Water-Data Report 2009

292505098254002 Local number AY-68-37-522 (San Antonio Transect A-2)

Edwards-Trinity aquifer system
Edwards and Associated Limestones

Bexar County, TX

LOCATION.--Lat 29°25′05″, long 98°25′40″ referenced to North American Datum of 1927, Bexar County, TX, Hydrologic Unit 12100301.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,075 ft. Upper casing diameter 4 in; top of first opening 1,014 ft, bottom of last opening 1,075 ft.

DATUM.--Land-surface datum is 621.17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Quick connect for calibrated pressure gage, 3.58 ft above land-surface datum, May 23, 2002, to present.

PERIOD OF RECORD.--May 2002 to current year.

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Mar. 1986 to Jan. 1993, Aug. 1995 to Aug. 2004, Dec. 2006.
BIOCHEMICAL DATA: July 1989, Dec. 2006.
RADIOCHEMICAL DATA: Jan. 1987, Apr. 1988, Jan. 1987 to Jan. 1989, June 2000 to Dec. 2002, Dec. 2006.

REMARKS.--Records good. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

EXTREMES FOR CURRENT YEAR.--Highest water level, 51.02 ft above land surface datum, Dec. 26; lowest water level, 19.62 ft above land surface datum, July 3.

292505098254002 Local number AY-68-37-522 (San Antonio Transect A-2)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
[- (minus sign), value is water level above land surface]

Day	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
		October			November			December			January	
1	-47.78	-48.46	-48.17	-47.23	-48.34	-47.84	-47.38	-48.40	-47.89	-49.13	-49.81	-49.49
2	-47.80	-48.53	-48.18	-47.23	-48.07	-47.70	-47.61	-48.22	-47.96	-49.31	-49.77	-49.53
3	-47.81	-48.32	-48.01	-47.12	-47.70	-47.45	-47.50	-48.35	-47.99	-49.24	-49.98	-49.67
4	-47.32	-48.15	-47.83	-47.11	-47.76	-47.45	-47.43	-48.11	-47.76	-49.24	-49.79	-49.56
5	-47.31	-48.04	-47.73	-47.11	-47.80	-47.52	-47.47	-48.04	-47.86	-49.34	-49.67	-49.52
6	-47.09	-47.52	-47.35	-46.98	-47.79	-47.46	---	---	---	-49.25	-49.91	-49.60
7	-46.95	-47.53	-47.30	-46.89	-47.67	-47.33	-48.33	-49.31	-48.84	-49.10	-49.87	-49.55
8	-46.90	-47.65	-47.27	-47.10	-47.76	-47.42	-48.21	-49.26	-48.79	-49.19	-50.14	-49.76
9	-46.67	-47.36	-47.07	-47.31	-48.08	-47.71	-47.83	-48.93	-48.49	-49.20	-49.99	-49.65
10	-46.41	-47.07	-46.80	-47.42	-47.97	-47.69	-47.95	-48.73	-48.50	-49.02	-49.59	-49.34
11	-46.41	-47.21	-46.94	-47.18	-48.06	-47.62	---	---	---	-49.25	-49.88	-49.58
12	-46.60	-47.39	-47.09	-46.95	-47.82	-47.40	-48.80	-49.28	-49.06	-49.20	-49.94	-49.54
13	-46.60	-47.19	-47.00	-47.05	-47.84	-47.46	-48.94	-49.63	-49.32	-49.29	-49.76	-49.57
14	-47.03	-47.70	-47.41	-47.14	-47.97	-47.57	-48.89	-49.90	-49.51	-49.13	-49.77	-49.49
15	-47.16	-47.81	-47.53	-46.94	-47.61	-47.30	---	---	---	-48.62	-49.45	-49.04
16	-47.33	-48.26	-47.97	-46.97	-48.12	-47.63	-48.79	-49.52	-49.30	-48.73	-49.16	-48.93
17	-47.93	-48.40	-48.19	-47.12	-47.87	-47.58	-49.33	-49.77	-49.56	-49.15	-49.80	-49.58
18	-47.94	-48.85	-48.46	-47.25	-47.78	-47.49	-49.42	-50.03	-49.69	-49.61	-50.21	-49.86
19	-48.10	-48.79	-48.45	-47.09	-47.69	-47.42	-49.51	-50.00	-49.76	-49.07	-49.95	-49.62
20	-47.76	-48.43	-48.19	-46.75	-47.71	-47.29	-49.84	-50.42	-50.20	-48.55	-49.45	-49.14
21	-47.76	-48.45	-48.17	-46.83	-47.27	-47.07	-50.04	-50.45	-50.31	-48.45	-49.14	-48.85
22	-47.78	-48.59	-48.22	-47.19	-47.94	-47.65	-50.18	-50.65	-50.43	-48.62	-49.29	-49.02
23	-47.68	-48.38	-48.09	-47.75	-48.39	-48.08	-50.06	-50.92	-50.53	-48.74	-49.30	-49.02
24	-47.68	-48.24	-47.98	-47.36	-48.37	-47.90	-49.76	-50.65	-50.25	-48.36	-49.14	-48.78
25	-47.81	-48.55	-48.21	-47.17	-47.93	-47.59	-49.95	-50.82	-50.54	-48.55	-49.28	-48.87
26	-47.84	-48.50	-48.24	-47.05	-47.85	-47.51	-50.32	-51.02	-50.71	-48.34	-49.16	-48.76
27	-47.44	-48.27	-47.77	-47.05	-48.04	-47.79	-49.55	-50.83	-50.33	-48.20	-49.00	-48.60
28	-47.27	-47.90	-47.61	-47.93	-48.57	-48.33	-49.55	-50.24	-49.98	-48.35	-48.86	-48.62
29	-47.32	-47.97	-47.68	-47.89	-48.72	-48.35	-48.94	-50.07	-49.63	-48.00	-48.85	-48.48
30	-47.24	-47.79	-47.59	-47.93	-48.79	-48.36	-49.12	-49.82	-49.50	-47.92	-48.50	-48.23
31	-47.34	-47.71	-47.52	---	---	---	-48.88	-49.71	-49.36	-48.13	-48.87	-48.56
Month	-46.41	-48.85	-47.74	-46.75	-48.79	-47.63	---	---	---	-47.92	-50.21	-49.22

292505098254002 Local number AY-68-37-522 (San Antonio Transect A-2)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
[- (minus sign), value is water level above land surface]

Day	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
		February			March			April			May	
1	-48.42	-49.30	-48.87	-43.52	-44.11	-43.79	-44.37	-44.96	-44.68	-39.40	-40.30	-39.94
2	-48.05	-48.70	-48.47	-43.29	-43.98	-43.68	-43.87	-44.80	-44.36	-39.26	-40.01	-39.65
3	-47.49	-48.53	-48.15	-42.73	-43.82	-43.34	-43.71	-44.52	-44.12	-38.34	-39.74	-39.34
4	-47.25	-48.01	-47.71	-42.39	-43.19	-42.82	-42.97	-44.23	-43.79	-37.39	-38.62	-38.18
5	-46.86	-47.75	-47.43	-42.23	-43.03	-42.70	-42.18	-43.59	-43.03	-36.98	-37.95	-37.58
6	-46.77	-47.18	-46.96	-41.99	-42.78	-42.43	-41.62	-42.66	-42.15	-36.08	-37.60	-37.02
7	-46.63	-47.41	-47.08	-42.06	-42.94	-42.56	-41.56	-42.33	-42.07	-35.22	-36.49	-35.95
8	-46.43	-47.41	-46.89	-42.07	-42.94	-42.54	-41.02	-42.11	-41.73	---	---	---
9	-46.34	-47.16	-46.77	-41.75	-42.78	-42.29	-40.29	-41.61	-41.11	---	---	---
10	-46.34	-47.03	-46.77	-41.90	-42.60	-42.38	-39.85	-40.75	-40.22	---	---	---
11	-46.31	-46.95	-46.62	-42.25	-42.88	-42.56	-40.11	-41.17	-40.68	---	---	---
12	-45.79	-46.56	-46.23	-42.85	-44.47	-43.72	-41.17	-41.83	-41.62	---	---	---
13	-45.51	-46.21	-45.85	-44.47	-45.92	-45.27	-41.07	-42.05	-41.63	-30.66	-31.73	-31.33
14	-45.63	-46.26	-45.92	-45.92	-47.10	-46.59	-40.30	-41.28	-40.89	-29.96	-31.07	-30.66
15	-45.33	-46.24	-45.85	-47.10	-47.70	-47.53	-39.75	-40.63	-40.21	-29.68	-30.60	-30.16
16	-44.85	-45.74	-45.37	-47.19	-47.85	-47.63	-39.85	-40.28	-40.07	-29.76	-30.80	-30.32
17	-44.83	-45.37	-45.09	-46.94	-47.65	-47.42	-40.28	-41.31	-40.81	-30.80	-32.73	-32.19
18	-44.47	-45.51	-45.08	-46.61	-47.46	-47.12	-41.31	-42.49	-42.08	-32.56	-33.35	-33.01
19	-44.40	-45.05	-44.78	-46.47	-47.23	-46.88	-42.29	-42.99	-42.74	-32.84	-33.55	-33.33
20	-44.26	-44.84	-44.60	-46.07	-46.93	-46.59	-42.14	-42.91	-42.66	-33.27	-33.95	-33.64
21	-43.94	-45.15	-44.58	-45.58	-46.77	-46.29	-41.54	-42.67	-42.24	-33.14	-34.03	-33.76
22	-43.89	-44.79	-44.40	-45.49	-46.54	-46.09	-40.97	-42.00	-41.62	-33.09	-33.64	-33.42
23	-43.59	-44.56	-44.13	-45.26	-46.25	-45.76	-40.01	-41.29	-40.72	-33.37	-34.15	-33.80
24	---	---	---	-45.32	-46.03	-45.73	-39.51	-40.31	-39.86	-34.15	-35.48	-35.01
25	---	---	---	-45.22	-45.69	-45.49	-39.43	-40.06	-39.70	-35.48	-36.26	-36.00
26	-43.20	-44.15	-43.70	-45.02	-45.73	-45.43	-39.40	-40.02	-39.67	-35.93	-36.74	-36.36
27	-43.02	-43.81	-43.40	-45.22	-45.98	-45.59	-38.63	-39.74	-39.24	-36.54	-37.09	-36.89
28	-43.14	-43.52	-43.41	-45.22	-46.09	-45.84	-39.29	-39.84	-39.66	-37.03	-37.52	-37.30
29	---	---	---	-45.50	-46.27	-45.96	-39.73	-40.24	-40.09	-36.84	-37.41	-37.15
30	---	---	---	-44.94	-46.03	-45.56	-39.69	-40.39	-40.07	-36.43	-37.27	-36.95
31	---	---	---	-44.40	-45.34	-44.96	---	---	---	-36.24	-37.15	-36.79
Month	---	---	---	-41.75	-47.85	-44.92	-38.63	-44.96	-41.45	---	---	---

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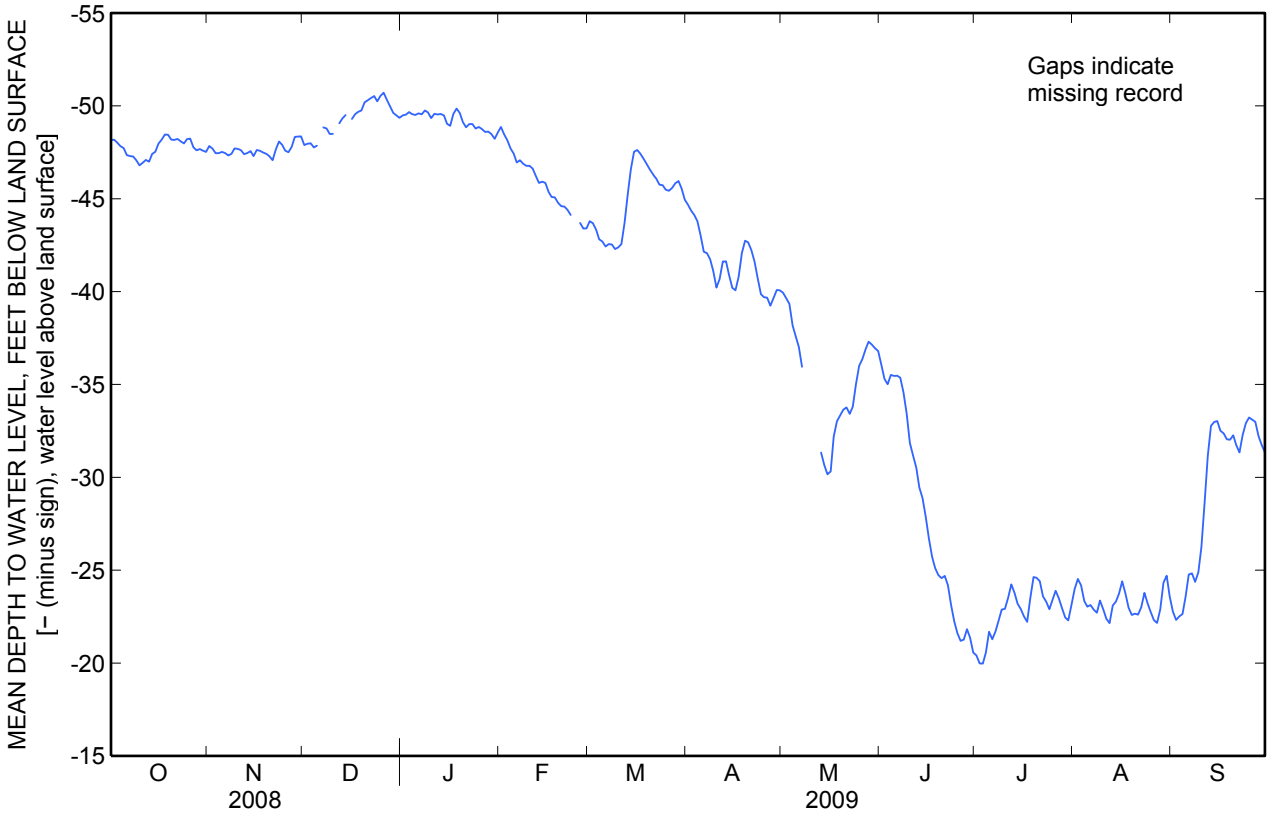
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
[- (minus sign), value is water level above land surface]

Day	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
		June			July			August			September	
1	-35.24	-36.58	-36.04	-19.89	-20.69	-20.41	-23.55	-24.32	-23.99	-22.07	-23.27	-22.76
2	-34.58	-35.73	-35.30	-19.66	-20.16	-19.98	-23.97	-24.85	-24.53	-21.89	-22.73	-22.32
3	-34.58	-35.31	-35.01	-19.62	-20.23	-19.97	-23.43	-24.66	-24.18	-21.89	-22.80	-22.51
4	-35.15	-35.76	-35.51	-19.68	-20.91	-20.56	-22.58	-23.81	-23.34	-22.16	-22.93	-22.64
5	-35.13	-35.68	-35.46	-20.83	-22.00	-21.68	-22.55	-23.34	-23.04	-22.88	-23.88	-23.56
6	-35.07	-35.73	-35.47	-20.85	-21.76	-21.28	-22.55	-23.53	-23.12	-23.88	-25.07	-24.77
7	-34.94	-35.65	-35.36	-20.85	-22.19	-21.70	-22.45	-23.21	-22.87	-23.91	-25.38	-24.83
8	-33.66	-35.18	-34.57	-21.99	-22.76	-22.30	-22.34	-23.02	-22.71	-23.91	-24.57	-24.37
9	-32.23	-33.98	-33.43	-22.34	-23.25	-22.88	-22.46	-23.80	-23.36	-24.50	-25.41	-24.89
10	-31.07	-32.36	-31.85	-22.64	-23.19	-22.92	-22.18	-23.54	-22.91	-25.41	-27.29	-26.24
11	-30.62	-31.56	-31.17	-22.86	-23.84	-23.51	-22.04	-22.67	-22.38	-27.29	-29.83	-28.63
12	-29.68	-31.01	-30.52	-23.43	-24.63	-24.23	-21.90	-22.44	-22.15	-29.83	-32.01	-31.16
13	-28.67	-29.90	-29.45	-22.96	-24.38	-23.78	-22.40	-23.53	-23.10	-32.01	-33.10	-32.77
14	-28.22	-29.32	-28.89	-22.73	-23.53	-23.20	-22.92	-23.60	-23.31	-32.71	-33.21	-32.98
15	-27.00	-28.40	-27.88	-22.57	-23.24	-22.91	-22.91	-24.20	-23.73	-32.63	-33.26	-33.03
16	-26.00	-27.09	-26.70	-21.89	-22.84	-22.51	-23.74	-24.77	-24.40	-32.03	-33.00	-32.50
17	-25.17	-26.01	-25.72	-21.81	-22.70	-22.22	-22.95	-24.30	-23.75	-32.10	-32.63	-32.37
18	-24.73	-25.49	-25.11	-22.70	-23.89	-23.52	-22.31	-23.44	-22.98	-31.64	-32.60	-32.05
19	-24.23	-25.11	-24.73	-23.83	-25.03	-24.63	-22.14	-23.09	-22.59	-31.78	-32.51	-32.02
20	-24.16	-24.87	-24.57	-24.23	-25.04	-24.59	-22.11	-23.11	-22.66	-31.62	-32.65	-32.26
21	-24.16	-25.08	-24.69	-23.59	-24.83	-24.41	-22.29	-22.90	-22.61	-31.26	-32.21	-31.73
22	-23.37	-24.76	-24.18	-22.96	-24.16	-23.59	-22.29	-23.22	-23.00	-31.11	-31.83	-31.34
23	-22.39	-23.44	-23.15	-22.73	-23.72	-23.30	-23.16	-24.28	-23.78	-31.83	-32.54	-32.28
24	-21.67	-22.60	-22.25	-22.56	-23.08	-22.90	-22.48	-23.77	-23.21	-32.53	-33.11	-32.92
25	-21.27	-21.71	-21.61	-22.56	-23.74	-23.39	-22.27	-23.09	-22.75	-32.73	-33.54	-33.22
26	-20.85	-21.36	-21.19	-23.18	-24.48	-23.89	-21.88	-22.71	-22.31	-32.75	-33.39	-33.11
27	-20.81	-21.65	-21.26	-22.80	-23.98	-23.48	-21.78	-22.47	-22.16	-32.49	-33.29	-32.99
28	-21.12	-22.22	-21.82	-22.47	-23.30	-22.95	-21.78	-23.56	-22.90	-31.62	-32.70	-32.22
29	-20.60	-21.67	-21.37	-22.03	-22.82	-22.45	-23.56	-24.66	-24.33	-31.23	-31.99	-31.74
30	-20.26	-20.67	-20.56	-22.03	-22.55	-22.30	-23.92	-25.17	-24.70	-30.86	-31.72	-31.35
31	---	---	---	-22.43	-23.57	-23.13	-22.88	-24.14	-23.58	---	---	---
Month	-20.26	-36.58	-28.16	-19.62	-25.04	-22.73	-21.78	-25.17	-23.24	-21.89	-33.54	-29.39

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