294728095200103 Local number LJ-65-14-738 (Northeast Piezometer No. 4)

Coastal lowlands aquifer system
Chicot Aquifer

Harris County, TX

LOCATION.--Lat 29°47′28″, long 95°20′01″ referenced to North American Datum of 1927, Harris County, TX, Hydrologic Unit 12040104.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 487 ft. Upper casing diameter 4.5 in; top of first opening 472 ft, bottom of last opening 482 ft.

DATUM.--Land-surface datum is 51 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 2.3 ft above land-surface datum, Feb. 6, 2006, to present.

PERIOD OF RECORD.--Feb. 1980 to current (periodic water-level measurements); July 2004 to current (daily record).

GAGE.--Water-level recorder. Satellite telemeter at station.

REMARKS.--Records good.

EXTREMES FOR CURRENT YEAR.--Maximum water-level below land-surface datum 186.80 ft, Dec. 7, 8; minimum water-level below land-surface datum 179.88 ft, July 13.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: - - , static.]

Date	Water level	Measurement method	Water-level status	Date	Water level	Measurement method	Water-level status
Oct 6	184.33	V	--	Apr 18	181.51	V	--
Nov 2	185.93	V	--	May 17	180.39	V	--
30	186.51	V	--	Jun 12	180.04	V	--
Dec 30	185.87	V	--	Jul 5	180.13	V	--
Jan 23	184.74	V	--	Aug 6	180.23	V	--
Feb 23	183.51	V	--	Sep 5	180.89	V	--
Mar 21	182.63	V	--				

Water year 2012 highest: 180.04, Jun 12, 2012; lowest: 186.51, Nov 30, 2011
Period of record highest: 173.36, May 12, 2008; lowest: 273.24, Jan 5, 1982
Record available from Feb 15, 1980, to Dec 4, 2012; 435 entries

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 294728095200103, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/294728095200103.2012.pdf

294728095200103 Local number LJ-65-14-738 (Northeast Piezometer No. 4)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	183.90	183.78	183.85	185.92	185.89	185.91	186.63	186.52	186.57	185.87	185.82	185.85
2	184.00	183.90	183.95	185.96	185.91	185.93	186.67	186.63	186.66	185.87	185.84	185.85
3	184.11	184.00	184.06	186.04	185.96	186.01	186.69	186.65	186.67	185.84	185.74	185.79
4	184.21	184.11	184.17	186.06	186.03	186.04	186.69	186.64	186.67	185.74	185.67	185.70
5	184.30	184.21	184.25	186.07	186.04	186.05	186.66	186.57	186.61	185.69	185.62	185.65
6	184.38	184.29	184.33	186.12	186.06	186.09	186.75	186.64	186.68	185.62	185.55	185.57
7	184.48	184.38	184.43	186.14	186.10	186.12	186.80	186.74	186.77	185.56	185.50	185.52
8	184.56	184.48	184.51	186.16	186.10	186.13	186.80	186.75	186.78	185.52	185.45	185.48
9	184.57	184.37	184.48	186.26	186.16	186.20	186.77	186.72	186.74	185.47	185.21	185.32
10	184.52	184.43	184.46	186.30	186.26	186.27	186.77	186.72	186.74	185.28	185.22	185.24
11	184.61	184.52	184.55	186.30	186.26	186.28	186.74	186.65	186.68	185.24	185.16	185.20
12	184.69	184.60	184.63	186.29	186.25	186.27	186.66	186.60	186.62	185.25	185.19	185.23
13	184.79	184.69	184.74	186.28	186.25	186.26	186.62	186.55	186.58	185.24	185.21	185.22
14	184.88	184.79	184.83	186.29	186.26	186.27	186.55	186.48	186.51	185.22	185.17	185.19
15	184.97	184.88	184.92	186.29	186.25	186.27	186.49	186.44	186.46	185.17	185.09	185.14
16	185.01	184.97	184.99	186.38	186.27	186.32	186.48	186.45	186.46	185.09	185.02	185.05
17	185.03	185.01	185.02	186.44	186.38	186.43	186.48	186.46	186.47	185.02	184.98	185.00
18	185.16	185.03	185.09	186.45	186.41	186.43	186.46	186.38	186.43	185.01	184.95	184.99
19	185.25	185.16	185.20	186.42	186.39	186.41	186.38	186.28	186.32	184.95	184.87	184.90
20	185.31	185.24	185.27	186.45	186.41	186.43	186.28	186.22	186.24	184.88	184.81	184.84
21	185.38	185.30	185.34	186.45	186.41	186.43	186.25	186.20	186.22	184.84	184.79	184.81
22	185.43	185.37	185.40	186.47	186.40	186.42	186.20	186.13	186.16	184.80	184.73	184.75
23	185.50	185.41	185.44	186.50	186.45	186.47	186.20	186.16	186.18	184.76	184.73	184.74
24	185.57	185.49	185.52	186.50	186.46	186.48	186.19	186.10	186.14	184.74	184.67	184.70
25	185.60	185.56	185.57	186.49	186.42	186.45	186.11	186.06	186.07	184.68	184.51	184.59
26	185.62	185.58	185.60	186.45	186.36	186.41	186.06	185.99	186.02	184.57	184.55	184.56
27	185.69	185.62	185.64	186.45	186.43	186.44	186.01	185.97	185.99	184.58	184.54	184.56
28	185.79	185.69	185.73	186.45	186.42	186.43	186.00	185.93	185.96	184.59	184.55	184.58
29	185.81	185.79	185.80	186.49	186.43	186.46	185.93	185.88	185.90	184.59	184.54	184.57
30	185.85	185.81	185.83	186.52	186.49	186.51	185.88	185.86	185.87	184.54	184.47	184.50
31	185.89	185.85	185.88	---	---	---	185.86	185.82	185.84	184.47	184.40	184.43
Month	185.89	183.78	184.95	186.52	185.89	186.29	186.80	185.82	186.39	185.87	184.40	185.08

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	184.41	184.37	184.39	183.40	183.33	183.36	182.21	182.16	182.18	181.00	180.95	180.97
2	184.38	184.33	184.35	183.33	183.29	183.31	182.17	182.10	182.12	180.95	180.90	180.93
3	184.34	184.25	184.28	183.37	183.29	183.33	182.12	182.07	182.10	180.93	180.89	180.91
4	184.27	184.15	184.22	183.37	183.33	183.35	182.10	182.03	182.07	180.92	180.86	180.89
5	184.23	184.20	184.22	183.36	183.33	183.34	182.05	182.00	182.03	180.89	180.82	180.85
6	184.23	184.17	184.20	183.35	183.28	183.31	182.05	182.01	182.03	180.83	180.78	180.81
7	184.19	184.14	184.17	183.30	183.23	183.26	182.03	181.99	182.02	180.79	180.74	180.77
8	184.18	184.14	184.17	183.25	183.21	183.23	182.02	181.96	181.99	180.77	180.73	180.75
9	184.16	184.09	184.12	183.26	183.15	183.22	181.97	181.90	181.94	180.74	180.70	180.73
10	184.09	184.02	184.04	183.17	183.07	183.11	181.91	181.87	181.89	180.70	180.65	180.68
11	184.07	184.04	184.06	183.07	182.99	183.02	181.87	181.83	181.85	180.65	180.59	180.61
12	184.08	183.98	184.04	183.00	182.99	183.00	181.83	181.78	181.80	180.59	180.49	180.51
13	183.98	183.74	183.89	183.00	182.98	182.99	181.78	181.73	181.75	180.53	180.49	180.51
14	183.85	183.84	183.85	182.98	182.95	182.97	181.73	181.68	181.70	180.49	180.45	180.47
15	183.84	183.80	183.82	182.95	182.92	182.93	181.68	181.62	181.64	180.46	180.43	180.45
16	183.83	183.80	183.82	182.93	182.88	182.90	181.64	181.55	181.59	180.44	180.39	180.42
17	183.81	183.72	183.77	182.89	182.84	182.86	181.57	181.53	181.55	180.41	180.37	180.39
18	183.73	183.53	183.64	182.85	182.80	182.82	181.55	181.48	181.52	180.38	180.35	180.37
19	183.69	183.66	183.68	182.80	182.71	182.75	181.49	181.41	181.45	180.37	180.33	180.35
20	183.69	183.64	183.66	182.72	182.62	182.66	181.42	181.33	181.38	180.36	180.33	180.34
21	183.67	183.61	183.64	182.65	182.62	182.64	181.36	181.32	181.34	180.34	180.29	180.32
22	183.62	183.52	183.56	182.65	182.60	182.62	181.34	181.30	181.32	180.30	180.24	180.28
23	183.54	183.48	183.50	182.62	182.58	182.60	181.33	181.27	181.31	180.25	180.20	180.23
24	183.61	183.49	183.56	182.59	182.55	182.57	181.28	181.22	181.26	180.22	180.20	180.21
25	183.62	183.57	183.60	182.56	182.52	182.54	181.23	181.17	181.20	180.24	180.21	180.23
26	183.57	183.51	183.54	182.53	182.48	182.51	181.17	181.14	181.16	180.24	180.22	180.23
27	183.52	183.49	183.51	182.49	182.46	182.48	181.14	181.10	181.12	180.22	180.18	180.20
28	183.49	183.43	183.46	182.46	182.39	182.43	181.10	181.07	181.08	180.19	180.16	180.17
29	183.44	183.40	183.42	182.40	182.25	182.33	181.07	181.04	181.05	180.16	180.13	180.15
30	---	---	---	182.27	182.24	182.25	181.04	181.00	181.02	180.15	180.12	180.13
31	---	---	---	182.25	182.21	182.23	---	---	---	180.14	180.09	180.12
Month	184.41	183.40	183.87	183.40	182.21	182.87	182.21	181.00	181.62	181.00	180.09	180.48

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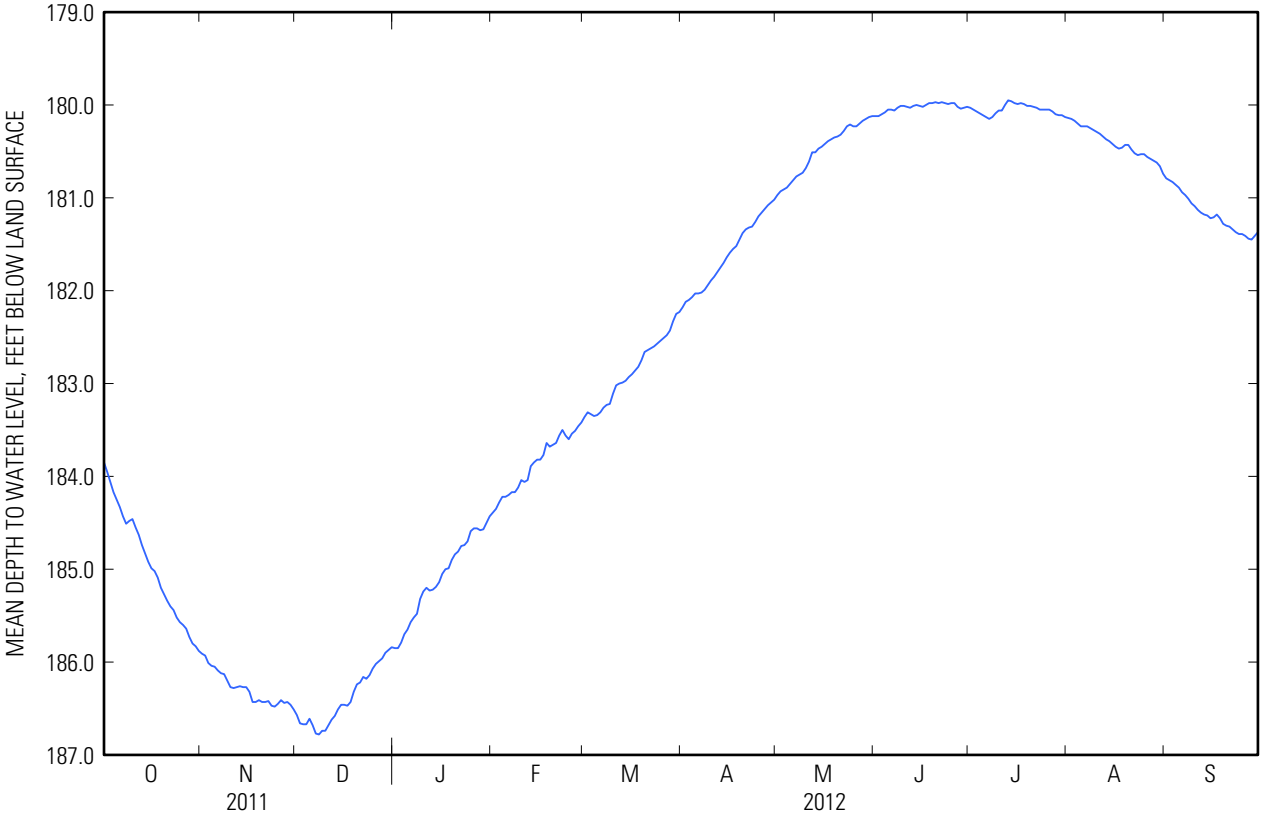
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	180.15	180.10	180.12	180.05	180.01	180.03	180.16	180.13	180.14	180.81	180.78	180.79
2	180.14	180.09	180.12	180.08	180.03	180.05	180.17	180.13	180.15	180.82	180.80	180.81
3	180.12	180.08	180.10	180.09	180.06	180.07	180.18	180.16	180.17	180.85	180.82	180.83
4	180.10	180.05	180.08	180.11	180.08	180.09	180.22	180.18	180.20	180.88	180.85	180.86
5	180.07	180.03	180.05	180.13	180.10	180.11	180.24	180.21	180.23	180.91	180.88	180.89
6	180.06	180.04	180.05	180.15	180.12	180.13	180.23	180.22	180.23	180.95	180.91	180.94
7	180.07	180.05	180.06	180.16	180.12	180.15	180.24	180.23	180.23	180.98	180.95	180.97
8	180.06	180.02	180.03	180.14	180.11	180.13	180.26	180.24	180.25	181.04	180.98	181.01
9	180.02	180.00	180.01	180.12	180.04	180.09	180.28	180.26	180.27	181.08	181.04	181.06
10	180.01	180.00	180.01	180.07	180.05	180.06	180.30	180.28	180.29	181.12	181.07	181.09
11	180.03	180.01	180.02	180.07	180.05	180.06	180.33	180.29	180.31	181.15	181.11	181.13
12	180.04	180.00	180.03	180.06	179.96	180.00	180.37	180.33	180.34	181.18	181.14	181.16
13	180.02	179.99	180.01	180.01	179.88	179.95	180.39	180.36	180.37	181.21	181.15	181.18
14	180.02	179.99	180.00	179.98	179.95	179.96	180.41	180.38	180.39	181.22	181.17	181.19
15	180.02	179.99	180.01	180.01	179.96	179.98	180.44	180.40	180.42	181.23	181.20	181.22
16	180.03	180.00	180.02	180.02	179.97	179.99	180.48	180.44	180.45	181.23	181.20	181.21
17	180.02	179.98	180.00	180.02	179.95	179.98	180.49	180.45	180.47	181.23	181.16	181.18
18	179.99	179.96	179.98	180.02	179.98	179.99	180.49	180.43	180.46	181.26	181.19	181.22
19	179.99	179.95	179.98	180.04	179.99	180.01	180.47	180.40	180.43	181.29	181.26	181.28
20	179.99	179.96	179.97	180.03	180.00	180.01	180.45	180.41	180.43	181.31	181.29	181.30
21	180.00	179.97	179.98	180.04	180.00	180.02	180.50	180.45	180.48	181.31	181.30	181.31
22	179.98	179.96	179.97	180.04	180.01	180.03	180.53	180.50	180.52	181.36	181.31	181.34
23	179.98	179.97	179.98	180.06	180.04	180.05	180.54	180.52	180.54	181.39	181.35	181.37
24	179.99	179.98	179.99	180.06	180.04	180.05	180.55	180.51	180.53	181.41	181.37	181.39
25	180.00	179.97	179.98	180.06	180.04	180.05	180.55	180.51	180.53	181.41	181.37	181.39
26	179.99	179.97	179.98	180.06	180.04	180.05	180.58	180.53	180.56	181.44	181.39	181.41
27	180.04	179.99	180.02	180.09	180.06	180.07	180.60	180.57	180.58	181.46	181.42	181.44
28	180.07	180.02	180.04	180.12	180.08	180.10	180.62	180.58	180.60	181.46	181.44	181.45
29	180.04	180.01	180.03	180.13	180.09	180.11	180.64	180.60	180.62	181.46	181.36	181.41
30	180.05	179.99	180.02	180.13	180.10	180.11	180.71	180.63	180.66	181.41	181.35	181.37
31	---	---	---	180.15	180.11	180.13	180.78	180.71	180.74	---	---	---
Month	180.15	179.95	180.02	180.16	179.88	180.05	180.78	180.13	180.41	181.46	180.78	181.17

	Max	Min	Mean
Year	186.80	179.88	182.77

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