Water-Data Report 2006

292556098260701 Local number AY-68-37-526 (San Antonio Transect D-1)

Edwards-Trinity aquifer system
Edwards and Associated Limestones

Bexar County, TX

LOCATION.--Lat 29°25′56″, long 98°26′07″ referenced to North American Datum of 1927, Bexar County, TX, Hydrologic Unit 12100301.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 1223 ft. Upper casing diameter 4 in; top of first opening 1,220 ft, bottom of last opening 1,223 ft.

DATUM.--Land-surface datum is 643.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Quick connect for calibrated pressure gage, 3.78 ft above land-surface datum, Nov. 20, 2003, to present.

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

EXTREMES FOR CURRENT YEAR.--Highest water level, -36.70 ft below land surface datum, Dec 20; lowest water level, -3.24 ft below land surface datum, Aug 21.

292556098260701 Local number AY-68-37-526 (San Antonio Transect D-1)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

[- (minus sign), value is water level above land surface; e, estimated]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	-31.53	-32.97	-32.17	-34.95	-36.03	-35.43	-34.06	-35.18	-34.66	-34.33	-35.49	-34.93
2	-31.35	-32.69	-32.08	-34.97	-35.88	-35.43	-34.13	-35.41	-34.70	-33.72	-35.51	-34.71
3	-31.26	-32.58	-31.97	-34.77	-35.75	-35.25	-34.03	-35.49	-34.92	-32.95	-34.99	-34.10
4	-31.88	-32.82	-32.30	-34.60	-35.84	-35.14	-34.68	-35.86	-35.06	-32.72	-34.07	-33.41
5	-31.75	-32.95	-32.35	-34.48	-35.95	-35.27	-34.28	-35.22	-34.77	-32.50	-33.98	-33.32
6	-31.83	-32.96	-32.34	-34.14	-35.89	-35.02	-34.30	-35.37	-34.79	-32.41	-34.09	-33.27
7	-32.04	-33.51	-32.82	-33.73	-35.13	-34.55	-34.16	-35.13	-34.77	-32.73	-34.37	-33.34
8	-32.85	-34.07	-33.47	-33.93	-34.96	-34.43	---	---	e-34.61	-32.40	-34.12	-33.13
9	-32.86	-34.33	-33.59	-33.72	-35.21	-34.44	-34.08	-35.42	-34.69	-32.13	-33.27	-32.73
10	-33.32	-34.27	-33.72	-33.81	-35.02	-34.41	-34.10	-35.67	-34.83	-32.32	-33.39	-32.71
11	-33.73	-34.90	-34.19	-33.90	-35.20	-34.53	-33.90	-35.55	-34.92	-32.23	-33.10	-32.69
12	-34.43	-35.38	-34.89	-33.71	-35.11	-34.47	-34.12	-35.39	-34.85	-31.89	-33.48	-32.63
13	-34.77	-35.75	-35.25	-33.46	-35.20	-34.43	-35.32	-36.16	-35.81	-31.93	-33.27	-32.58
14	-34.70	-35.85	-35.42	-33.56	-34.95	-34.23	-35.26	-36.47	-36.00	-31.85	-33.43	-32.69
15	-34.89	-36.27	-35.54	-33.64	-34.88	-34.19	-34.87	-36.44	-35.62	-32.27	-33.63	-32.86
16	-34.77	-36.33	-35.55	-33.66	-34.80	-34.44	-35.18	-35.91	-35.60	-32.23	-33.95	-32.86
17	-34.67	-35.96	-35.26	-33.85	-34.96	-34.35	-35.40	-36.28	-35.91	-32.12	-33.38	-32.65
18	-34.73	-35.68	-35.23	-34.00	-35.08	-34.46	-35.43	-36.48	-36.00	-32.03	-33.38	-32.68
19	-34.61	-35.83	-35.19	-34.01	-35.51	-34.81	-35.65	-36.45	-36.08	-32.22	-33.41	-32.73
20	-34.54	-35.45	-34.99	-34.08	-35.33	-34.73	-35.72	-36.70	-36.26	-32.15	-33.70	-32.70
21	-34.13	-35.12	-34.56	-33.62	-35.05	-34.44	-35.51	-36.63	-36.12	-32.13	-33.34	-32.80
22	-34.10	-35.09	-34.65	-33.64	-35.01	-34.32	-35.41	-36.48	-36.06	-32.72	-34.05	-33.32
23	-33.98	-35.72	-34.86	-33.53	-34.89	-34.08	-35.10	-36.45	-35.90	-32.54	-33.92	-33.14
24	-34.12	-35.03	-34.68	-33.58	-34.86	-34.34	-35.07	-36.40	-35.86	-33.02	-33.93	-33.45
25	-34.16	-35.45	-34.82	-34.06	-35.22	-34.68	-35.73	-36.47	-36.12	-32.39	-33.85	-33.09
26	-33.94	-35.49	-34.76	-34.31	-35.28	-34.85	-35.17	-36.62	-35.98	-32.16	-33.81	-32.87
27	-34.10	-35.17	-34.76	-34.30	-35.86	-35.19	-35.11	-36.23	-35.72	-32.30	-33.51	-32.91
28	-34.34	-35.42	-34.94	-34.00	-35.44	-34.70	-34.69	-36.08	-35.44	-32.77	-33.90	-33.34
29	-34.56	-35.87	-35.22	-34.30	-35.29	-34.86	-34.43	-35.85	-35.15	-32.84	-34.07	-33.40
30	-34.74	-35.98	-35.34	-34.52	-35.49	-34.93	-33.96	-35.65	-34.78	-32.79	-33.73	-33.19
31	-34.43	-35.79	-35.21	---	---	---	-33.72	-35.46	-34.70	-32.59	-34.20	-33.32
Month	-31.26	-36.33	-34.26	-33.46	-36.03	-34.68	---	---	-35.38	-31.85	-35.51	-33.15

292556098260701 Local number AY-68-37-526 (San Antonio Transect D-1)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

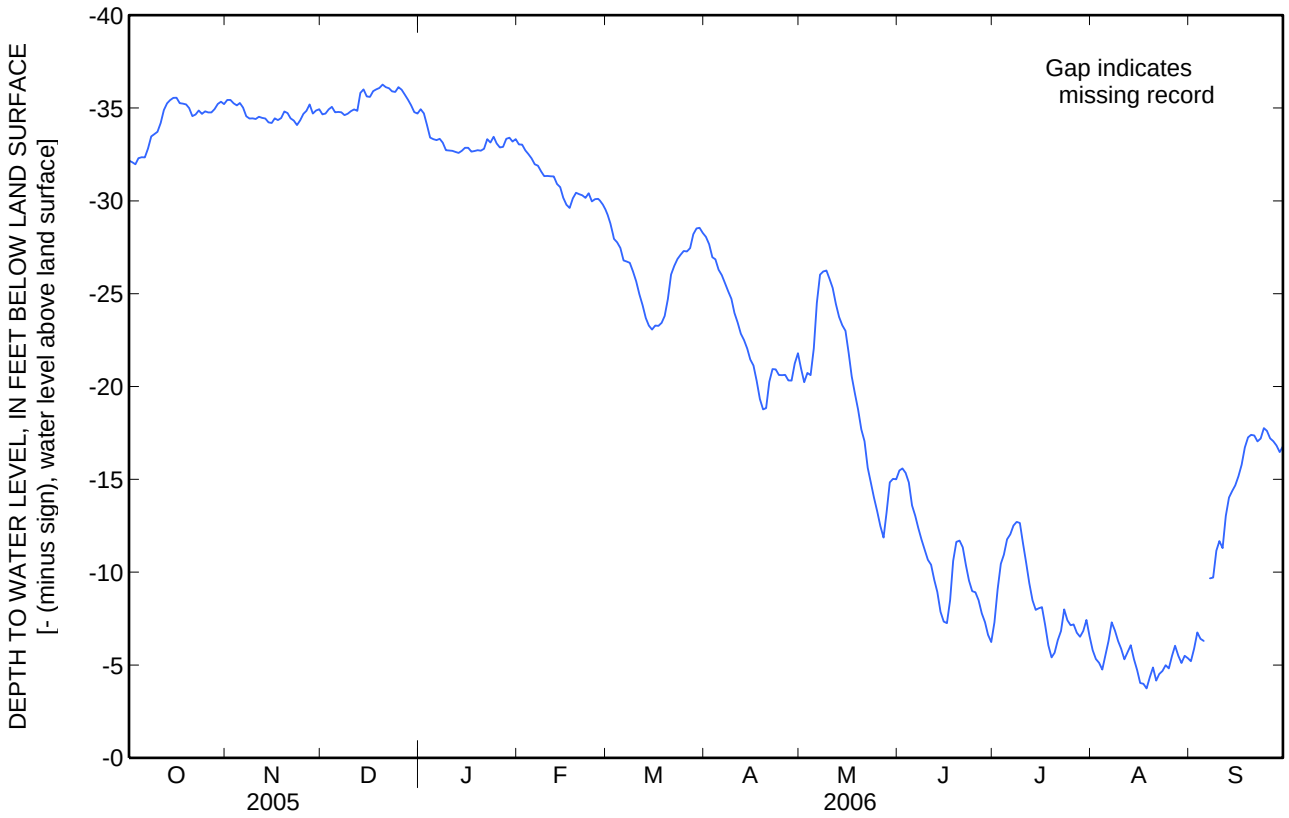
[- (minus sign), value is water level above land surface; e, estimated]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	-32.64	-33.46	-33.04	-28.40	-30.02	-29.25	-27.37	-29.06	-28.06	-19.79	-22.11	-20.98
2	-32.39	-33.85	-33.03	-27.92	-29.48	-28.66	-26.66	-28.68	-27.66	-19.69	-21.20	-20.23
3	-32.21	-33.25	-32.72	-27.50	-28.60	-27.95	-26.02	-27.93	-26.96	-20.23	-21.38	-20.73
4	-31.61	-33.55	-32.52	-27.08	-28.47	-27.76	-25.99	-27.72	-26.85	-20.16	-21.37	-20.61
5	-31.55	-33.28	-32.29	-26.51	-28.44	-27.46	-25.50	-27.41	-26.29	-20.16	-23.26	-22.05
6	-31.24	-32.89	-31.97	-26.11	-27.61	-26.79	-25.15	-26.89	-26.00	-22.90	-25.69	-24.50
7	-31.26	-32.54	-31.89	-26.30	-27.22	-26.73	-24.82	-26.51	-25.57	-25.21	-26.82	-26.02
8	-30.82	-32.30	-31.58	-26.09	-27.26	-26.66	-24.15	-26.08	-25.13	-25.84	-26.51	-26.20
9	-30.79	-32.08	-31.33	-25.35	-27.17	-26.20	-23.60	-25.63	-24.72	-25.57	-26.96	-26.25
10	-30.83	-31.83	-31.34	-24.89	-26.41	-25.66	-22.87	-25.02	-23.96	-25.05	-26.45	-25.78
11	-30.62	-32.12	-31.32	-24.02	-26.11	-24.96	-22.36	-24.48	-23.45	-24.70	-25.77	-25.31
12	-30.57	-32.01	-31.31	-23.52	-25.49	-24.38	-21.95	-24.08	-22.84	-23.75	-25.26	-24.45
13	-30.20	-31.77	-30.91	-22.73	-24.75	-23.69	-21.90	-23.49	-22.50	-22.85	-24.65	-23.75
14	-29.86	-31.65	-30.74	-22.48	-24.14	-23.28	-21.07	-22.93	-22.04	-22.68	-23.90	-23.30
15	-29.42	-31.05	-30.17	-22.61	-23.79	-23.07	-20.51	-22.30	-21.46	-21.59	-23.81	-23.00
16	-29.17	-30.39	-29.79	-22.75	-24.05	-23.28	-20.30	-22.02	-21.13	-20.48	-22.83	-21.80
17	-29.22	-30.30	-29.62	-22.87	-23.78	-23.27	-18.74	-21.25	-20.30	-19.57	-21.35	-20.54
18	-29.64	-30.61	-30.13	-22.78	-24.01	-23.43	-18.44	-20.26	-19.33	-18.71	-20.49	-19.62
19	---	---	e-30.43	-23.32	-24.11	-23.80	-17.89	-19.86	-18.77	-17.47	-19.91	-18.75
20	-29.89	-30.89	-30.36	-23.74	-25.55	-24.71	-18.31	-19.37	-18.84	-16.67	-18.60	-17.69
21	-29.59	-30.92	-30.30	-25.44	-26.73	-26.03	-19.37	-20.68	-20.26	-15.82	-18.02	-17.05
22	-29.52	-30.71	-30.16	-25.82	-27.37	-26.50	-20.49	-21.60	-20.94	-14.53	-16.79	-15.62
23	-29.52	-30.79	-30.41	-26.40	-27.31	-26.87	-20.30	-21.64	-20.92	-13.65	-15.82	-14.85
24	-29.48	-30.47	-29.97	-26.77	-27.50	-27.09	-19.87	-21.24	-20.62	-12.89	-14.80	-14.02
25	-29.55	-30.58	-30.09	-26.08	-28.29	-27.30	-19.87	-21.09	-20.61	-12.45	-13.99	-13.29
26	-29.51	-30.73	-30.11	-26.66	-28.36	-27.27	-20.15	-21.22	-20.63	-11.59	-13.36	-12.49
27	-29.45	-30.51	-29.93	-26.72	-27.95	-27.45	-19.67	-21.00	-20.33	-11.13	-12.82	-11.87
28	-28.79	-30.37	-29.62	-27.70	-28.97	-28.20	-19.64	-21.14	-20.32	-11.21	-14.28	-13.23
29	---	---	---	-28.02	-29.20	-28.51	-20.33	-21.85	-21.24	-14.15	-15.27	-14.84
30	---	---	---	-27.78	-29.52	-28.55	-20.67	-22.54	-21.79	-14.52	-15.68	-15.03
31	---	---	---	-27.68	-29.28	-28.27	---	---	---	-14.58	-15.53	-15.00
Month	---	---	-30.97	-22.48	-30.02	-26.23	-17.89	-29.06	-22.65	-11.13	-26.96	-19.64

292556098260701 Local number AY-68-37-526 (San Antonio Transect D-1)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

[- (minus sign), value is water level above land surface; e, estimated]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	-15.10	-15.80	-15.48	-6.19	-8.34	-7.30	-4.94	-6.50	-5.80	-4.76	-5.62	-5.21
2	-15.01	-16.33	-15.59	-8.19	-10.09	-9.08	-4.53	-5.92	-5.33	-5.15	-6.30	-5.89
3	-14.23	-16.27	-15.35	-10.03	-11.14	-10.45	-4.30	-5.95	-5.12	-5.86	-7.12	-6.76
4	-13.95	-15.54	-14.83	-10.45	-11.54	-10.94	-4.30	-5.39	-4.76	-5.50	-7.03	-6.41
5	-12.63	-14.58	-13.60	-11.21	-12.18	-11.77	-4.49	-6.51	-5.51	-5.50	-7.38	-6.30
6	-12.27	-13.61	-13.04	-11.58	-12.59	-12.04	-5.15	-7.12	-6.29	---	---	---
7	-11.12	-13.52	-12.38	-12.01	-12.91	-12.51	-6.83	-7.95	-7.30	-9.03	-10.27	-9.67
8	-10.95	-12.68	-11.76	-12.03	-13.51	-12.71	-6.24	-7.61	-6.86	-9.03	-10.21	-9.71
9	-10.73	-11.95	-11.21	-11.95	-13.47	-12.65	-5.45	-6.73	-6.29	-10.21	-11.52	-11.16
10	-9.72	-11.59	-10.67	-10.80	-12.57	-11.58	-5.00	-6.70	-5.88	-11.15	-12.25	-11.68
11	-9.28	-11.26	-10.40	-9.49	-11.42	-10.52	-4.49	-5.85	-5.31	---	---	e-11.30
12	-8.50	-10.45	-9.58	-7.98	-10.19	-9.40	-4.49	-6.42	-5.69	-12.22	-13.68	-13.03
13	-8.51	-9.57	-8.94	-7.37	-9.36	-8.49	-5.22	-6.87	-6.07	-13.51	-14.38	-14.02
14	-6.97	-8.62	-7.87	-7.37	-8.66	-7.97	-4.09	-6.27	-5.32	-14.06	-14.65	-14.38
15	-6.60	-7.95	-7.34	-7.47	-8.90	-8.06	-3.46	-5.51	-4.72	-14.33	-14.95	-14.68
16	-6.60	-7.85	-7.26	-7.31	-8.81	-8.12	-3.45	-4.62	-4.03	-14.87	-15.32	-15.17
17	-7.22	-9.21	-8.50	-5.88	-8.10	-7.15	-3.40	-4.73	-3.99	-15.31	-16.07	-15.79
18	-9.11	-11.57	-10.61	-5.48	-6.59	-6.06	-3.43	-4.27	-3.74	-15.85	-17.18	-16.72
19	-11.31	-11.92	-11.63	---	---	e-5.41	-3.51	-5.13	-4.34	-16.75	-17.49	-17.26
20	-10.96	-12.26	-11.70	---	---	e-5.66	-3.84	-5.83	-4.87	-17.00	-17.74	-17.40
21	-10.21	-12.20	-11.34	-5.89	-6.89	-6.34	-3.24	-4.79	-4.16	-17.01	-17.73	-17.37
22	-9.88	-11.25	-10.37	-6.21	-7.54	-6.83	-3.31	-5.45	-4.52	-16.57	-17.56	-17.05
23	-8.79	-10.40	-9.55	-7.21	-8.80	-8.00	-3.94	-5.38	-4.68	-16.81	-17.64	-17.20
24	-8.26	-9.72	-8.98	-6.39	-8.30	-7.41	-3.98	-5.61	-4.99	-17.15	-18.17	-17.76
25	-8.37	-9.63	-8.92	-6.39	-7.95	-7.14	-3.98	-5.28	-4.82	-16.92	-17.91	-17.62
26	-7.49	-9.23	-8.49	-6.30	-7.88	-7.19	-4.60	-6.16	-5.50	-16.69	-17.71	-17.21
27	-6.99	-8.50	-7.78	-6.01	-7.45	-6.74	-5.26	-6.61	-6.04	-16.67	-17.28	-17.06
28	-6.67	-8.11	-7.31	-5.71	-7.16	-6.52	-4.66	-6.26	-5.51	-16.37	-17.12	-16.82
29	-5.72	-7.38	-6.63	-5.71	-7.49	-6.83	-4.52	-5.62	-5.11	-15.92	-17.01	-16.47
30	-5.71	-6.69	-6.24	-6.73	-8.15	-7.43	-4.81	-6.03	-5.50	-16.42	-17.15	-16.78
31	---	---	---	-5.66	-7.63	-6.58	-4.86	-5.91	-5.37	---	---	---
Month	-5.71	-16.33	-10.45	---	---	-8.54	-3.24	-7.95	-5.27	---	---	---

292556098260701 Local number AY-68-37-526 (San Antonio Transect D-1)—Continued