

Water-Data Report 2012

290955098562101 Local number TD-68-49-813 (Devine)

Edwards-Trinity aquifer system
Edwards and Associated Limestones

Medina County, TX

LOCATION.--Lat 29°09'56.80", long 98°56'21.88" referenced to North American Datum of 1983, Medina County, TX, Hydrologic Unit 12110109.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 3,200 ft. Upper casing diameter 8.62 in; top of first opening 2,570 ft, bottom of last opening 3,194 ft.

DATUM.--Land-surface datum is 663.2 ft above North American Vertical Datum of 1988. Measuring point: Quick connect for calibrated pressure gage, 2.50 ft above land-surface datum, Oct. 1, 2002, to present.

PERIOD OF RECORD.--Oct. 2002 to March 2012.

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Mar. 1973 to Nov. 1973, Aug. 1977, Aug. 1979 to July 1990, Mar. 1992 to Feb. 2003, Dec. 2006.

BIOCHEMICAL DATA: Mar. 1973 to Nov. 1973, Aug. 1979 to Apr. 1987.

BIOLOGICAL DATA: Aug. 1980, June 1982.

PESTICIDE DATA: July 1984, Apr. 1987.

RADIOCHEMICAL DATA: July 1989, Feb. 2003, Dec. 2006.

REMARKS.--Records fair. Some records listed in the "Period of Record" for groundwater and water quality may not be available electronically. In Mar 2012 the well was irreparably damaged by a tornado. As this is an artesian, saline well, the decision was made to abandon and plug the well.

EXTREMES FOR CURRENT YEAR.--Highest water level, 19.18 ft above land surface datum, Mar. 26; lowest water level, 6.28 ft above land surface datum, Oct. 4.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE

WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	-6.41	-6.81	-6.53	-8.74	-9.45	-9.02	-10.30	-10.84	-10.53	-12.37	-12.76	-12.56
2	-6.32	-6.88	-6.51	-8.91	-9.57	-9.14	-10.41	-10.70	-10.56	-12.24	-12.61	-12.39
3	-6.29	-6.93	-6.53	-8.57	-9.01	-8.74	-10.70	-11.02	-10.86	-12.36	-12.85	-12.58
4	-6.28	-6.98	-6.56	-8.57	-9.24	-8.80	-10.73	-10.91	-10.83	-12.70	-13.12	-12.86
5	-6.46	-7.06	-6.71	-8.77	-9.31	-9.02	-10.52	-10.85	-10.72	-12.75	-13.09	-12.91
6	-6.64	-7.32	-6.88	-9.01	-9.34	-9.13	-10.41	-10.85	-10.60	-12.94	-13.46	-13.18
7	-6.72	-7.26	-6.90	-8.98	-9.27	-9.10	-10.43	-10.98	-10.63	-13.12	-13.50	-13.25
8	-6.77	-7.19	-6.91	-8.62	-9.26	-8.99	-10.62	-11.21	-10.89	-13.12	-13.43	-13.28
9	-6.76	-7.03	-6.85	-8.25	-8.64	-8.52	-10.85	-11.21	-11.01	-13.04	-13.40	-13.27
10	-6.78	-7.32	-6.99	-8.21	-8.73	-8.36	-10.79	-10.93	-10.87	-13.03	-13.53	-13.26
11	-6.98	-7.70	-7.32	-8.25	-8.89	-8.52	-10.79	-11.15	-11.03	-13.25	-13.79	-13.48
12	-7.36	-8.17	-7.67	-8.46	-9.12	-8.76	-11.07	-11.34	-11.22	-12.97	-13.38	-13.09
13	-7.57	-8.20	-7.76	-8.66	-9.33	-8.93	-11.25	-11.55	-11.42	-12.90	-13.16	-12.99
14	-7.60	-8.41	-7.89	-8.87	-9.32	-9.05	-11.50	-11.77	-11.64	-12.82	-13.12	-12.93
15	-7.79	-8.53	-8.07	-9.01	-9.43	-9.13	-11.51	-11.73	-11.64	-12.88	-13.13	-13.01
16	-7.96	-8.78	-8.29	-8.71	-9.45	-9.04	-11.35	-11.51	-11.43	-13.13	-13.47	-13.28
17	-8.27	-9.18	-8.65	-8.49	-8.96	-8.67	-11.29	-11.41	-11.35	-13.02	-13.40	-13.26
18	-8.31	-8.78	-8.55	-8.70	-9.25	-8.97	-11.39	-11.81	-11.57	-12.91	-13.33	-13.07
19	-8.13	-8.89	-8.42	-9.16	-9.79	-9.37	-11.81	-12.20	-12.03	-13.09	-13.60	-13.32
20	-8.22	-8.97	-8.50	-9.30	-9.76	-9.45	-11.80	-12.07	-11.94	-13.21	-13.58	-13.37
21	-8.31	-9.06	-8.60	-9.40	-9.95	-9.61	-11.82	-12.15	-11.99	-13.15	-13.43	-13.27
22	-8.49	-9.18	-8.75	-9.25	-10.04	-9.62	-11.79	-12.30	-12.05	-13.11	-13.60	-13.36
23	-8.60	-9.31	-8.82	-9.24	-9.93	-9.44	-11.75	-11.94	-11.84	-13.04	-13.37	-13.15
24	-8.54	-9.25	-8.76	-9.28	-10.04	-9.60	-11.76	-11.97	-11.89	-13.09	-13.49	-13.31
25	-8.63	-9.33	-8.86	-9.57	-10.37	-9.98	-11.81	-12.04	-11.96	-13.12	-13.47	-13.34
26	-8.80	-9.52	-9.07	-9.58	-10.22	-9.99	-11.94	-12.48	-12.20	-13.08	-13.45	-13.21
27	-8.73	-9.61	-9.13	-9.56	-10.03	-9.73	-12.13	-12.53	-12.29	-13.10	-13.59	-13.31
28	-8.45	-8.92	-8.70	-9.68	-10.56	-10.06	-12.26	-12.77	-12.51	-13.03	-13.28	-13.14
29	-8.38	-9.07	-8.64	-10.06	-10.50	-10.20	-12.48	-12.95	-12.68	-13.00	-13.37	-13.16
30	-8.58	-9.21	-8.80	-10.01	-10.64	-10.27	-12.70	-13.01	-12.80	-13.23	-13.59	-13.42
31	-8.61	-9.31	-8.86	---	---	---	-12.71	-13.10	-12.84	-13.59	-13.86	-13.70
Month	-6.28	-9.61	-7.92	-8.21	-10.64	-9.24	-10.30	-13.10	-11.54	-12.24	-13.86	-13.15

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE

WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	-13.68	-14.04	-13.84	-17.47	-17.84	-17.63	---	---	---	---	---	---
2	-13.80	-14.23	-14.00	-17.76	-18.14	-17.89	---	---	---	---	---	---
3	-14.07	-14.32	-14.18	-17.33	-17.80	-17.60	---	---	---	---	---	---
4	-13.86	-14.20	-14.05	-17.33	-17.80	-17.50	---	---	---	---	---	---
5	-13.85	-14.06	-13.95	-17.39	-17.83	-17.54	---	---	---	---	---	---
6	-13.91	-14.31	-14.11	-17.48	-18.01	-17.75	---	---	---	---	---	---
7	-14.13	-14.56	-14.35	-17.78	-18.17	-17.95	---	---	---	---	---	---
8	-14.24	-14.59	-14.38	-17.61	-18.19	-17.99	---	---	---	---	---	---
9	-14.36	-14.83	-14.62	-17.46	-17.63	-17.56	---	---	---	---	---	---
10	-14.74	-15.01	-14.85	-17.54	-17.90	-17.73	---	---	---	---	---	---
11	-14.68	-14.85	-14.75	-17.82	-18.17	-17.95	---	---	---	---	---	---
12	-14.66	-15.12	-14.84	-17.89	-18.17	-18.00	---	---	---	---	---	---
13	-15.12	-15.64	-15.39	-17.99	-18.26	-18.10	---	---	---	---	---	---
14	-15.44	-15.77	-15.58	-18.10	-18.31	-18.17	---	---	---	---	---	---
15	-15.57	-15.92	-15.74	-18.11	-18.38	-18.20	---	---	---	---	---	---
16	-15.54	-15.77	-15.63	-18.17	-18.43	-18.28	---	---	---	---	---	---
17	-15.66	-15.92	-15.80	-18.27	-18.59	-18.38	---	---	---	---	---	---
18	-15.77	-16.17	-16.02	-18.31	-18.65	-18.47	---	---	---	---	---	---
19	-15.77	-16.23	-15.96	-18.50	-18.99	-18.74	---	---	---	---	---	---
20	-15.94	-16.39	-16.12	-18.52	-18.80	-18.68	---	---	---	---	---	---
21	-16.02	-16.57	-16.29	-18.50	-18.86	-18.62	---	---	---	---	---	---
22	-16.34	-16.91	-16.62	-18.51	-18.97	-18.69	---	---	---	---	---	---
23	-16.70	-17.14	-16.93	-18.59	-19.01	-18.73	---	---	---	---	---	---
24	-16.34	-16.90	-16.59	-18.68	-19.08	-18.82	---	---	---	---	---	---
25	-16.33	-16.72	-16.50	-18.75	-19.16	-18.90	---	---	---	---	---	---
26	-16.61	-17.00	-16.84	-18.86	-19.18	-19.00	---	---	---	---	---	---
27	-16.94	-17.09	-17.00	---	---	---	---	---	---	---	---	---
28	-17.09	-17.48	-17.28	---	---	---	---	---	---	---	---	---
29	-17.37	-17.63	-17.46	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	-13.68	-17.63	-15.51	---	---	---	---	---	---	---	---	---

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
 [- (minus sign), value is water level above land surface]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

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