

**GROUND WATER LEVELS  
in the  
UPPER BLACK SQUIRREL CREEK  
DESIGNATED GROUND WATER BASIN  
2011**



by  
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**UPPER BLACK SQUIRREL CREEK DESIGNATED GROUND WATER BASIN  
WATER LEVEL MEASUREMENTS  
2011**

This report represents the results of water level measurements of wells in the Upper Black Squirrel Creek Designated Basin made during February and March 2011. The project was done in cooperation with the Upper Black Squirrel Creek Ground Water Management District and local well owners. Funding for this project was supplied in part from well permit fees collected and managed by the Office of the State Engineer as a result of the passage of Senate Bill 200 during the 1987 legislative session.

Tabular data are presented for each well for the previous ten years. Graphical data are presented for the entire period of record. Information concerning bedrock wells for the Denver Basin Aquifers will generally be available in June of each year and can be obtained from the Office of the State Engineer. A complete set of historic tabular data for the Upper Black Squirrel Creek Designated Ground Water Basin is available by contacting the Office of the State Engineer.

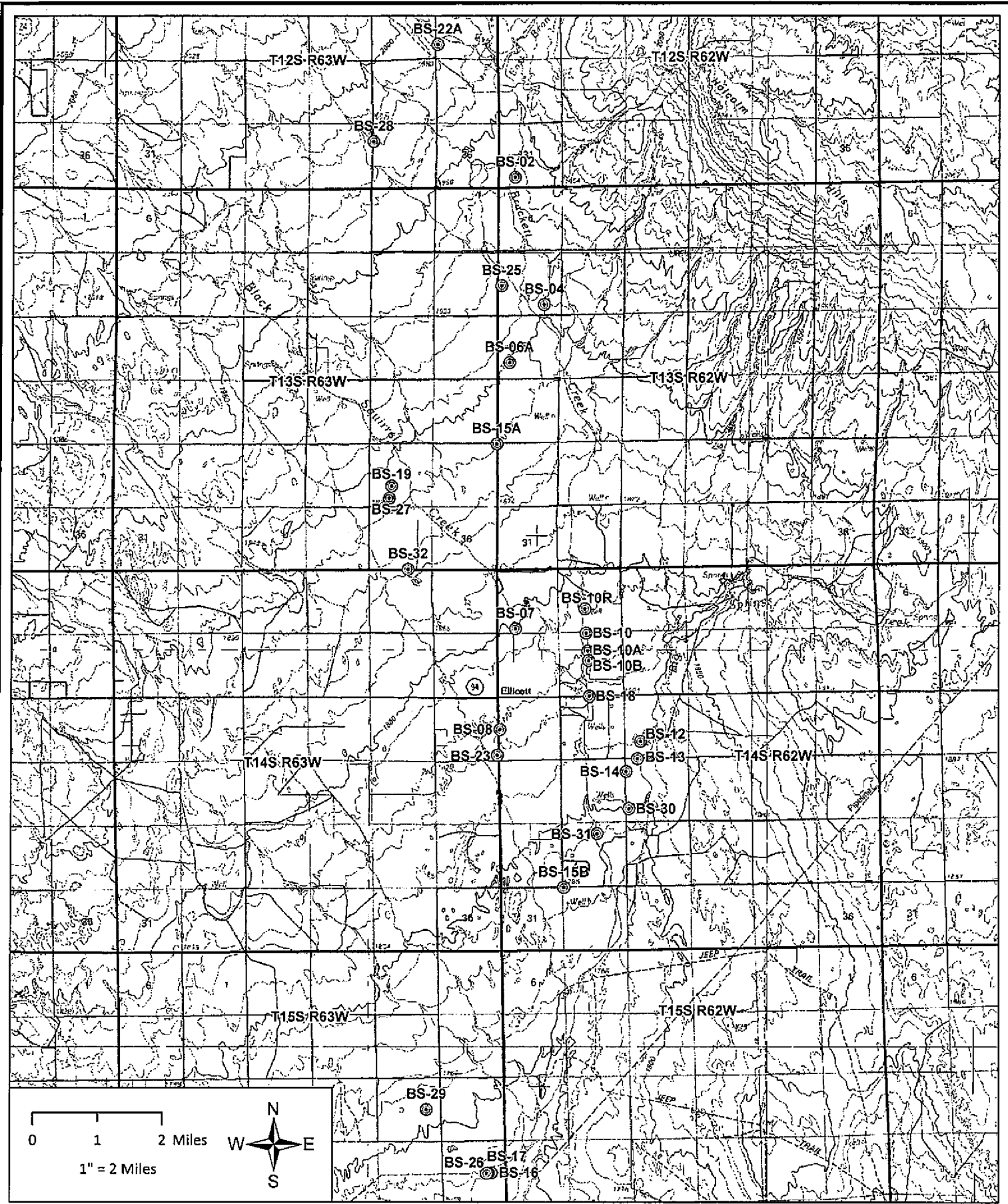
The wells in this report are listed by township, range and section, beginning at the north end of the basin and proceeding south.

A total of 28 well sites were measured on February 28 and March 2, 2011.

On average, ground water levels in wells measured by the Division of Water Resources declined 0.40 feet from 2010. Average ground water levels in wells were up by 0.54 feet over the last five-year period and have declined by 2.91 feet over the last ten-year period.

Copies of this report can be purchased from the Office of the State Engineer, Records Section, 1313 Sherman St., Room 821, Denver, CO 80203, (303) 866-3581. Additionally, this data may be accessed on the internet at the Colorado Decision Support System website <http://cdss.state.co.us> and can be exported to a number of different formats.

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**Location of Monitoring Wells  
Upper Black Squirrel Creek  
El Paso County**

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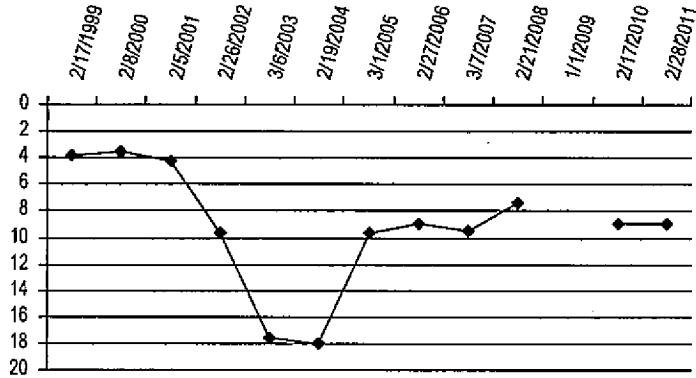
**UPPER BLACK SQUIRREL**

**Well Name:** BS-22A **Owner:** E N CASTANIEN  
**Permit #:** 40767 - **Location #:** SC 01206324CC **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section **Twship** Range **PM** **Distance from section lines:**  
 SW SW 24 12 S 63 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4315474.8 **Easting (UTM x):** 551619.5 **GPS**  
**Latitude/Longitude (decimal degrees):** 38.986747 -104.403989  
**Surface Elevation (ft):** 6491 **Water Level Change**  
**Well depth (ft):** 110 **1 year:** -0.09  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** -0.03  
**10 year:** -4.68

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	4.30	6486.70	-0.70
2/26/2002	9.60	6481.40	-5.30
3/6/2003	17.59	6473.41	-7.99
2/19/2004	17.96	6473.04	-0.37
3/1/2005	9.65	6481.35	8.31
2/27/2006	8.95	6482.05	0.70
3/7/2007	9.46	6481.54	-0.51
2/21/2008	7.33	6483.67	2.13
1/1/2009			
2/17/2010	8.89	6482.11	
2/28/2011	8.98	6482.02	-0.09

**All Historic Measurements**

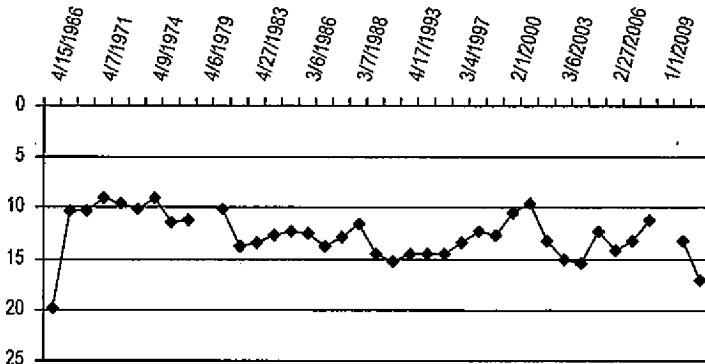


**Well Name:** BS-02 **Owner:** LEONARD MAINQUIST  
**Permit #:** 13171 - RFP - R **Location #:** SC01206231CD **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section **Twship** Range **PM** **Distance from section lines:**  
 SW SE 31 12 S 62 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4312108.7 **Easting (UTM x):** 553588.5 **GPS**  
**Latitude/Longitude (decimal degrees):** 38.956297 -104.381519  
**Surface Elevation (ft):** 6358 **Water Level Change**  
**Well depth (ft):** 51 **1 year:** -3.72  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** -2.89  
**10 year:** -7.42

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	9.60	6348.40	0.90
2/26/2002	13.31	6344.69	-3.71
3/6/2003	15.12	6342.88	-1.81
2/19/2004	15.35	6342.65	-0.23
3/1/2005	12.38	6345.62	2.97
2/27/2006	14.13	6343.87	-1.75
3/7/2007	13.25	6344.75	0.88
2/21/2008	11.14	6346.86	2.11
1/1/2009			
2/17/2010	13.30	6344.70	
2/28/2011	17.02	6340.98	-3.72

**All Historic Measurements**



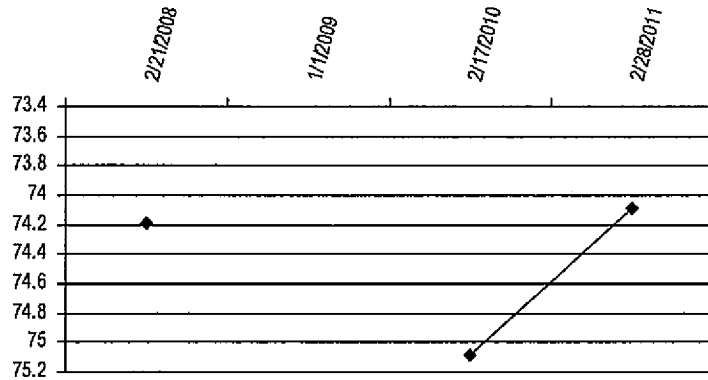
**UPPER BLACK SQUIRREL**

**Well Name:** BS-28 **Owner:** ELDON BONTREGER  
**Permit #:** 13962 - F - **Location #:** SC01206335BB **USGS Site ID:**  
**Division:** 1 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twshp Range PM Distance from section lines:  
 NW NW 35 12 S 63 W S *From N/S line:* *From E/W line:*  
**UTM Coordinates (NAD83):** Northing (UTM y): 4313012.0 Easting (UTM x): 550007.0 GPS  
**Latitude/Longitude (decimal degrees):**  
**Surface Elevation (ft):** 6492 **Water Level Change**  
**Well depth (ft):** 170 **1 year:** 1.00  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:**  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2008	74.19	6417.81	
1/1/2009			
2/17/2010	75.09	6416.91	
2/28/2011	74.09	6417.91	1.00

**All Historic Measurements**

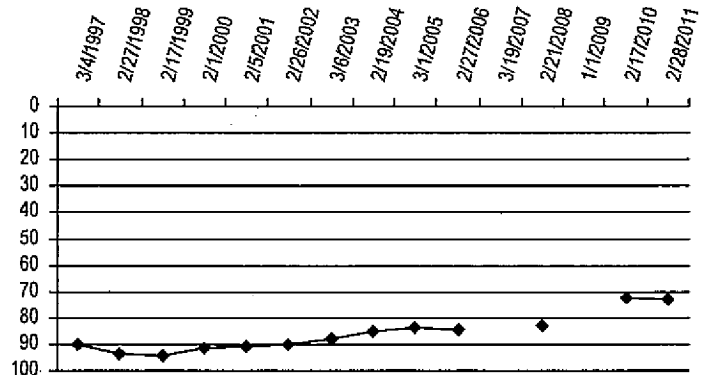


**Well Name:** BS-25 **Owner:** DEAN GOSS  
**Permit #:** 15389 - FP - **Location #:** SC01306207CB **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twshp Range PM Distance from section lines:  
 SW NW 7 13 S 62 W S *From N/S line:* *From E/W line:*  
**UTM Coordinates (NAD83):** Northing (UTM y): 4309380.7 Easting (UTM x): 553250.5 GPS  
**Latitude/Longitude (decimal degrees):** 38.931736 -104.385632  
**Surface Elevation (ft):** 6283 **Water Level Change**  
**Well depth (ft):** 160 **1 year:** -0.43  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** 11.21  
**10 year:** 18.13

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/2001	91.00	6192.00	0.35
2/26/2002	90.05	6192.95	0.95
3/6/2003	87.80	6195.20	2.25
2/19/2004	84.89	6198.11	2.91
3/1/2005	83.59	6199.41	1.30
2/27/2006	84.08	6198.92	-0.49
3/19/2007			
2/21/2008	82.87	6200.13	
1/1/2009			
2/17/2010	72.44	6210.56	
2/28/2011	72.87	6210.13	-0.43

**All Historic Measurements**



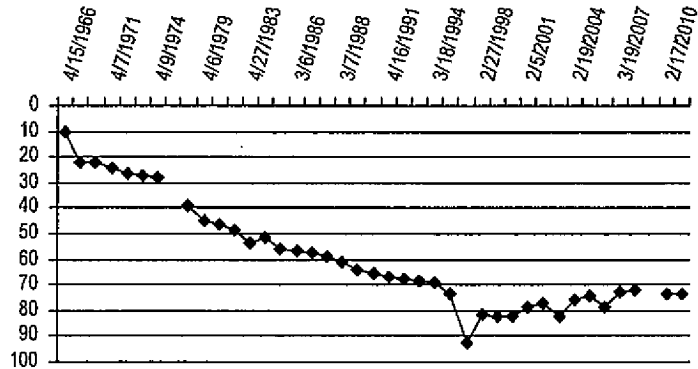
**UPPER BLACK SQUIRREL**

**Well Name:** BS-04 **Owner:** DEAN GOSS  
**Permit #:** 6100 - F - **Location #:** SC01306207DC **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twship Range PM Distance from section lines:  
 SE SW 7 13 S 62 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4308902.7 Easting (UTM x): 554338.5 GPS  
**Latitude/Longitude (decimal degrees):** 38.927362 -104.373118  
**Surface Elevation (ft):** 6257 **Water Level Change**  
**Well depth (ft):** 127 **1 year:** -0.11  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** 5.01  
**10 year:** 4.70

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	78.45	6178.55	4.05
2/26/2002	76.85	6180.15	1.60
3/6/2003	82.10	6174.90	-5.25
2/19/2004	76.09	6180.91	6.01
3/1/2005	74.43	6182.57	1.66
2/27/2006	78.76	6178.24	-4.33
3/19/2007	72.91	6184.09	5.85
2/21/2008	72.05	6184.95	0.86
1/1/2009			
2/17/2010	73.64	6183.36	
2/28/2011	73.75	6183.25	-0.11

**All Historic Measurements**

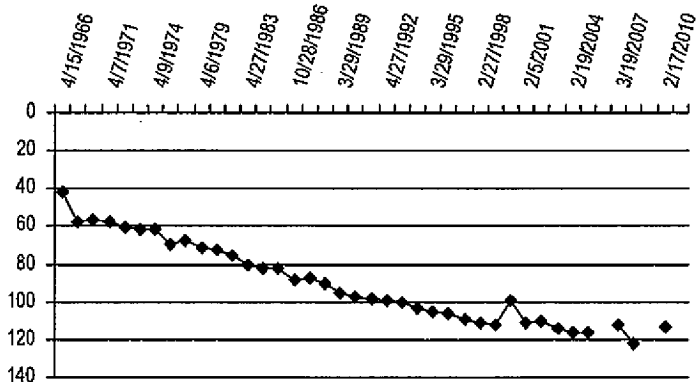


**Well Name:** BS-06A **Owner:** DEAN GOSS  
**Permit #:** 11091 - FP - **Location #:** SC01306218CB **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twship Range PM Distance from section lines:  
 SW NW 18 13 S 62 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4307440.7 Easting (UTM x): 553454.5 GPS  
**Latitude/Longitude (decimal degrees):** 38.914242 -104.383430  
**Surface Elevation (ft):** 6250 **Water Level Change**  
**Well depth (ft):** 187 **1 year:**  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:**  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	111.60	6138.40	-12.40
2/26/2002	110.42	6139.58	1.18
3/6/2003	114.20	6135.80	-3.78
2/19/2004	116.62	6133.38	-2.42
3/1/2005	116.26	6133.74	0.36
2/27/2006			
3/19/2007	112.60	6137.40	
2/21/2008	122.02	6127.98	-9.42
1/1/2009			
2/17/2010	113.10	6136.90	
2/28/2011			

**All Historic Measurements**





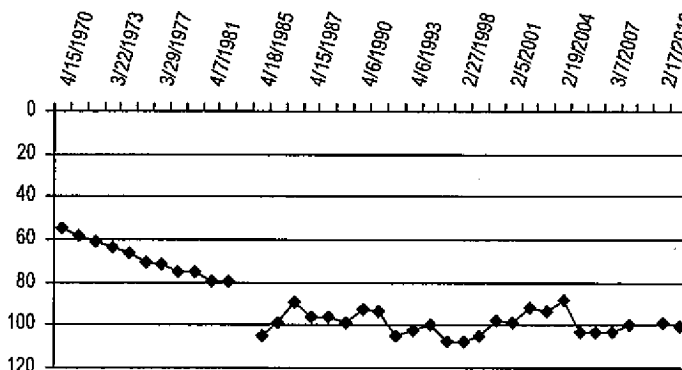
## UPPER BLACK SQUIRREL

**Well Name:** BS-15A **Owner:**  
**Permit #:** 11799 - FP - **Location #:** SC01306325AA **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twncshp Range PM Distance from section lines:  
NE NE 25 13 S 63 W S From N/S line: From E/W line:  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4305393.7 **Easting (UTM x):** 553138.5 **GPS**  
**Latitude/Longitude (decimal degrees):** 38.895816 -104.387233  
**Surface Elevation (ft):** 6200 **Water Level Change**  
**Well depth (ft):** 120 **1 year:** -1.51  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** 2.57  
**10 year:** -1.94

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	98.60	6101.40	-0.80
2/26/2002	92.08	6107.92	6.52
3/6/2003	93.78	6106.22	-1.70
2/19/2004	88.60	6111.40	5.18
3/1/2005	103.28	6096.72	-14.68
2/27/2006	103.11	6096.89	0.17
3/7/2007	103.10	6096.90	0.01
2/21/2008	99.52	6100.48	3.58
1/1/2009			
2/17/2010	99.03	6100.97	
2/28/2011	100.54	6099.46	-1.51

### All Historic Measurements

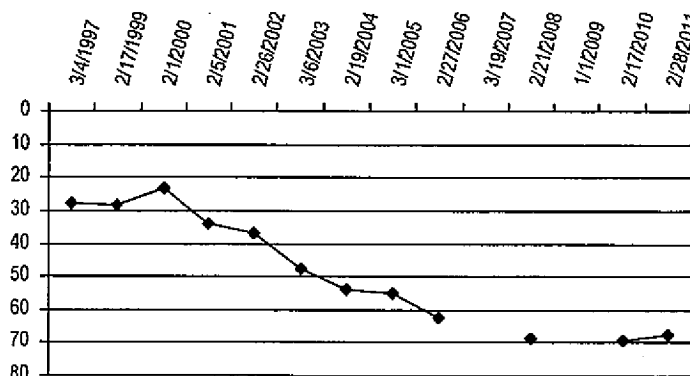


**Well Name:** BS-19 **Owner:** DEAN GOSS  
**Permit #:** 27567 - F - **Location #:** SC01306326CA **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twncshp Range PM Distance from section lines:  
SW NE 26 13 S 63 W S From N/S line: From E/W line:  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4304334.8 **Easting (UTM x):** 550486.5 **GPS**  
**Latitude/Longitude (decimal degrees):** 38.886430 -104.417891  
**Surface Elevation (ft):** 6220 **Water Level Change**  
**Well depth (ft):** 136 **1 year:** 1.67  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** -4.91  
**10 year:** -33.29

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	34.02	6185.98	-10.62
2/26/2002	37.05	6182.95	-3.03
3/6/2003	47.90	6172.10	-10.85
2/19/2004	54.01	6165.99	-6.11
3/1/2005	54.97	6165.03	-0.96
2/27/2006	62.40	6157.60	-7.43
3/19/2007			
2/21/2008	68.71	6151.29	
1/1/2009			
2/17/2010	68.98	6151.02	
2/28/2011	67.31	6152.69	1.67

### All Historic Measurements



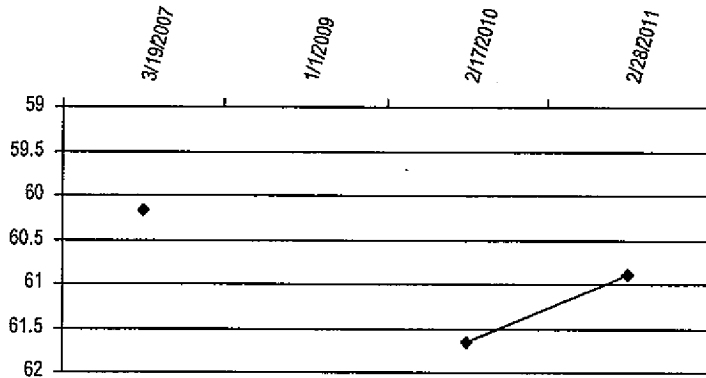
**UPPER BLACK SQUIRREL**

**Well Name:** BS-27 **Owner:** DEAN GOSS  
**Permit #:** 27564 - FP - R **Location #:** SC01306326CD **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q180 Q40 Q10 Section Twship Range PM Distance from section lines:  
 SW SE 26 13 S 63 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4304024.0 Easting (UTM x): 550427.0 GPS  
**Latitude/Longitude (decimal degrees):**  
**Surface Elevation (ft):** 6218 **Water Level Change**  
**Well depth (ft):** **1 year:** 0.77  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:**  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/19/2007	60.18	6157.82	
1/1/2009			
2/17/2010	61.67	6156.33	
2/28/2011	60.90	6157.10	0.77

**All Historic Measurements**

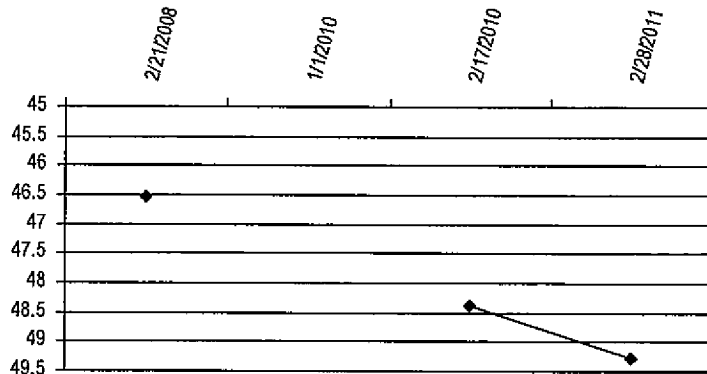


**Well Name:** BS-32 **Owner:** SPRINGS EAST AIRPORT, INC  
**Permit #:** 6055 - FP - **Location #:** SC01306335DC **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twship Range PM Distance from section lines:  
 SE SW 35 13 S 63 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4302231.0 Easting (UTM x): 550905.0 GPS  
**Latitude/Longitude (decimal degrees):**  
**Surface Elevation (ft):** 6142 **Water Level Change**  
**Well depth (ft):** 159 **1 year:** -0.90  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:**  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2008	46.52	6095.48	
1/1/2010			
2/17/2010	48.38	6093.62	
2/28/2011	49.28	6092.72	-0.90

**All Historic Measurements**



## UPPER BLACK SQUIRREL

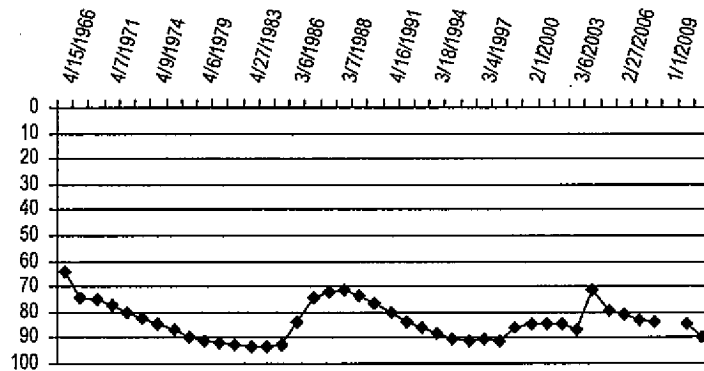
**Well Name:** BS-07 **Owner:** VERNON M JONES  
**Permit #:** 17425 - F - **Location #:** SC01406206CD **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Township Range PM Distance from section lines:  
 SE SW 6 14 S 62 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4300725.7 Easting (UTM x): 553621.5 GPS  
**Latitude/Longitude (decimal degrees):** 38.853723 -104.382028

**Surface Elevation (ft):** 6060 **Water Level Change**  
**Well depth (ft):** 110 **1 year:** -5.33  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** -8.78  
**10 year:** -5.04

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	84.55	5975.45	0.28
2/26/2002	84.35	5975.65	0.20
3/6/2003	86.95	5973.05	-2.60
2/19/2004	71.01	5988.99	15.94
3/1/2005	79.24	5980.76	-8.23
2/27/2006	80.81	5979.19	-1.57
3/19/2007	82.74	5977.26	-1.93
2/21/2008	83.98	5976.02	-1.24
1/1/2009			
2/17/2010	84.26	5975.74	
2/28/2011	89.59	5970.41	-5.33

### All Historic Measurements



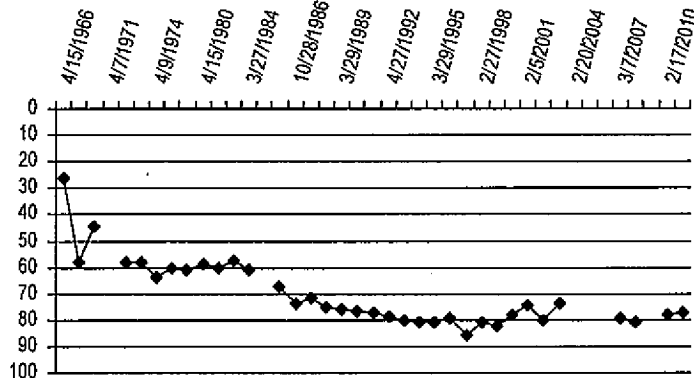
**Well Name:** BS-10 **Owner:** RON GIESBRECHT  
**Permit #:** 20701 - FP - **Location #:** SC01406208BA **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Township Range PM Distance from section lines:  
 NE NW 8 14 S 62 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4300622.7 Easting (UTM x): 555391.5 GPS  
**Latitude/Longitude (decimal degrees):** 38.852685 -104.361639

**Surface Elevation (ft):** 6030 **Water Level Change**  
**Well depth (ft):** 136 **1 year:** 0.62  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:**  
**10 year:** -3.08

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	74.40	5955.60	3.70
2/26/2002	80.05	5949.95	-5.65
3/6/2003	73.73	5956.27	6.32
2/20/2004			
3/1/2005			
2/27/2006			
3/7/2007	79.46	5950.54	
2/21/2008	80.71	5949.29	-1.25
1/1/2009			
2/17/2010	78.10	5951.90	
3/2/2011	77.48	5952.52	0.62

### All Historic Measurements



## UPPER BLACK SQUIRREL

**Well Name:** BS-10A **Owner:** RON GIESBRECHT  
**Permit #:** 27608 - FP - **Location #:** SC01406208BD1 **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section **Twnshp** Range **PM** Distance from section lines:  
 NW SE 8 14 S 62 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4300171.7 **Easting (UTM x):** 555435.5 **GPS**  
**Latitude/Longitude (decimal degrees):** 38.848618 -104.361168

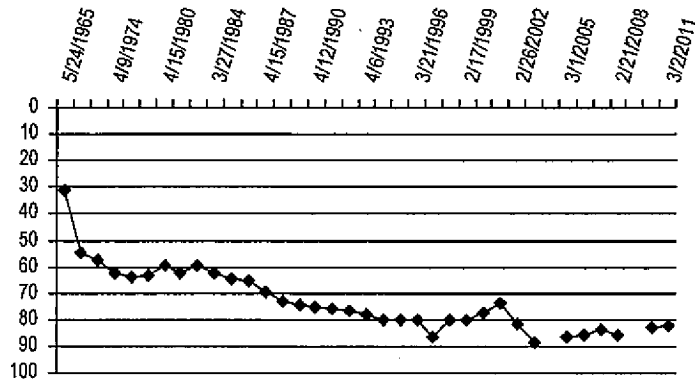
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**Surface Elevation (ft):** 6000 **Water Level Change**  
**Well depth (ft):** 155 **1 year:** 0.69  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** 3.52  
**10 year:** -8.80

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	73.50	5926.50	4.10
2/26/2002	81.30	5918.70	-7.80
3/6/2003	88.76	5911.24	-7.46
2/20/2004			
3/1/2005	86.26	5913.74	
2/27/2006	85.82	5914.18	0.44
3/7/2007	83.66	5916.34	2.16
2/21/2008	85.73	5914.27	-2.07
1/1/2009			
2/17/2010	82.99	5917.01	
3/2/2011	82.30	5917.70	0.69

**All Historic Measurements**



**Well Name:** BS-10B **Owner:** RON GIESBRECHT  
**Permit #:** 16010 - FP - **Location #:** SC01406208BD2 **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section **Twnshp** Range **PM** Distance from section lines:  
 NW SW 8 14 S 62 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4299925.7 **Easting (UTM x):** 555458.5 **GPS**  
**Latitude/Longitude (decimal degrees):** 38.846400 -104.360923

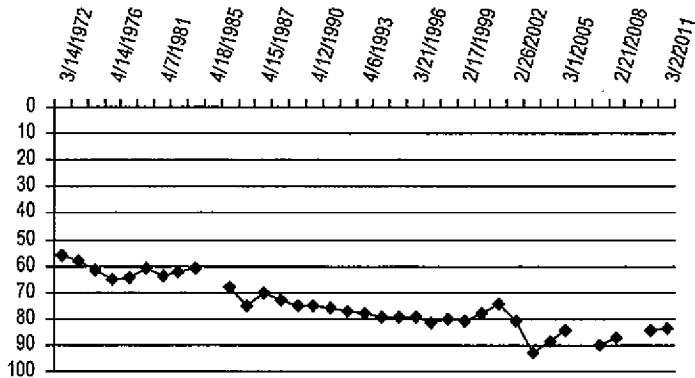
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**Surface Elevation (ft):** 6000 **Water Level Change**  
**Well depth (ft):** 148 **1 year:** 0.37  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:**  
**10 year:** -9.42

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	74.50	5925.50	3.30
2/26/2002	80.95	5919.05	-6.45
3/6/2003	93.05	5906.95	-12.10
2/20/2004	88.67	5911.33	4.38
3/1/2005	84.59	5915.41	4.08
2/27/2006			
3/7/2007	90.32	5909.68	
2/21/2008	86.90	5913.10	3.42
1/1/2009			
2/17/2010	84.29	5915.71	
3/2/2011	83.92	5916.08	0.37

**All Historic Measurements**



## UPPER BLACK SQUIRREL

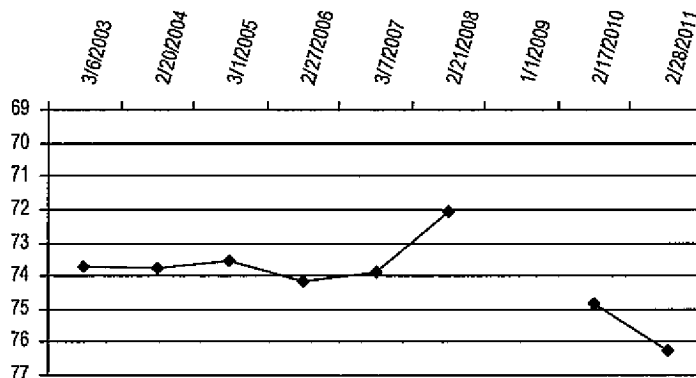
**Well Name:** BS-10R **Owner:**  
**Permit #:** - - **Location #:** SC01406208CAD **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Township Range PM Distance from section lines:  
 SW NE 8 14 S 62 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4301224.7 Easting (UTM x): 555360.5 GPS  
**Latitude/Longitude (decimal degrees):** 38.858112 -104.361948

**Surface Elevation (ft):** 6035 **Water Level Change**  
**Well depth (ft):** **1 year:** -1.41  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** -2.08  
**10 year:**

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/6/2003	73.73	5961.27	
2/20/2004	73.78	5961.22	-0.05
3/1/2005	73.56	5961.44	0.22
2/27/2006	74.18	5960.82	-0.62
3/7/2007	73.87	5961.13	0.31
2/21/2008	72.05	5962.95	1.82
1/1/2009			
2/17/2010	74.85	5960.15	
2/28/2011	76.26	5958.74	-1.41

### All Historic Measurements



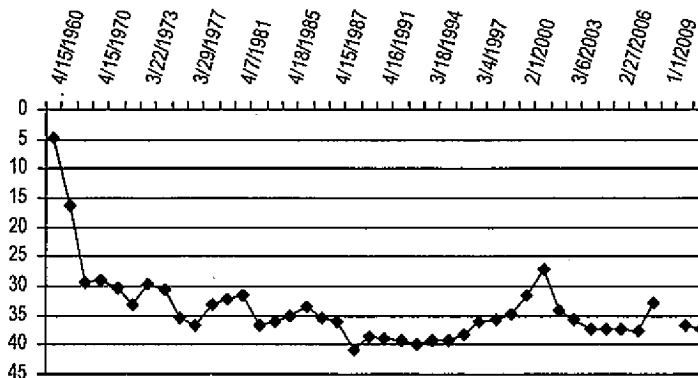
**Well Name:** BS-12 **Owner:** LINDA & JOHN GLADDEN  
**Permit #:** 2449 - FP - **Location #:** SC01406216CA **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Township Range PM Distance from section lines:  
 SW NE 16 14 S 62 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4297895.6 Easting (UTM x): 556766.5 GPS  
**Latitude/Longitude (decimal degrees):** 38.828024 -104.346019

**Surface Elevation (ft):** 5940 **Water Level Change**  
**Well depth (ft):** 50 **1 year:** -0.87  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** -0.22  
**10 year:** -10.27

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	27.22	5912.78	4.45
2/26/2002	34.12	5905.88	-6.90
3/6/2003	35.67	5904.33	-1.55
2/20/2004	37.34	5902.66	-1.67
3/1/2005	37.29	5902.71	0.05
2/27/2006	37.27	5902.73	0.02
3/7/2007	37.78	5902.22	-0.51
2/21/2008	32.81	5907.19	4.97
1/1/2009			
2/17/2010	36.82	5903.38	
3/2/2011	37.49	5902.51	-0.87

### All Historic Measurements



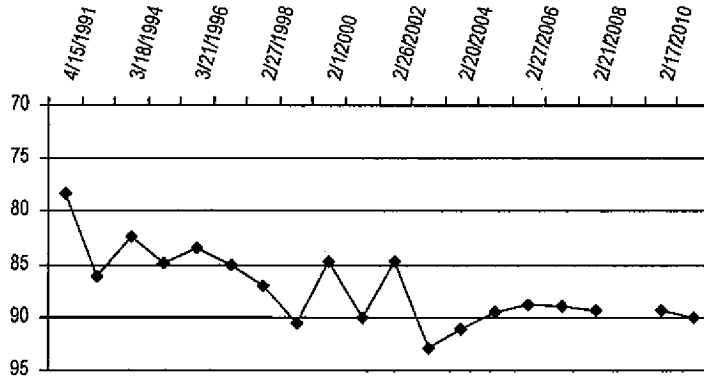
**UPPER BLACK SQUIRREL**

**Well Name:** BS-18 **Owner:**  
**Permit #:** - - **Location #:** SC01406217AB **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section **Twnshp** Range **PM** **Distance from section lines:**  
 NE NW 17 14 S 62 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4299033.7 **Easting (UTM x):** 555477.5 **GPS**  
**Latitude/Longitude (decimal degrees):** 38.838361 -104.360776  
**Surface Elevation (ft):** 5950 **Water Level Change**  
**Well depth (ft):** 70 **1 year:** -0.66  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** -1.24  
**10 year:** -0.11

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	89.95	5860.05	-5.15
2/26/2002	84.67	5865.33	5.28
3/6/2003	92.91	5857.09	-8.24
2/20/2004	91.18	5858.82	1.73
3/1/2005	89.46	5860.54	1.72
2/27/2006	88.82	5861.18	0.64
3/7/2007	88.96	5861.04	-0.14
2/21/2008	89.28	5860.72	-0.32
1/1/2009			
2/17/2010	89.40	5860.60	
3/2/2011	90.06	5859.94	-0.66

**All Historic Measurements**

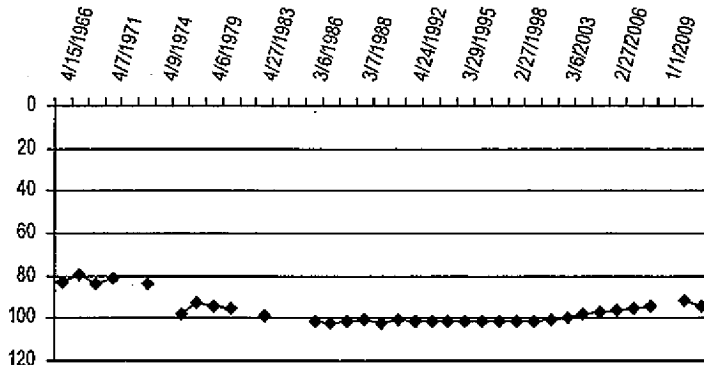


**Well Name:** BS-08 **Owner:** ELLICOTT FIRE PROTECTION DISTRICT  
**Permit #:** 13673 - FP - **Location #:** SC01406218BC **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section **Twnshp** Range **PM** **Distance from section lines:**  
 NW SW 18 14 S 62 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4298189.7 **Easting (UTM x):** 553238.5 **GPS**  
**Latitude/Longitude (decimal degrees):** 38.830894 -104.386638  
**Surface Elevation (ft):** 5985 **Water Level Change**  
**Well depth (ft):** 134 **1 year:** -1.91  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** 2.35  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/26/2002	100.90	5884.10	0.80
3/6/2003	99.35	5885.65	1.55
2/20/2004	98.37	5886.63	0.98
3/1/2005	97.16	5887.84	1.21
2/27/2006	96.39	5888.61	0.77
3/7/2007	95.72	5889.28	0.67
2/21/2008	94.48	5890.52	1.24
1/1/2009			
2/17/2010	92.13	5892.87	
3/2/2011	94.04	5890.96	-1.91

**All Historic Measurements**



**UPPER BLACK SQUIRREL**

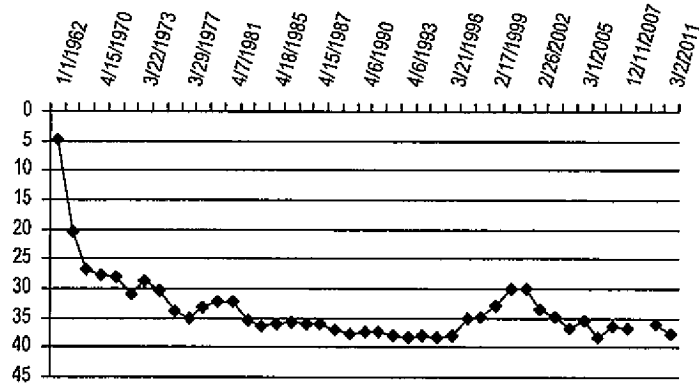
**Well Name:** BS-13 **Owner:** RAYMOND LEWIS  
**Permit #:** 3485 - FP - **Location #:** SC01406221BA **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW NE 21 14 S 62 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4297459.6 Easting (UTM x): 556693.5 GPS  
**Latitude/Longitude (decimal degrees):** 38.824100 -104.346896

**Surface Elevation (ft):** 5920 **Water Level Change**  
**Well depth (ft):** 52 **1 year:** -1.48  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** 0.75  
**10 year:** -7.64

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	29.92	5890.08	0.20
2/26/2002	33.52	5886.48	-3.60
3/6/2003	34.90	5885.10	-1.38
2/20/2004	36.55	5883.45	-1.65
3/1/2005	35.30	5884.70	1.25
2/27/2006	38.31	5881.69	-3.01
3/7/2007	36.31	5883.69	2.00
12/11/2007	36.80	5883.20	-0.49
1/1/2009			
2/17/2010	36.08	5883.92	
3/2/2011	37.56	5882.44	-1.48

**All Historic Measurements**



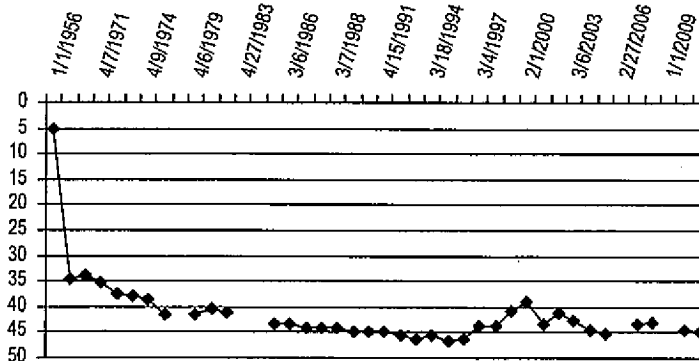
**Well Name:** BS-14 **Owner:**  
**Permit #:** - - **Location #:** SC01406221BB **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW NW 21 14 S 62 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4297140.6 Easting (UTM x): 556406.5 GPS  
**Latitude/Longitude (decimal degrees):** 38.821244 -104.350228

**Surface Elevation (ft):** 5925 **Water Level Change**  
**Well depth (ft):** 61 **1 year:** -0.69  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:**  
**10 year:** -1.47

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	43.55	5881.45	-4.75
2/26/2002	41.03	5883.97	2.52
3/6/2003	42.80	5882.20	-1.77
2/20/2004	44.61	5880.39	-1.81
3/1/2005	45.34	5879.66	-0.73
2/27/2006			
3/7/2007	43.30	5881.70	
2/21/2008	43.00	5882.00	0.30
1/1/2009			
2/17/2010	44.33	5880.67	
3/2/2011	45.02	5879.98	-0.69

**All Historic Measurements**



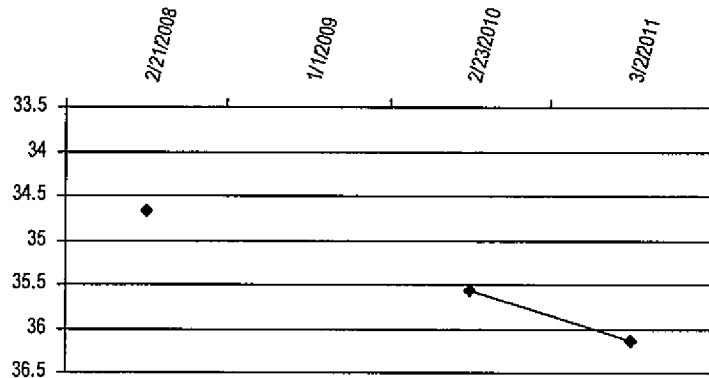
**UPPER BLACK SQUIRREL**

**Well Name:** BS-30 **Owner:** GEORGE & TED SCHUBERT  
**Permit #:** 27553 - F - **Location #:** SC01406221CC **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section **Twnshp** 14 **Range** 62 **PM** W **Distance from section lines:**  
**SW** SW **21** **S** **62** **W** **S** **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4296203.0 **Easting (UTM x):** 556479.0 **GPS**  
**Latitude/Longitude (decimal degrees):**  
**Surface Elevation (ft):** 5898 **Water Level Change**  
**Well depth (ft):** 54 **1 year:** -0.58  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:**  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2008	34.68	5863.32	
1/1/2009			
2/23/2010	35.56	5862.44	
3/2/2011	36.14	5861.86	-0.58

**All Historic Measurements**

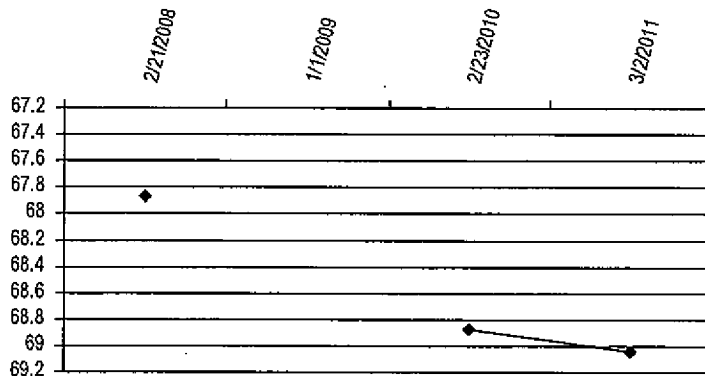


**Well Name:** BS-31 **Owner:** GEORGE & TED SCHUBERT  
**Permit #:** 6970 - FP - **Location #:** SC01406229AB **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section **Twnshp** 14 **Range** 62 **PM** W **Distance from section lines:**  
**NE** NW **29** **S** **62** **W** **S** **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4295579.0 **Easting (UTM x):** 555675.0 **GPS**  
**Latitude/Longitude (decimal degrees):**  
**Surface Elevation (ft):** 5878 **Water Level Change**  
**Well depth (ft):** 96 **1 year:** -0.17  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:**  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2008	67.87	5810.13	
1/1/2009			
2/23/2010	68.87	5809.13	
3/2/2011	69.04	5808.96	-0.17

**All Historic Measurements**





## UPPER BLACK SQUIRREL

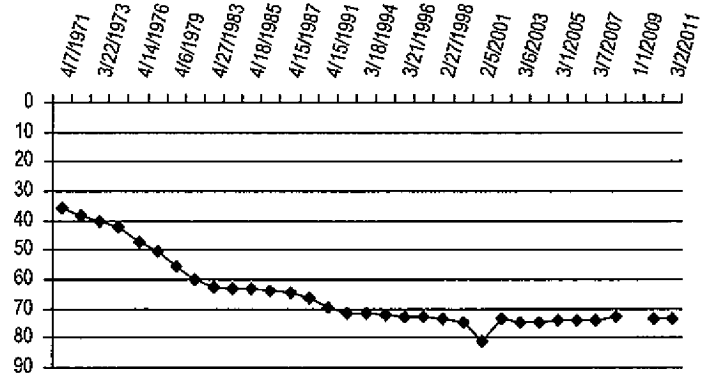
**Well Name:** BS-15B **Owner:**  
**Permit #:** 20528 - FP - **Location #:** SC01406232BB **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twntp Range PM Distance from section lines:  
 NW NW 32 14 S 62 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4294218.7 Easting (UTM x): 554849.5 GPS  
**Latitude/Longitude (decimal degrees):** 38.795012 -104.368395

**Surface Elevation (ft):** 5860 **Water Level Change**  
**Well depth (ft):** 120 **1 year:** 0.37  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** 0.85  
**10 year:** 7.70

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	80.90	5779.10	-6.00
2/26/2002	73.50	5786.50	7.40
3/6/2003	74.58	5785.42	-1.08
2/20/2004	74.59	5785.41	-0.01
3/1/2005	74.32	5785.68	0.27
2/27/2006	74.05	5785.95	0.27
3/7/2007	74.34	5785.66	-0.29
2/21/2008	72.49	5787.51	1.85
1/1/2009			
2/17/2010	73.57	5786.43	
3/2/2011	73.20	5786.80	0.37

### All Historic Measurements



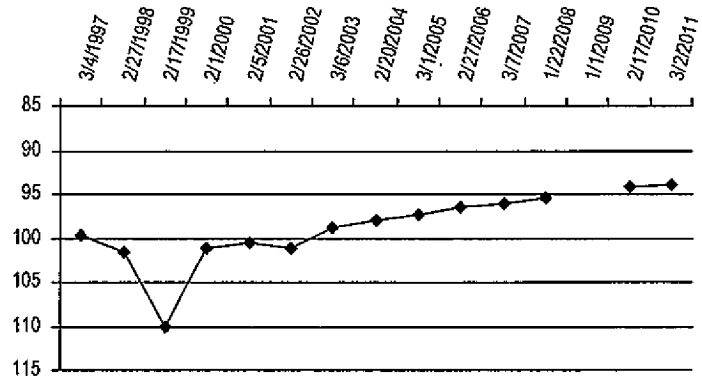
**Well Name:** BS-23 **Owner:**  
**Permit #:** 16516 - - **Location #:** SC01406324AA **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twntp Range PM Distance from section lines:  
 NE NE 32 14 S 63 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4297546.7 Easting (UTM x): 553173.5 GPS  
**Latitude/Longitude (decimal degrees):** 38.825104 -104.387437

**Surface Elevation (ft):** 5981 **Water Level Change**  
**Well depth (ft):** 110 **1 year:** 0.06  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** 2.44  
**10 year:** 6.49

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	100.52	5880.48	0.68
2/26/2002	101.15	5879.85	-0.63
3/6/2003	98.90	5882.10	2.25
2/20/2004	97.97	5883.03	0.93
3/1/2005	97.32	5883.68	0.65
2/27/2006	96.47	5884.53	0.85
3/7/2007	96.13	5884.87	0.34
1/22/2008	95.40	5885.60	0.73
1/1/2009			
2/17/2010	94.09	5886.91	
3/2/2011	94.03	5886.97	0.06

### All Historic Measurements



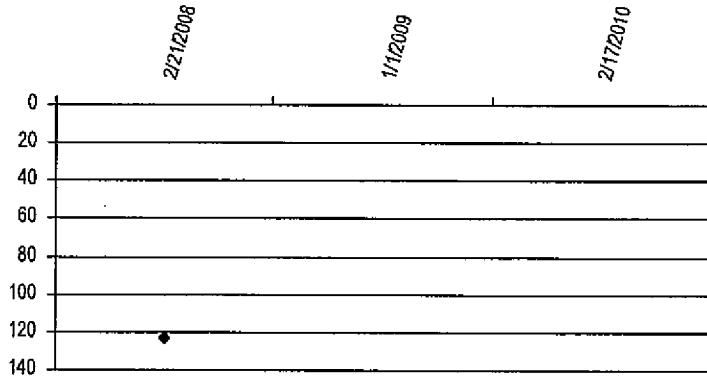
## UPPER BLACK SQUIRREL

**Well Name:** BS-29 **Owner:** ELLICOTT SPRINGS RESOURCES LLC- JA  
**Permit #:** 11197 - FP - **Location #:** SC01506314AD **USGS Site ID:**  
**Division:** 1 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section **Twnshp** Range **PM** **Distance from section lines:**  
 NE SE 14 15 S 63 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4288616.0 **Easting (UTM x):** 551396.0 **GPS**  
**Latitude/Longitude (decimal degrees):**  
**Surface Elevation (ft):** 5762 **Water Level Change**  
**Well depth (ft):** 197 **1 year:**  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:**  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/21/2008	123.23	5638.77	
1/1/2009			
2/17/2010			

**All Historic Measurements**

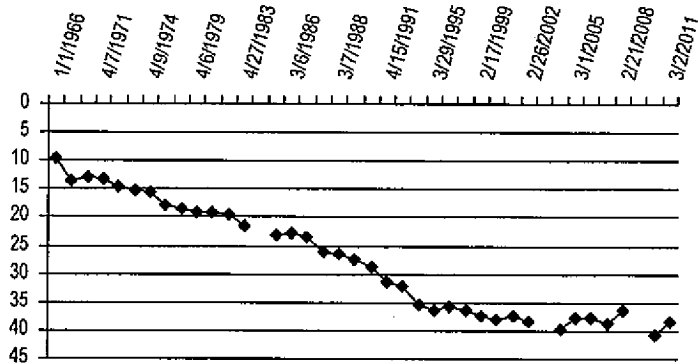


**Well Name:** BS-16 **Owner:** JERRY FARMER  
**Permit #:** 2451 - FP - **Location #:** SC01506324DA1 **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section **Twnshp** Range **PM** **Distance from section lines:**  
 NE SE 24 15 S 63 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4287005.7 **Easting (UTM x):** 553039.4 **GPS**  
**Latitude/Longitude (decimal degrees):** 38.730125 -104.389791  
**Surface Elevation (ft):** 5690 **Water Level Change**  
**Well depth (ft):** 67 **1 year:** 2.58  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** -0.46  
**10 year:** -0.72

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	37.54	5652.46	0.55
2/26/2002	38.24	5651.76	-0.70
3/6/2003			
2/20/2004	39.78	5650.22	
3/1/2005	37.60	5652.40	2.18
2/27/2006	37.80	5652.20	-0.20
3/7/2007	38.87	5651.13	-1.07
2/21/2008	36.53	5653.47	2.34
1/1/2009			
2/17/2010	40.84	5649.16	
3/2/2011	38.26	5651.74	2.58

**All Historic Measurements**



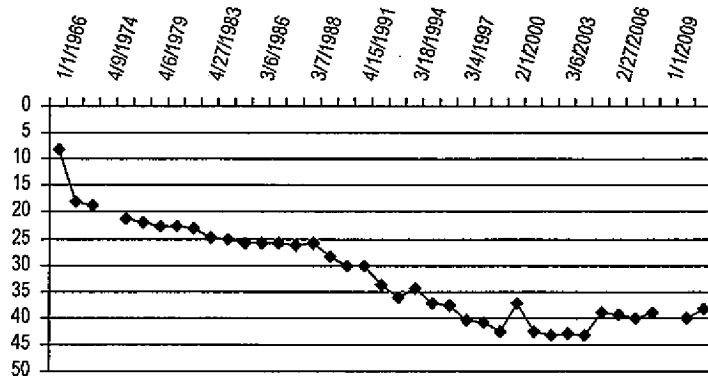
**UPPER BLACK SQUIRREL**

**Well Name:** BS-17 **Owner:** DANIEL FARMER  
**Permit #:** 6494 - FP - **Location #:** SC01506324DA2 **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twship Range PM Distance from section lines:  
 SE NE 24 15 S 63 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4287002.0 **Easting (UTM x):** 552956.0 **GPS**  
**Latitude/Longitude (decimal degrees):** 38.730100 -104.390750  
**Surface Elevation (ft):** 5680 **Water Level Change**  
**Well depth (ft):** 31 **1 year:** 1.72  
**Aquifer(s):** QUATERNARY ALLUVIUM **5 year:** 1.14  
**10 year:** 4.47

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/5/2001	42.70	5637.30	-5.55
2/26/2002	43.31	5636.69	-0.61
3/6/2003	42.90	5637.10	0.41
2/20/2004	43.15	5636.85	-0.25
3/1/2005	39.11	5640.89	4.04
2/27/2006	39.37	5640.63	-0.26
3/7/2007	40.04	5639.96	-0.67
12/11/2007	39.10	5640.90	0.94
1/1/2009			
2/17/2010	39.95	5640.05	
3/2/2011	38.23	5641.77	1.72

**All Historic Measurements**



**Well Name:** BS-26 **Owner:** USGS  
**Permit #:** 31379 - M - **Location #:** SC01506324DB **USGS Site ID:**  
**Division:** 2 **Water District:** 10 **County:** EL PASO  
**Location:** Q160 Q40 Q10 Section Twship Range PM Distance from section lines:  
 SE NW 24 15 S 63 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4286989.0 **Easting (UTM x):** 552918.0 **GPS**  
**Latitude/Longitude (decimal degrees):**  
**Surface Elevation (ft):** 5680 **Water Level Change**  
**Well depth (ft):** 225 **1 year:**  
**Aquifer(s):** LARAMIE FOX HILLS **5 year:**  
**10 year:**  
 QUATERNARY ALLUVIUM

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/27/2006	43.84	5636.16	
3/7/2007	43.28	5636.72	0.56
1/22/2008	41.20	5638.80	2.08
1/1/2009			
2/17/2010			
3/2/2011			

**All Historic Measurements**

