50	-4.00
2/15/2009	111.70	4109.30	-1.20
2/28/2010	111.00	4110.00	0.70
3/12/2011	112.60	4108.40	-1.60
3/19/2012	113.40	4107.60	-0.80
3/2/2013			
3/20/2014	116.83	4104.17	
2/19/2015	117.55	4103.45	-0.72
3/9/2016	121.80	4099.20	-4.25
2/28/2017	119.85	4101.15	1.95

All Historic Measurements



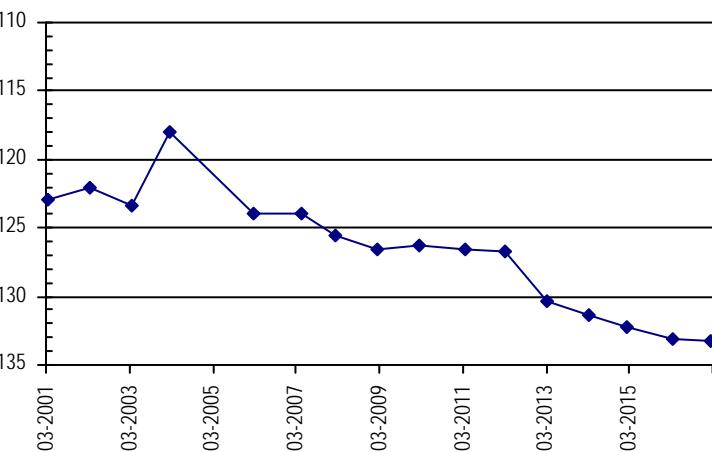
SOUTHERN HIGH PLAINS

Well Name:	SHP-59 LMS				Owner:	LMS		
Permit #:	5344 - F				Location #: SC03204519CC			
Division:	2				Water District:	66		
Location:	Q160	Q40	Q10	Section SW SW	Twnshp 32 S	Range 45 W	PM S	County: BACA
UTM Coordinates (NAD83):	Northing (UTM y):	4123923.6	Easting (UTM x):	718321.8	From N/S line:	GPS		
Latitude/Longitude (decimal degrees):	37.236290	-102.538853						
Surface Elevation (ft):	4320	Top Perforated Interval (ft):		Base of grout (ft):	Water Level Change			
Well depth (ft):	220	Bottom Perforated Interval (ft):			1 year:	-0.13		
Aquifer(s):	OGALLALA	Kdp			5 year:	-6.57		
					10 year:	-9.27		

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	124.00	4196.00	0.00
2/24/2008	125.50	4194.50	-1.50
2/14/2009	126.50	4193.50	-1.00
2/28/2010	126.30	4193.70	0.20
3/10/2011	126.50	4193.50	-0.20
3/19/2012	126.70	4193.30	-0.20
3/2/2013	130.30	4189.70	-3.60
3/21/2014	131.40	4188.60	-1.10
2/19/2015	132.31	4187.69	-0.91
3/9/2016	133.14	4186.86	-0.83
2/28/2017	133.27	4186.73	-0.13

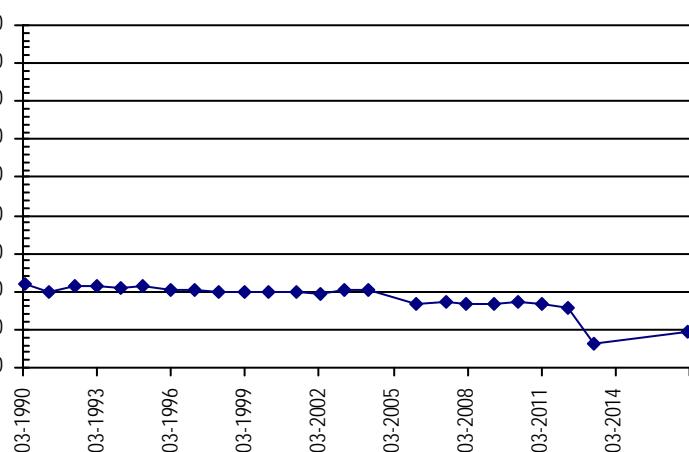
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	145.20	4258.80	1.00
2/24/2008	146.00	4258.00	-0.80
3/9/2009	147.00	4257.00	-1.00
3/12/2010	145.30	4258.70	1.70
3/5/2011	146.60	4257.40	-1.30
3/15/2012	148.20	4255.80	-1.60
4/21/2013	167.50	4236.50	-19.30
3/20/2014			
2/19/2015			
3/9/2016			
2/28/2017	161.23	4242.77	

All Historic Measurements



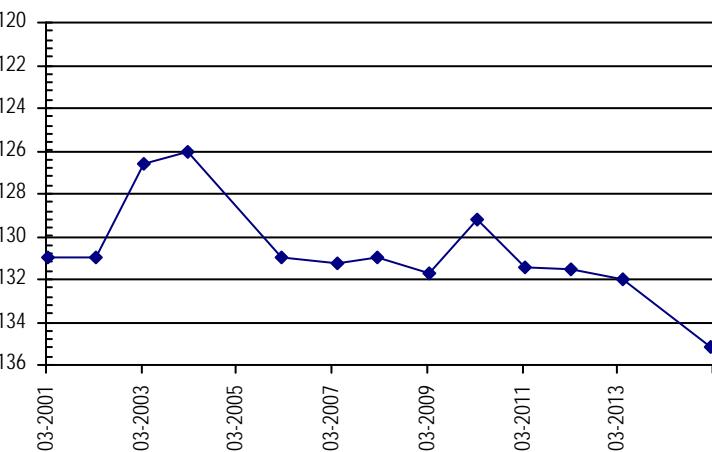
SOUTHERN HIGH PLAINS

Well Name:	SHP-61 SC03204732CD				Owner:	
Permit #:	SC03204732AC				USGS Site ID:	
Division:	2		Water District:	66	County:	BACA
Location:	Q160 Q40 Q10	Section	Twnshp	Range	PM	Distance from section lines:
	NE SW	32	32 S	47 W	S	From N/S line: From E/W line:
UTM Coordinates (NAD83):	Northing (UTM y):	4121354.3	Easting (UTM x):	701199.0	GPS	
Latitude/Longitude (decimal degrees):		37.217002		-102.732429		
Surface Elevation (ft):		Top Perforated Interval (ft):		Base of grout (ft):		Water Level Change
Well depth (ft):	270	Bottom Perforated Interval (ft):				1 year:
Aquifer(s):	DAKOTA					5 year:
						10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	131.30		-0.30
2/24/2008	131.00		0.30
3/9/2009	131.70		-0.70
3/12/2010	129.20		2.50
3/5/2011	131.40		-2.20
3/15/2012	131.50		-0.10
4/21/2013	132.00		-0.50
3/26/2014			
2/18/2015	135.14		
3/8/2016			
2/27/2017			

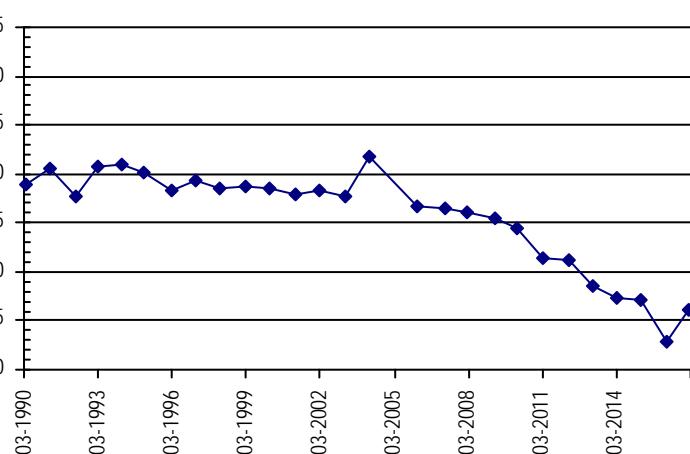
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	133.50	3621.50	-0.10
2/22/2008	134.00	3621.00	-0.50
3/8/2009	134.60	3620.40	-0.60
2/26/2010	135.50	3619.50	-0.90
3/6/2011	138.70	3616.30	-3.20
3/9/2012	138.90	3616.10	-0.20
3/3/2013	141.50	3613.50	-2.60
3/19/2014	142.69	3612.31	-1.19
2/18/2015	142.94	3612.06	-0.25
3/8/2016	147.22	3607.78	-4.28
2/28/2017	143.82	3611.18	3.40

All Historic Measurements



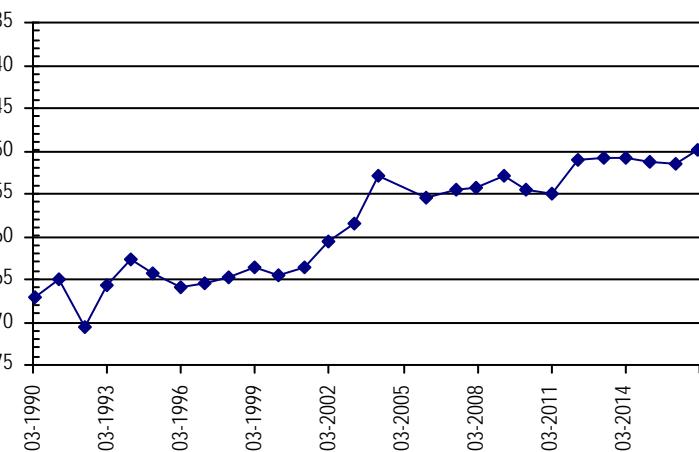
SOUTHERN HIGH PLAINS

Well Name:	SHP-63 MIDWAY TRUST				Owner:	MIDWAY TRUST	
Permit #:	21235 - FP				Location #:	SC03304313DC	
Division:	2				Water District:	66	County: BACA
Location:	Q160	Q40	Q10	Section SE SW	Twnshp 33 S	Range 43 W	PM S
UTM Coordinates (NAD83):	Northing (UTM y):	4116841.5	Easting (UTM x):	747450.3	From N/S line:	GPS	Distance from section lines:
Latitude/Longitude (decimal degrees):		37.165250			-102.213168		
Surface Elevation (ft):	3880	Top Perforated Interval (ft):			Base of grout (ft):		Water Level Change
Well depth (ft):	420	Bottom Perforated Interval (ft):					1 year: 1.84
Aquifer(s):	DOCKUM						5 year: 1.23
							10 year: 4.83

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	154.60	3725.40	0.80
2/26/2008	154.20	3725.80	0.40
3/8/2009	153.00	3727.00	1.20
2/27/2010	154.50	3725.50	-1.50
3/12/2011	155.00	3725.00	-0.50
3/19/2012	151.00	3729.00	4.00
4/20/2013	150.90	3729.10	0.10
3/26/2014	150.86	3729.14	0.04
2/18/2015	151.18	3728.82	-0.32
3/8/2016	151.61	3728.39	-0.43
2/28/2017	149.77	3730.23	1.84

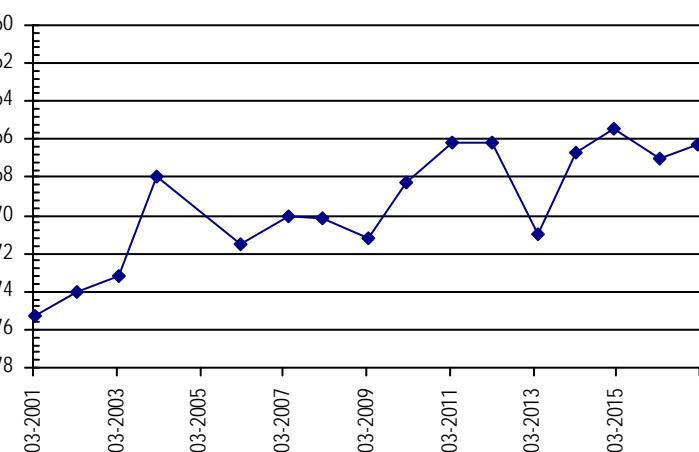
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	170.00	3815.00	1.50
2/23/2008	170.20	3814.80	-0.20
3/9/2009	171.20	3813.80	-1.00
2/27/2010	168.30	3816.70	2.90
3/6/2011	166.20	3818.80	2.10
3/19/2012	166.20	3818.80	0.00
4/21/2013	171.00	3814.00	-4.80
3/26/2014	166.67	3818.33	4.33
2/18/2015	165.45	3819.55	1.22
3/8/2016	167.06	3817.94	-1.61
2/28/2017	166.32	3818.68	0.74

All Historic Measurements



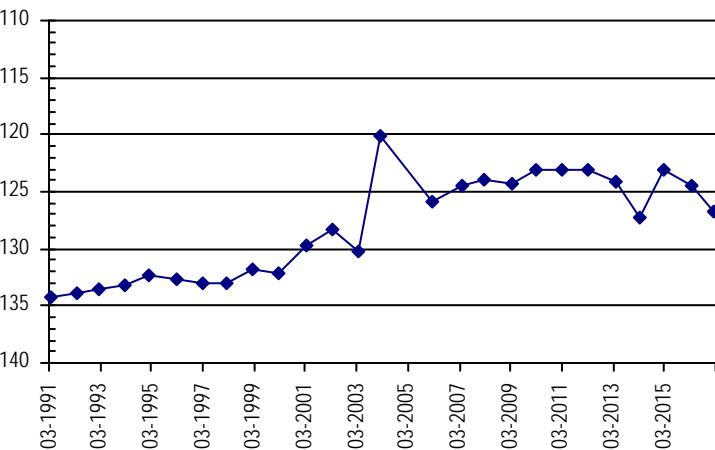
SOUTHERN HIGH PLAINS

Well Name:	SHP-65 U.S.FOREST SERVICE				Owner:	U.S.FOREST SERVICE				
Permit #:	128624 - -				Location #:	SC03304417CBA				
Division:	2				Water District:	66	County: BACA			
Location:	Q160	Q40	Q10	Section SW NW NE 17	Twnshp 33 S	Range 44 W S	PM From N/S line: From E/W line:			
UTM Coordinates (NAD83):	Northing (UTM y):		4116908.5	Easting (UTM x):		729723.0	GPS			
Latitude/Longitude (decimal degrees):	37.170379				-102.412603					
Surface Elevation (ft):	4130	Top Perforated Interval (ft):			Base of grout (ft):		Water Level Change			
Well depth (ft):	240	Bottom Perforated Interval (ft):					1 year: -2.16			
Aquifer(s):	DAKOTA						5 year: -3.57			
							10 year: -2.22			

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	124.45	4005.55	1.40
2/23/2008	124.00	4006.00	0.45
3/9/2009	124.35	4005.65	-0.35
2/27/2010	123.15	4006.85	1.20
3/6/2011	123.00	4007.00	0.15
3/19/2012	123.10	4006.90	-0.10
4/21/2013	124.10	4005.90	-1.00
3/25/2014	127.30	4002.70	-3.20
2/18/2015	123.15	4006.85	4.15
3/8/2016	124.51	4005.49	-1.36
2/28/2017	126.67	4003.33	-2.16

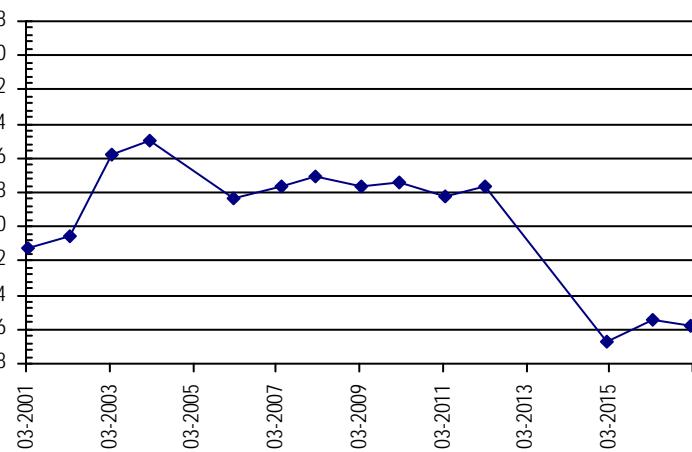
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/1/2007	107.70	4092.30	0.70
2/24/2008	107.10	4092.90	0.60
3/9/2009	107.70	4092.30	-0.60
2/27/2010	107.40	4092.60	0.30
3/6/2011	108.20	4091.80	-0.80
3/19/2012	107.60	4092.40	0.60
4/20/2013			
3/25/2014			
2/18/2015	116.74	4083.26	
3/8/2016	115.43	4084.57	1.31
2/28/2017	115.79	4084.21	-0.36

All Historic Measurements



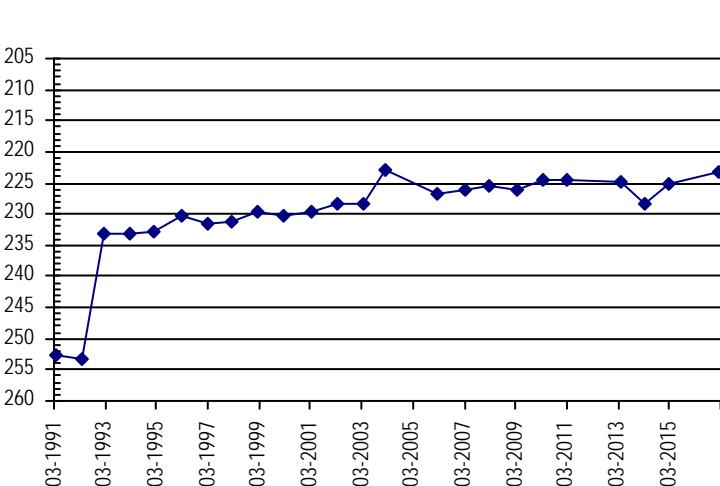
SOUTHERN HIGH PLAINS

Well Name:	SHP-67 FARMERS HOME ADMTN.				Owner:	FARMERS HOME ADMTN.
Permit #:	19813 - FP -				Location #:	SC03304626BBB
Division:	2				Water District:	66
Location:	Q160 Q40 Q10 Section NW NW NW 26				Twnshp Range PM 33 S 46 W S	County: BACA Distance from section lines: From N/S line: From E/W line:
UTM Coordinates (NAD83):	Northing (UTM y): 4114077.5				Easting (UTM x): 715155.8	GPS
Latitude/Longitude (decimal degrees):	37.148351				-102.577351	
Surface Elevation (ft):	4340	Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change
Well depth (ft):	380	Bottom Perforated Interval (ft):				1 year:
Aquifer(s):	CHEYENNE					5 year:
						10 year:
						2.72

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	226.10	4113.90	0.80
2/24/2008	225.50	4114.50	0.60
3/9/2009	226.10	4113.90	-0.60
3/12/2010	224.50	4115.50	1.60
3/13/2011	224.50	4115.50	0.00
3/15/2012			
4/21/2013	224.80	4115.20	
3/25/2014	228.19	4111.81	-3.39
2/17/2015	225.29	4114.71	2.90
3/8/2016			
2/28/2017	223.38	4116.62	

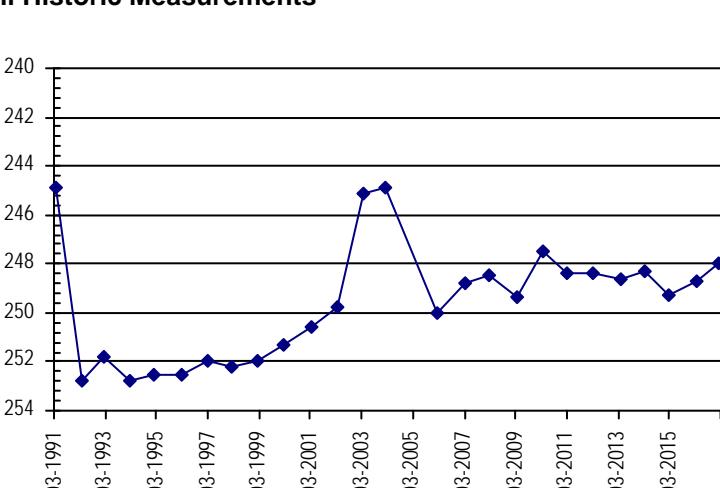
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	248.80	4186.20	1.20
2/24/2008	248.50	4186.50	0.30
3/9/2009	249.40	4185.60	-0.90
3/12/2010	247.50	4187.50	1.90
3/13/2011	248.40	4186.60	-0.90
3/15/2012	248.40	4186.60	0.00
4/20/2013	248.60	4186.40	-0.20
3/25/2014	248.29	4186.71	0.31
2/18/2015	249.25	4185.75	-0.96
3/8/2016	248.71	4186.29	0.54
2/27/2017	247.94	4187.06	0.77

All Historic Measurements



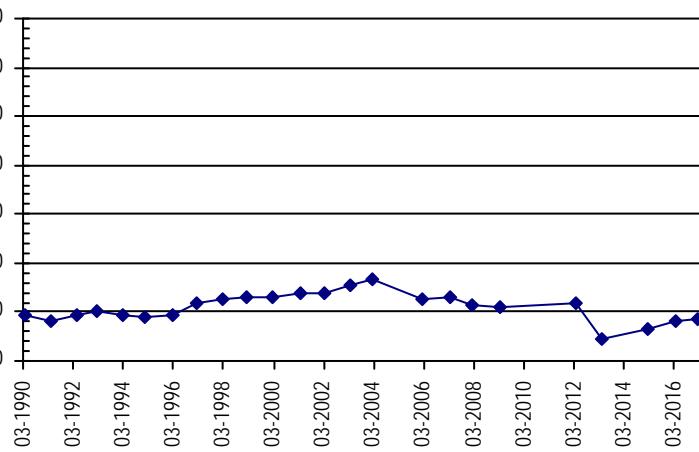
SOUTHERN HIGH PLAINS

Well Name:	SHP-69 RAY SIKES				Owner:	RAY SIKES
Permit #:	15029 - F				Location #:	SC03305006CAD
Division:	2				Water District:	66
Location:	Q160	Q40	Q10	Section	Twnshp	Range PM
	SW	NE	SE	6	33	S 50 W S
UTM Coordinates (NAD83):	Northing (UTM y):	4118438.8	Easting (UTM x):	670616.6	GPS	
Latitude/Longitude (decimal degrees):		37.196832		-103.077575		
Surface Elevation (ft):	5001	Top Perforated Interval (ft):		Base of grout (ft):		Water Level Change
Well depth (ft):	140	Bottom Perforated Interval (ft):				1 year: 0.26
Aquifer(s):	DAKOTA					5 year: -3.23
	CHEYENNE					10 year: -4.43

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	57.00	4944.00	0.20
2/24/2008	58.75	4942.25	-1.75
3/9/2009	59.20	4941.80	-0.45
3/13/2011			
3/15/2012	58.20	4942.80	
4/20/2013	65.40	4935.60	-7.20
3/25/2014			
2/17/2015	63.32	4937.68	
3/7/2016	61.69	4939.31	1.63
2/27/2017	61.43	4939.57	0.26

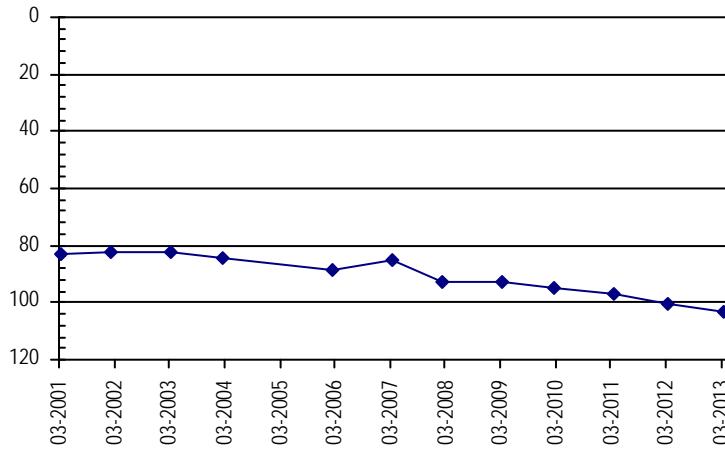
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	85.00		3.50
2/23/2008	92.50		-7.50
3/8/2009	92.50		0.00
2/27/2010	95.00		-2.50
3/6/2011	96.80		-1.80
3/9/2012	100.20		-3.40
3/3/2013	103.10		-2.90
3/25/2014			
2/28/2017			

All Historic Measurements



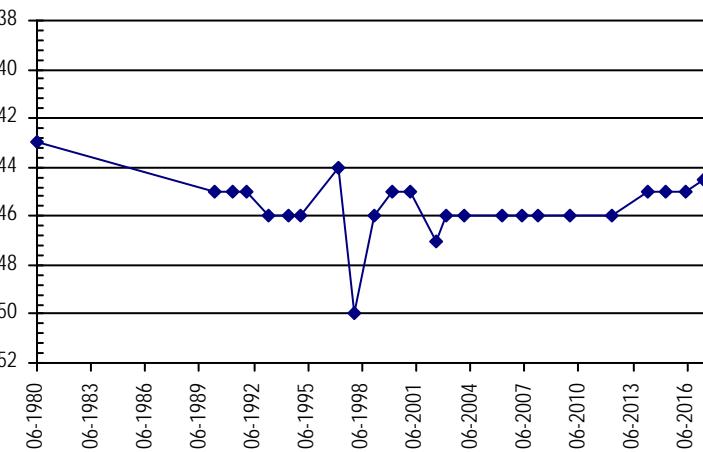
SOUTHERN HIGH PLAINS

Well Name:	SHP-71 COLOINTRST.GAS 1				Owner:	COLOINTRST.GAS			
Permit #:	112906 - -				Location #:	SC03404205ADA1			
Division:	2				Water District:	66			
Location:	Q160 Q40 Q10 Section NE SE NE 5				Twnshp Range PM	County: BACA			
UTM Coordinates (NAD83):	Northing (UTM y): 4111405.8				Easting (UTM x): 750365.7	Spotted from quarters			
Latitude/Longitude (decimal degrees):	37.115532				-102.182190				
Surface Elevation (ft):	3828	Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change			
Well depth (ft):	394	Bottom Perforated Interval (ft):				1 year: 0.50			
Aquifer(s):	DOCKUM					5 year: 1.50			
						10 year: 1.50			

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/4/2007	146.00	3682.00	0.00
2/27/2008	146.00	3682.00	0.00
1/1/2009			
12/16/2009	146.00	3682.00	
3/3/2011			
3/21/2012	146.00	3682.00	
3/1/2013			
4/30/2014	145.00	3683.00	
3/25/2015	145.00	3683.00	0.00
4/12/2016	145.00	3683.00	0.00
4/26/2017	144.50	3683.50	0.50

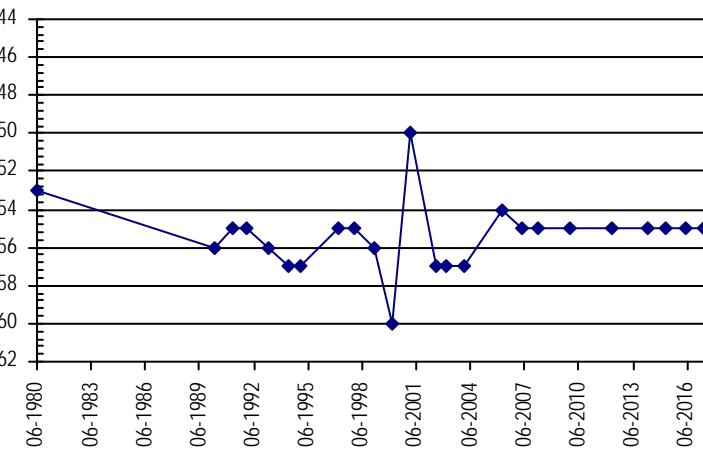
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
4/4/2007	155.00	3671.00	-1.00
2/27/2008	155.00	3671.00	0.00
1/1/2009			
12/16/2009	155.00	3671.00	
3/3/2011			
3/21/2012	155.00	3671.00	
4/30/2014	155.00	3671.00	0.00
3/25/2015	155.00	3671.00	0.00
4/12/2016	155.00	3671.00	0.00
4/26/2017	155.00	3671.00	0.00

All Historic Measurements



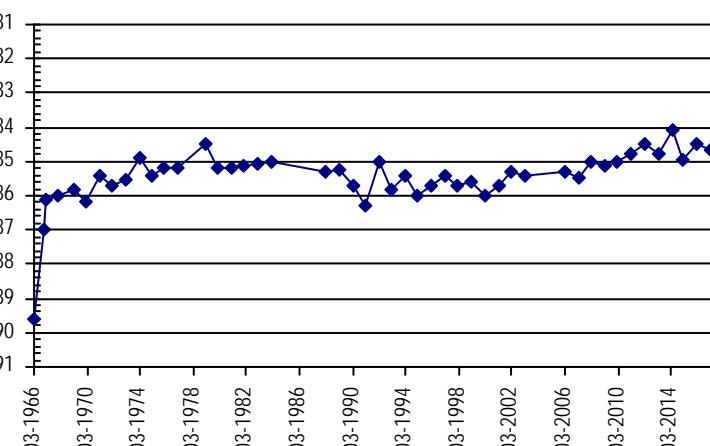
SOUTHERN HIGH PLAINS

Well Name:	SHP-73 WRAY, P.&A.				Owner:	WRAY, P.&A.
Permit #:	123684 - -				Location #:	SC03404205DAD
Division:	2				Water District:	66
Location:	Q160	Q40	Q10	Section	Twnshp	Range PM
	SE	NE	SE	5	34	S 42 W S
UTM Coordinates (NAD83):	Northing (UTM y):	4110823.2	Easting (UTM x):	750235.0	From N/S line:	GPS
Latitude/Longitude (decimal degrees):		37.110324			-102.183851	
Surface Elevation (ft):	3759.59	Top Perforated Interval (ft):		Base of grout (ft):	Water Level Change	
Well depth (ft):	150	Bottom Perforated Interval (ft):			1 year:	-0.16
Aquifer(s):	DOCKUM				5 year:	-0.15
					10 year:	0.85

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	85.50	3674.09	-0.20
2/23/2008	85.00	3674.59	0.50
3/8/2009	85.10	3674.49	-0.10
2/27/2010	85.00	3674.59	0.10
3/6/2011	84.80	3674.79	0.20
3/19/2012	84.50	3675.09	0.30
4/20/2013	84.80	3674.79	-0.30
3/26/2014	84.07	3675.52	0.73
2/17/2015	84.94	3674.65	-0.87
3/7/2016	84.49	3675.10	0.45
2/28/2017	84.65	3674.94	-0.16

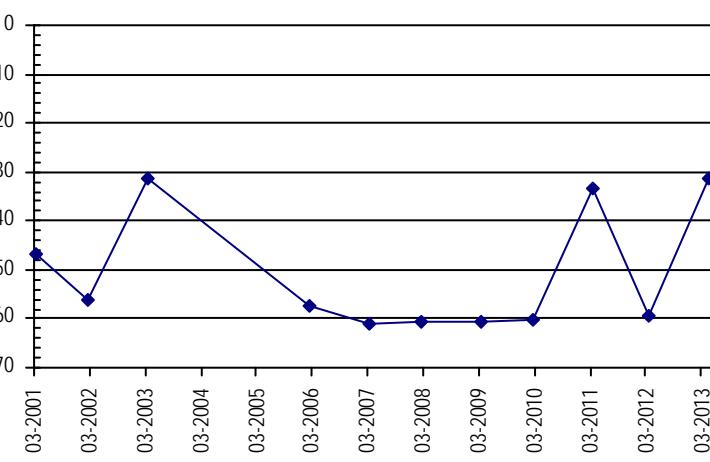
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/21/2007	61.00		-3.50
2/23/2008	60.50		0.50
3/8/2009	60.60		-0.10
2/27/2010	60.20		0.40
3/6/2011	33.20		27.00
3/19/2012	59.50		-26.30
4/20/2013	31.50		28.00
3/25/2014			
3/7/2016			

All Historic Measurements

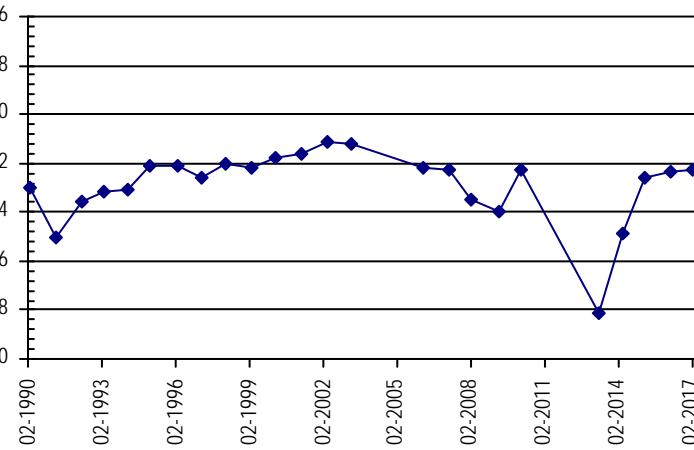


SOUTHERN HIGH PLAINS

Well Name:	SHP-75 ALLEY LAND & CAT.				Owner:	ALLEY LAND & CAT.			
Permit #:	3232 - FP				Location #:	SC03404309CD			
Division:	2				Water District:	66			
Location:	Q160 Q40 Q10 Section SW SE 9				Twnshp Range PM	County: BACA			
UTM Coordinates (NAD83):	Northing (UTM y): 4108587.7				Easting (UTM x): 741552.6	GPS			
Latitude/Longitude (decimal degrees):	37.092475				-102.282181				
Surface Elevation (ft):	3965	Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change			
Well depth (ft):	365	Bottom Perforated Interval (ft):			1 year:	0.10			
Aquifer(s):	DOCKUM				5 year:				
					10 year:	0.07			

Measurements from last 10 years

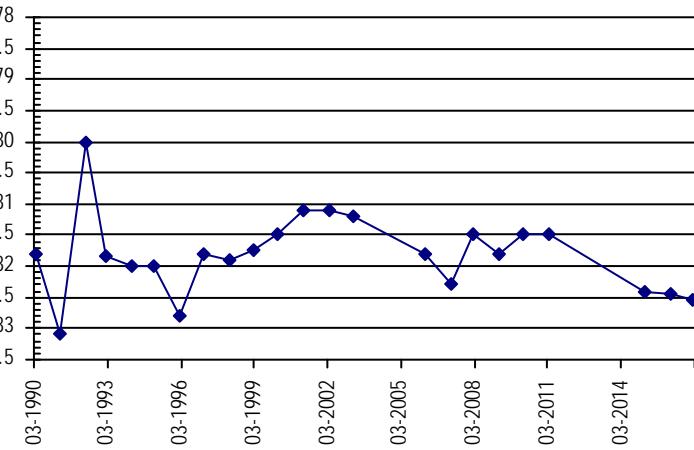
Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	102.30	3862.70	-0.10
2/23/2008	103.50	3861.50	-1.20
3/9/2009	104.00	3861.00	-0.50
2/27/2010	102.30	3862.70	1.70
3/6/2011			
3/19/2012			
4/20/2013	108.10	3856.90	
3/26/2014	104.84	3860.16	3.26
2/17/2015	102.60	3862.40	2.24
3/7/2016	102.33	3862.67	0.27
2/28/2017	102.23	3862.77	0.10

All Historic Measurements

Well Name: **SHP-76 ALLEY LAND & CATTLE**

Permit #:	29421 -	-	Location #:	SC03404320DD	Owner:	ALLEY LAND & CATTLE			
Division:	2		Water District:	66	County:	BACA			
Location:	Q160 Q40 Q10 Section SE SE 20		Twnshp Range PM		Distance from section lines:				
UTM Coordinates (NAD83):	Northing (UTM y): 4105113.3		Easting (UTM x): 739383.2	GPS	From N/S line:	From E/W line:			
Latitude/Longitude (decimal degrees):	37.061747		-102.307672						
Surface Elevation (ft):	3863	Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change			
Well depth (ft):	330	Bottom Perforated Interval (ft):			1 year:	-0.09			
Aquifer(s):	DOCKUM				5 year:				
					10 year:	-0.25			

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	82.30	3780.70	-0.50
2/23/2008	81.50	3781.50	0.80
3/9/2009	81.80	3781.20	-0.30
2/27/2010	81.50	3781.50	0.30
3/6/2011	81.50	3781.50	0.00
3/16/2012			
4/20/2013			
3/26/2014			
2/17/2015	82.40	3780.60	
3/7/2016	82.46	3780.54	-0.06
2/28/2017	82.55	3780.45	-0.09

All Historic Measurements


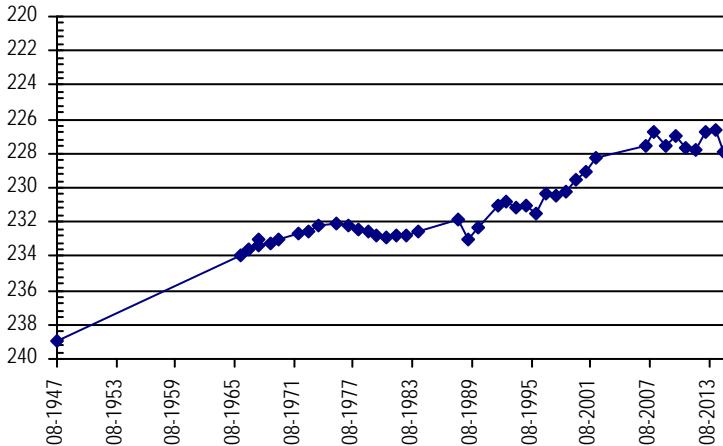
SOUTHERN HIGH PLAINS

Well Name:	SHP-77 HUME, M.&L.				Owner:	HUME, M.&L.
Permit #:	-				Location #:	SC03404508BBB
Division:	2				Water District:	66
Location:	Q160	Q40	Q10	Section	Twnshp	Range PM
	NW	NW	NW	8	34 S	45 W S
UTM Coordinates (NAD83):	Northing (UTM y):	4109366.0	Easting (UTM x):	720038.0	From N/S line:	GPS
Latitude/Longitude (decimal degrees):		37.104784			-102.523807	
Surface Elevation (ft):	4274.96	Top Perforated Interval (ft):		Base of grout (ft):	Water Level Change	
Well depth (ft):	250	Bottom Perforated Interval (ft):			1 year:	
Aquifer(s):	OGALLALA				5 year:	
					10 year:	

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	227.50	4047.46	
2/24/2008	226.70	4048.26	0.80
3/9/2009	227.50	4047.46	-0.80
3/12/2010	227.00	4047.96	0.50
3/13/2011	227.70	4047.26	-0.70
3/19/2012	227.80	4047.16	-0.10
4/21/2013	226.80	4048.16	1.00
3/25/2014	226.59	4048.37	0.21
2/17/2015	227.85	4047.11	-1.26
3/7/2016			
2/28/2017			

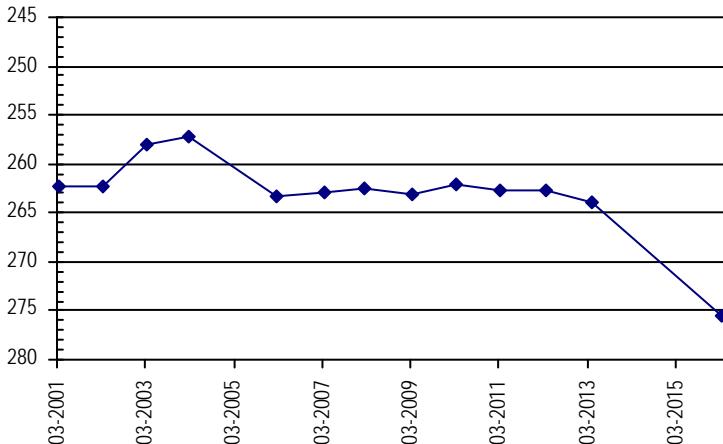
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	262.90		0.40
2/24/2008	262.50		0.40
3/9/2009	263.10		-0.60
3/12/2010	262.00		1.10
3/6/2011	262.70		-0.70
3/19/2012	262.70		0.00
4/20/2013	264.00		-1.30
3/25/2014			
2/17/2015			
3/7/2016	275.62		
2/28/2017			

All Historic Measurements



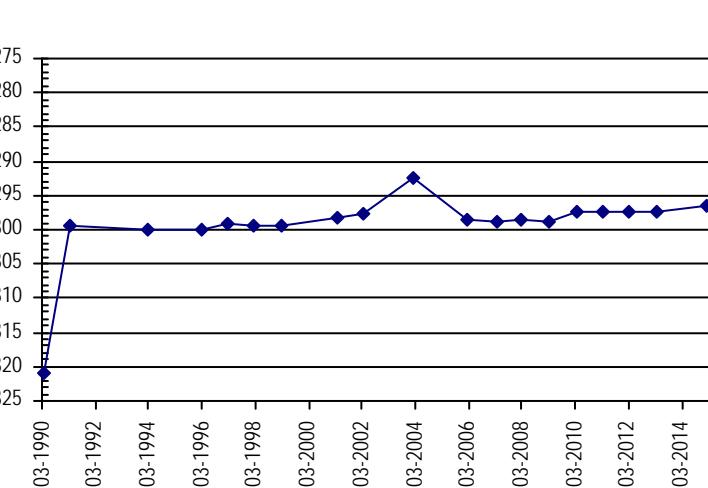
SOUTHERN HIGH PLAINS

Well Name:	SHP-79 ROGERS,C.& V.				Owner:	ROGERS,C.& V.			
Permit #:	49691 - -				Location #:	SC03404715CD			
Division:	2				Water District:	66			
Location:	Q160 Q40 Q10 Section SW SE 15				Twnshp Range PM	County: BACA			
UTM Coordinates (NAD83):	Northing (UTM y): 4107414.4				Easting (UTM x): 704691.7	GPS			
Latitude/Longitude (decimal degrees):	37.090687				-102.696907				
Surface Elevation (ft):	4483	Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change			
Well depth (ft):	345	Bottom Perforated Interval (ft):				1 year:			
Aquifer(s):	CHEYENNE					5 year:			
						10 year:			

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	298.80	4184.20	-0.20
2/24/2008	298.60	4184.40	0.20
3/9/2009	298.80	4184.20	-0.20
3/12/2010	297.50	4185.50	1.30
3/13/2011	297.30	4185.70	0.20
3/19/2012	297.50	4185.50	-0.20
3/19/2013	297.50	4185.50	0.00
3/25/2014			
2/17/2015	296.62	4186.38	
3/7/2016			
2/27/2017			

All Historic Measurements



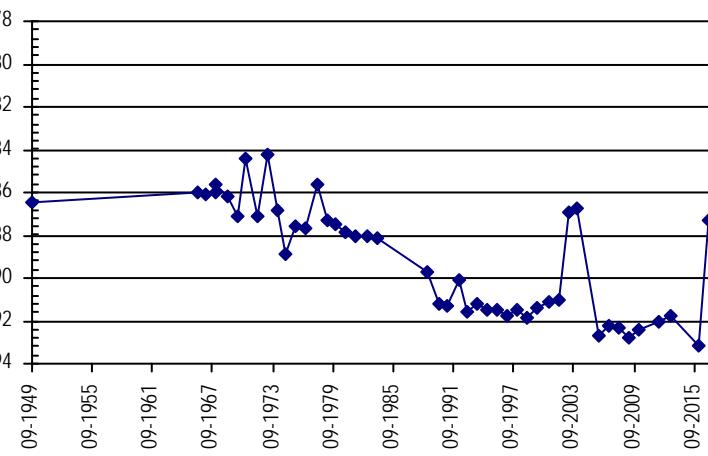
Well Name:	SHP-80 US GOVERNMENT				Owner:	US GOVERNMENT
Permit #:	127340 - -				Location #:	SC03404808BCC
Division:	2				Water District:	66
Location:	Q160 Q40 Q10 Section NW SW SW 8				Twnshp Range PM	County: BACA
UTM Coordinates (NAD83):	Northing (UTM y): 4108015.0				Easting (UTM x): 691190.0	GPS
Latitude/Longitude (decimal degrees):	37.098949				-102.848568	

Surface Elevation (ft):	4589.23	Top Perforated Interval (ft):			Base of grout (ft):	**Water Level Change**
Well depth (ft):	250	Bottom Perforated Interval (ft):				**1 year:** 5.82
Aquifer(s):	OGALLALA					**5 year:** 4.68
						10 year: 4.88

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	92.20	4497.03	0.50
2/24/2008	92.30	4496.93	-0.10
3/9/2009	92.80	4496.43	-0.50
3/12/2010	92.40	4496.83	0.40
3/13/2011			
3/15/2012	92.00	4497.23	
4/20/2013	91.80	4497.43	0.20
3/25/2014			
2/17/2015			
3/7/2016	93.14	4496.09	
2/27/2017	87.32	4501.91	5.82

All Historic Measurements



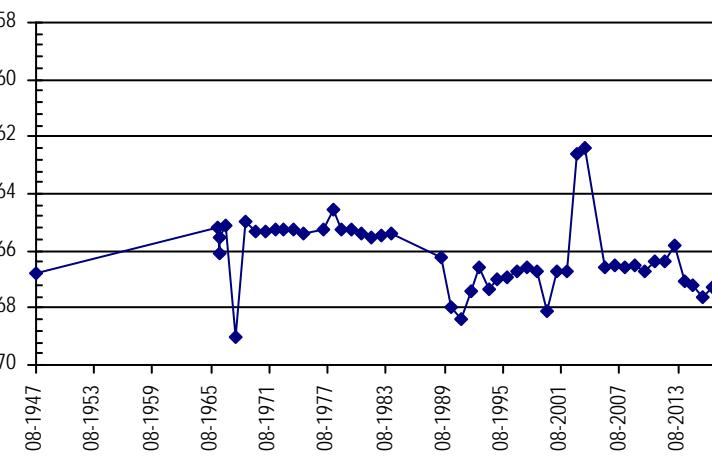
SOUTHERN HIGH PLAINS

Well Name:	SHP-81 USDA FOREST SERV.				Owner:	USDA FOREST SERV.	
Permit #:	127294 - - A				Location #:	SC03404826DDC	
Division:	2				Water District:	66	
Location:	Q160 Q40 Q10 Section SE SE SW 26				Twnshp Range PM	County: BACA Distance from section lines: From N/S line: From E/W line:	
UTM Coordinates (NAD83):	Northing (UTM y): 4102692.0				Easting (UTM x): 697228.0	GPS	
Latitude/Longitude (decimal degrees):	37.049750				-102.782066		
Surface Elevation (ft):	4532.15				Top Perforated Interval (ft): 80	Base of grout (ft):	Water Level Change
Well depth (ft):	100				Bottom Perforated Interval (ft): 100		1 year: 0.32
Aquifer(s):	DAKOTA						5 year: -0.91
							10 year: -0.81

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	66.50	4465.65	0.10
2/24/2008	66.60	4465.55	-0.10
3/9/2009	66.50	4465.65	0.10
3/12/2010	66.70	4465.45	-0.20
3/13/2011	66.40	4465.75	0.30
3/15/2012	66.40	4465.75	0.00
4/21/2013	65.80	4466.35	0.60
3/25/2014	67.09	4465.06	-1.29
2/17/2015	67.21	4464.94	-0.12
3/7/2016	67.63	4464.52	-0.42
2/27/2017	67.31	4464.84	0.32

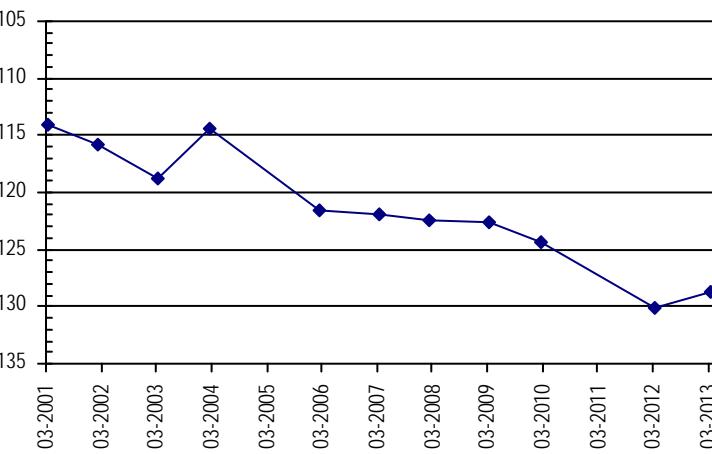
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	122.00		-0.50
2/23/2008	122.50		-0.50
3/8/2009	122.60		-0.10
2/27/2010	124.30		-1.70
3/6/2011			
3/9/2012	130.10		
3/3/2013	128.80		1.30
3/25/2014			

All Historic Measurements



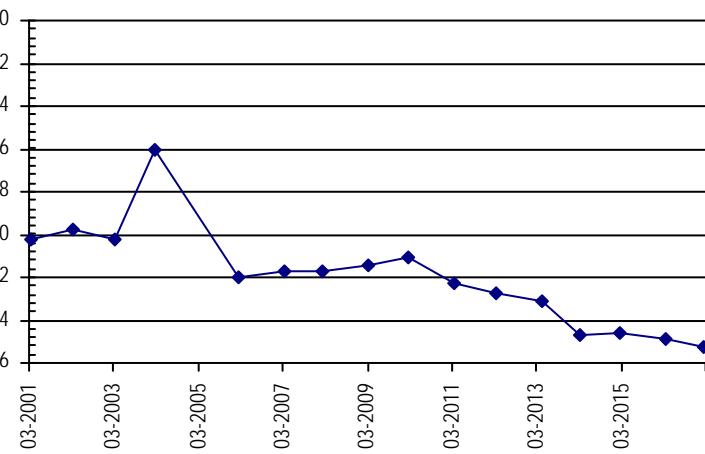
SOUTHERN HIGH PLAINS

Well Name:	SHP-83 RAY GLOVER				Owner:	RAY GLOVER	
Permit #:	5333 - F				Location #:	SC03504306CD	
Division:	2				Water District:	66	
Location:	Q160 Q40 Q10 Section SW SE 6				Twnshp Range PM	County: BACA Distance from section lines: From N/S line: From E/W line:	
UTM Coordinates (NAD83):	Northing (UTM y):		4100408.3		Easting (UTM x):	738380.2 GPS	
Latitude/Longitude (decimal degrees):	37.019636					-102.320432	
Surface Elevation (ft):	3880		Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change
Well depth (ft):	150		Bottom Perforated Interval (ft):				1 year: -0.36
Aquifer(s):	DOCKUM						
							5 year: -2.51
							10 year: -3.51

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	91.70	3788.30	0.30
2/23/2008	91.70	3788.30	0.00
3/9/2009	91.40	3788.60	0.30
2/27/2010	91.10	3788.90	0.30
3/6/2011	92.30	3787.70	-1.20
3/19/2012	92.70	3787.30	-0.40
4/20/2013	93.10	3786.90	-0.40
3/26/2014	94.74	3785.26	-1.64
2/17/2015	94.62	3785.38	0.12
3/7/2016	94.85	3785.15	-0.23
2/28/2017	95.21	3784.79	-0.36

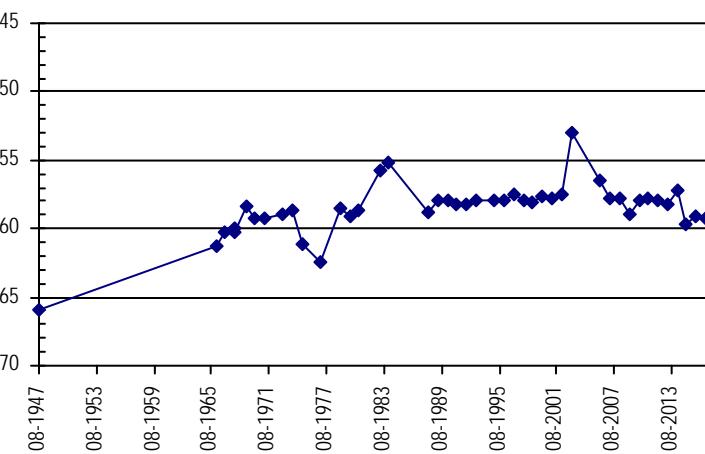
All Historic Measurements



Measurements from last 10 years

Well Name:	SHP-84 HALLENBACK, G.&M.			
Permit #:	127551 -	-	Location #: SC03504510BB	
Owner:	HALLENBACK, G.&M.			
USGS Site ID:	370053102290700			
Division:	2			
Location:	Q160 Q40 Q10 Section NW NW 10			
Twnshp Range PM	66			
Distance from section lines:	County: BACA			
From N/S line:	From E/W line:			
UTM Coordinates (NAD83):	Northing (UTM y):		4099464.0	
Latitude/Longitude (decimal degrees):	Easting (UTM x):		723546.0 GPS	
Surface Elevation (ft):	4104.9		Top Perforated Interval (ft):	
Well depth (ft):	250		Bottom Perforated Interval (ft):	
Aquifer(s):	DAKOTA			
			Water Level Change	
			1 year: -0.20	
			5 year: -1.39	
			10 year: -1.49	

All Historic Measurements



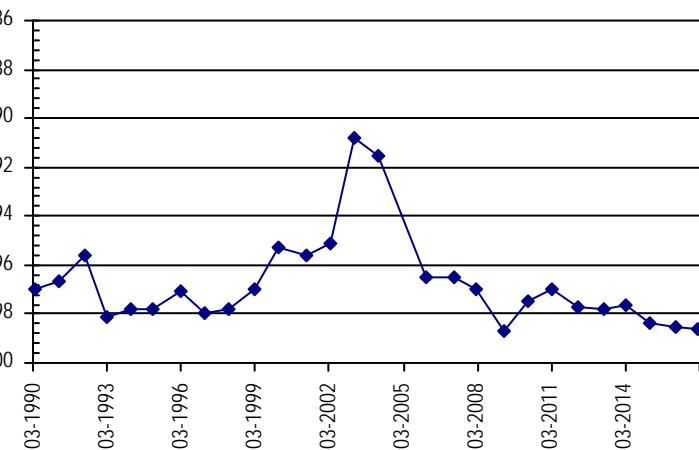
SOUTHERN HIGH PLAINS

Well Name:	SHP-85 DIXON, WM.J.				Owner:	DIXON, WM.J.	
Permit #:	10763 - -				Location #:	SC03504603DC	
Division:	2				Water District:	66	
Location:	Q160 Q40 Q10 Section SE SW 3				Twnshp Range PM	County: BACA	
UTM Coordinates (NAD83):	Northing (UTM y): 4099828.3				Easting (UTM x): 714887.8 GPS	Distance from section lines: <i>From N/S line:</i> From E/W line:	
Latitude/Longitude (decimal degrees):	37.020081				-102.584444		
Surface Elevation (ft):	4195				Top Perforated Interval (ft):	Base of grout (ft):	
Well depth (ft):	134				Bottom Perforated Interval (ft):	Water Level Change	
Aquifer(s):	CHEYENNE					1 year:	-0.09
						5 year:	-0.92
						10 year:	-2.12

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	96.50	4098.50	0.00
2/24/2008	97.00	4098.00	-0.50
3/9/2009	98.70	4096.30	-1.70
3/12/2010	97.50	4097.50	1.20
3/6/2011	97.00	4098.00	0.50
3/19/2012	97.70	4097.30	-0.70
4/20/2013	97.80	4097.20	-0.10
3/26/2014	97.68	4097.32	0.12
2/17/2015	98.38	4096.62	-0.70
3/7/2016	98.53	4096.47	-0.15
2/28/2017	98.62	4096.38	-0.09

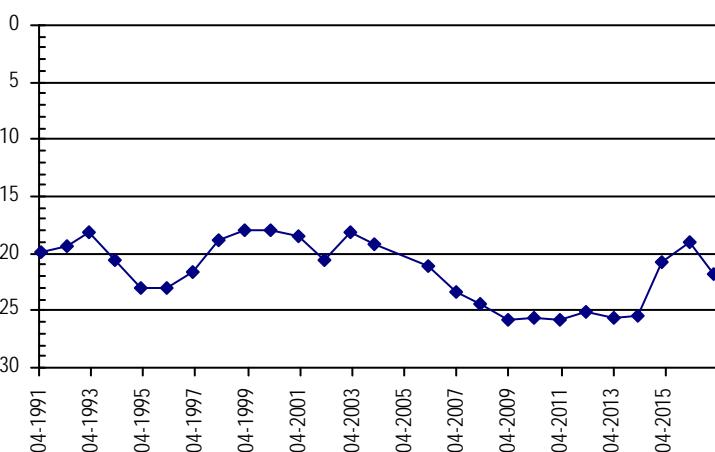
All Historic Measurements



Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	23.40	4446.60	-2.30
2/24/2008	24.40	4445.60	-1.00
3/9/2009	25.90	4444.10	-1.50
3/3/2010	25.70	4444.30	0.20
3/13/2011	25.80	4444.20	-0.10
3/15/2012	25.10	4444.90	0.70
4/20/2013	25.70	4444.30	-0.60
3/26/2014	25.51	4444.49	0.19
2/17/2015	20.78	4449.22	4.73
3/7/2016	19.05	4450.95	1.73
2/27/2017	21.73	4448.27	-2.68

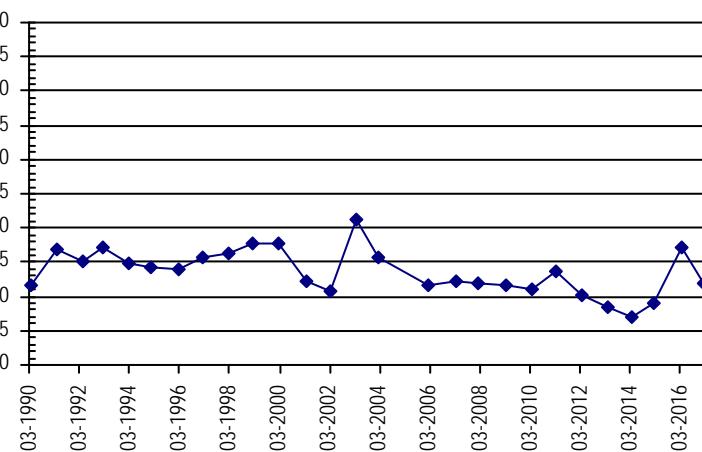
All Historic Measurements



SOUTHERN HIGH PLAINS

Well Name:	SHP-87 WELBORN,J.M. 2				Owner:	WELBORN,J.M.	
Permit #:	3220 - F				Location #:	SC03505012BBA	
Division:	2				Water District:	66	
Location:	Q160 Q40 Q10 Section NW NW NE 12				Twnshp Range PM 35 S 50 W S	County: BACA Distance from section lines: From N/S line: From E/W line:	
UTM Coordinates (NAD83):	Northing (UTM y):		4098722.4		Easting (UTM x):	678735.3 GPS	
Latitude/Longitude (decimal degrees):	37.017694					-102.990846	
Surface Elevation (ft):	4411		Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change
Well depth (ft):	50		Bottom Perforated Interval (ft):				1 year: -5.35
Aquifer(s):	DOCKUM						
Measurements from last 10 years				All Historic Measurements			

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	37.80	4373.20	0.70
2/24/2008	38.10	4372.90	-0.30
3/9/2009	38.50	4372.50	-0.40
3/3/2010	38.90	4372.10	-0.40
3/13/2011	36.40	4374.60	2.50
3/15/2012	39.80	4371.20	-3.40
4/20/2013	41.50	4369.50	-1.70
3/26/2014	42.95	4368.05	-1.45
2/17/2015	40.89	4370.11	2.06
3/7/2016	32.73	4378.27	8.16
2/27/2017	38.08	4372.92	-5.35



Well Name:	SHP-88 WELBORN,J.M. 3				Owner:	WELBORN,J.M.	
Permit #:	3221 - F				Location #:	SC03505012BB	
Division:	2				Water District:	66	
Location:	Q160 Q40 Q10 Section NW NW NE 12				Twnshp Range PM 35 S 50 W S	County: BACA Distance from section lines: From N/S line: From E/W line:	
UTM Coordinates (NAD83):	Northing (UTM y):		4098663.4		Easting (UTM x):	678711.3 GPS	
Latitude/Longitude (decimal degrees):	37.017167					-102.991130	
Surface Elevation (ft):	4410		Top Perforated Interval (ft):			Base of grout (ft):	Water Level Change
Well depth (ft):	82		Bottom Perforated Interval (ft):				1 year: -5.69
Aquifer(s):	DOCKUM						
Measurements from last 10 years				All Historic Measurements			

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/22/2007	34.40	4375.60	0.40
2/24/2008	34.60	4375.40	-0.20
3/9/2009	35.00	4375.00	-0.40
3/3/2010	36.00	4374.00	-1.00
3/13/2011	33.50	4376.50	2.50
3/15/2012	36.30	4373.70	-2.80
4/20/2013	38.00	4372.00	-1.70
3/26/2014	41.79	4368.21	-3.79
2/17/2015	36.36	4373.64	5.43
3/7/2016	30.32	4379.68	6.04
2/27/2017	36.01	4373.99	-5.69

