

Water-Data Report 2011

310007092431602 Local number R-1208

Coastal lowlands aquifer system
Chicot Aquifer

Rapides Parish, LA

LOCATION.--Lat 31°00'07", long 92°43'16" referenced to North American Datum of 1927, in NE ¼ NE ¼ SE ¼ sec.1, T.1 S., R.4 W., Rapides Parish, LA, Hydrologic Unit 08080203.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 117 ft. Upper casing diameter 4.00 in; top of first opening 92 ft, bottom of last opening 117 ft.

DATUM.--Land-surface datum is 180 ft above National Geodetic Vertical Datum of 1929. Measuring point: File marks on top edge of casing collar, 1.7 ft above land-surface datum, Dec. 7, 1981, to present.

PERIOD OF RECORD.--December 1981 to current year.

GAGE.--Pressure transducer with internal data logger.

COOPERATION.--Louisiana Department of Transportation and Development, Water Resources Section.

REMARKS.--Pressure transducer installed on May 31, 2011.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 24.74 ft below land-surface datum (measured) Mar 10, 2005. Lowest water level, 33.88 ft below land-surface datum (recorded) Oct 29, 2009.

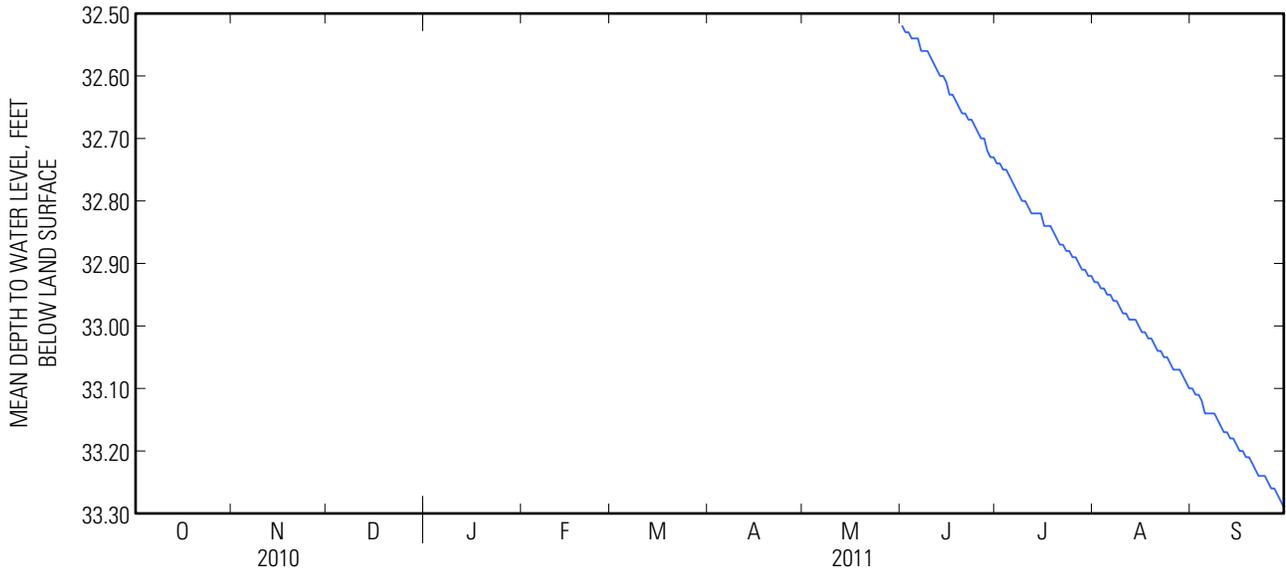
EXTREMES FOR CURRENT YEAR.--Highest water level, 30.86 ft below land-surface datum (measured) Oct 13. Lowest water level, 33.30 ft below land-surface datum (recorded) Sep 30.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	32.52	32.74	32.93	33.10
2	---	---	---	---	---	---	---	---	32.53	32.74	32.93	33.11
3	---	---	---	---	---	---	---	---	32.53	32.75	32.94	33.11
4	---	---	---	---	---	---	---	---	32.54	32.75	32.94	33.12
5	---	---	---	---	---	---	---	---	32.54	32.76	32.95	33.14
6	---	---	---	---	---	---	---	---	32.54	32.77	32.95	33.14
7	---	---	---	---	---	---	---	---	32.56	32.78	32.96	33.14
8	---	---	---	---	---	---	---	---	32.56	32.79	32.96	33.14
9	---	---	---	---	---	---	---	---	32.56	32.80	32.97	33.15
10	---	---	---	---	---	---	---	---	32.57	32.80	32.98	33.16
11	---	---	---	---	---	---	---	---	32.58	32.81	32.98	33.17
12	---	---	---	---	---	---	---	---	32.59	32.82	32.99	33.17
13	---	---	---	---	---	---	---	---	32.60	32.82	32.99	33.18
14	---	---	---	---	---	---	---	---	32.60	32.82	32.99	33.18
15	---	---	---	---	---	---	---	---	32.61	32.82	33.00	33.19
16	---	---	---	---	---	---	---	---	32.63	32.84	33.01	33.20
17	---	---	---	---	---	---	---	---	32.63	32.84	33.01	33.20
18	---	---	---	---	---	---	---	---	32.64	32.84	33.02	33.21
19	---	---	---	---	---	---	---	---	32.65	32.85	33.02	33.21
20	---	---	---	---	---	---	---	---	32.66	32.86	33.03	33.22
21	---	---	---	---	---	---	---	---	32.66	32.87	33.04	33.23
22	---	---	---	---	---	---	---	---	32.67	32.87	33.04	33.24
23	---	---	---	---	---	---	---	---	32.67	32.88	33.05	33.24
24	---	---	---	---	---	---	---	---	32.68	32.88	33.05	33.24
25	---	---	---	---	---	---	---	---	32.69	32.89	33.06	33.25
26	---	---	---	---	---	---	---	---	32.70	32.89	33.07	33.26
27	---	---	---	---	---	---	---	---	32.70	32.90	33.07	33.26
28	---	---	---	---	---	---	---	---	32.72	32.91	33.07	33.27
29	---	---	---	---	---	---	---	---	32.73	32.91	33.08	33.28
30	---	---	---	---	---	---	---	---	32.73	32.92	33.09	33.29
31	---	---	---	---	---	---	---	---	---	32.92	33.10	---
Max	---	---	---	---	---	---	---	---	32.73	32.92	33.10	33.29
Min	---	---	---	---	---	---	---	---	32.52	32.74	32.93	33.10

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**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 13	30.86	T	--	May 31	32.56	V	--
Jan 5	31.72	T	--	Jul 13	32.84	S	--
Apr 12	32.34	V	--				

