Water-Data Report 2013

322843092084401 Local number Ou- 80

Mississippi embayment aquifer system
Sparta Aquifer

Ouachita Parish, LA

LOCATION.--Lat 32°28′43″, long 92°08′44″ referenced to North American Datum of 1927, in SW ¼ NE ¼ NE ¼ sec.10, T.17 N., R.3 E., Ouachita Parish, LA, Hydrologic Unit 08040207.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 721 ft. Upper casing diameter 16.00 in; top of first opening 607 ft, bottom of last opening 721 ft.

DATUM.--Land-surface datum is 60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 4.50 ft above land-surface datum, Sep. 17, 1992, to present.

PERIOD OF RECORD.--May 1956 to current.

GAGE.--Pressure transducer with internal data logger.

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

REMARKS.--Overall records are good. Water levels are influenced by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 194.60 ft below land-surface datum (measured) May 3, 1956. Lowest water level, 299.79 ft below land-surface datum (measured) Aug 8, 2008.

EXTREMES FOR CURRENT YEAR.--Highest water level, 242.07 ft below land-surface datum (recorded) Feb 1. Lowest water level, 271.84 ft below land-surface datum (recorded) Aug 13.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 322843092084401, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/322843092084401.2013.pdf

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	263.47	262.05	262.28	255.27	248.12	247.06	250.41	254.97	262.34	263.70	266.89	266.91
2	263.17	262.02	262.17	255.02	251.32	246.85	251.12	255.39	264.30	262.90	267.06	266.95
3	263.60	261.97	262.15	255.27	251.17	246.23	250.38	254.66	263.46	262.82	267.19	266.96
4	263.39	261.97	262.12	256.35	251.06	246.11	250.16	252.87	263.43	263.63	267.28	268.15
5	263.07	262.62	262.10	255.16	250.96	246.82	250.17	253.58	263.52	263.26	267.44	268.93
6	261.66	262.41	262.16	255.95	250.87	247.19	251.34	254.84	262.92	262.63	267.62	269.15
7	260.19	263.09	262.14	254.81	250.73	249.34	250.83	255.40	264.93	261.61	267.78	269.20
8	262.79	264.26	261.92	254.68	250.72	248.86	250.72	254.07	262.26	262.40	267.98	269.32
9	261.72	263.04	261.80	254.23	250.58	250.58	251.36	252.89	261.14	261.74	268.15	269.48
10	252.15	262.61	261.83	253.79	251.01	249.84	251.29	252.82	260.61	261.34	268.22	267.70
11	244.78	262.37	263.42	253.92	252.92	250.00	251.22	254.67	261.45	261.08	268.28	266.95
12	248.24	262.41	263.55	253.36	251.33	250.39	251.41	256.41	262.23	261.21	265.76	266.45
13	258.26	262.42	263.40	253.03	250.29	250.69	251.99	256.06	261.69	261.94	263.62	266.09
14	259.41	262.34	263.21	252.93	249.67	250.03	251.68	253.94	260.59	261.50	268.89	266.26
15	260.04	262.26	263.46	253.64	249.19	249.86	252.43	252.90	260.13	262.31	268.88	267.41
16	260.45	262.24	262.51	253.12	248.84	249.74	252.89	252.19	259.81	262.03	266.20	268.46
17	260.69	262.50	261.51	252.75	248.87	249.69	252.22	254.37	259.79	263.65	263.69	268.85
18	260.97	262.19	260.64	252.55	248.21	250.23	252.28	256.15	260.97	263.63	263.23	269.07
19	261.19	262.26	259.15	252.72	248.64	250.33	252.18	257.33	260.48	262.73	262.68	269.05
20	261.30	263.89	260.93	253.74	247.96	251.97	253.72	258.45	259.77	262.99	262.54	268.84
21	261.46	262.80	261.17	253.82	248.82	250.77	254.28	259.80	260.29	261.93	262.43	268.55
22	262.77	262.46	260.98	252.85	247.97	250.72	254.85	259.47	261.73	262.79	262.30	268.36
23	262.52	262.59	260.05	252.48	247.40	250.78	254.99	258.02	261.21	263.43	262.26	268.21
24	262.20	263.25	258.30	253.76	247.05	251.37	255.32	258.16	261.34	265.52	262.21	268.05
25	262.07	263.17	257.16	252.69	247.12	250.95	255.50	259.75	261.50	263.97	262.24	267.92
26	262.10	263.11	258.37	252.22	246.94	250.68	255.44	258.89	262.26	265.18	262.34	267.86
27	262.33	263.23	257.34	251.95	246.67	250.49	255.21	258.42	262.19	265.54	262.25	267.78
28	262.46	262.79	256.79	251.77	246.49	250.66	254.19	260.22	261.84	265.84	262.19	267.66
29	262.28	262.60	256.96	251.48	---	250.63	254.31	261.07	262.69	266.21	262.18	267.66
30	262.14	262.44	256.31	252.39	---	250.18	254.45	261.61	263.24	266.51	263.70	267.66
31	262.07	---	256.19	251.75	---	249.98	---	262.04	---	266.72	268.33	---
Max	263.60	264.26	263.55	256.35	252.92	251.97	255.50	262.04	264.93	266.72	268.89	269.48
Min	244.78	261.97	256.19	251.48	246.49	246.11	250.16	252.19	259.77	261.08	262.18	266.09

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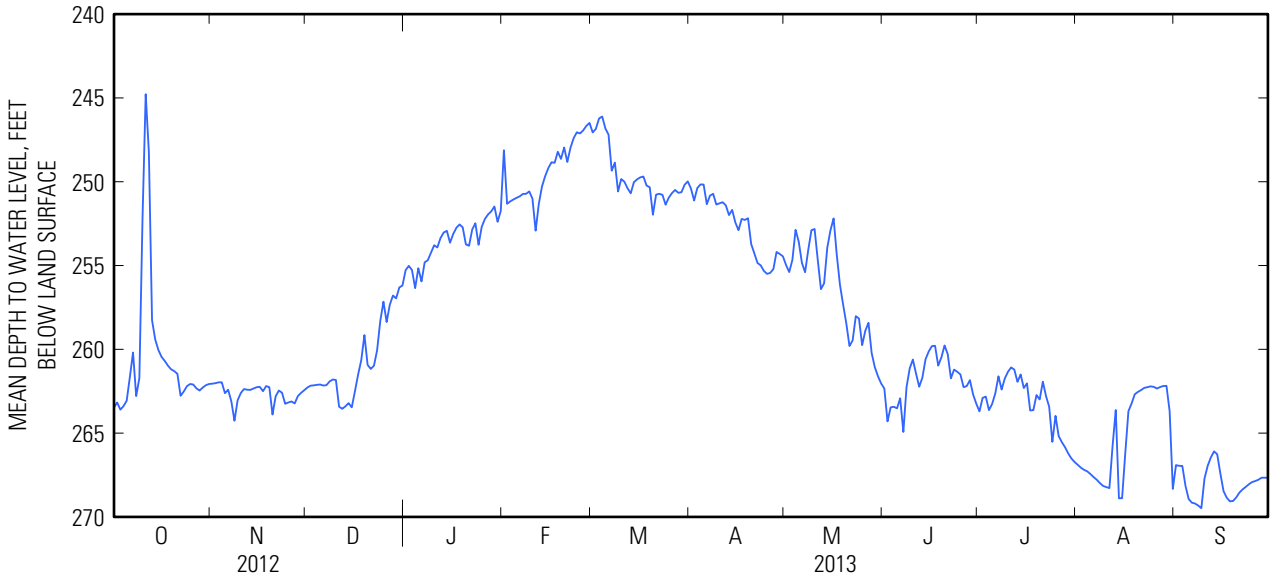
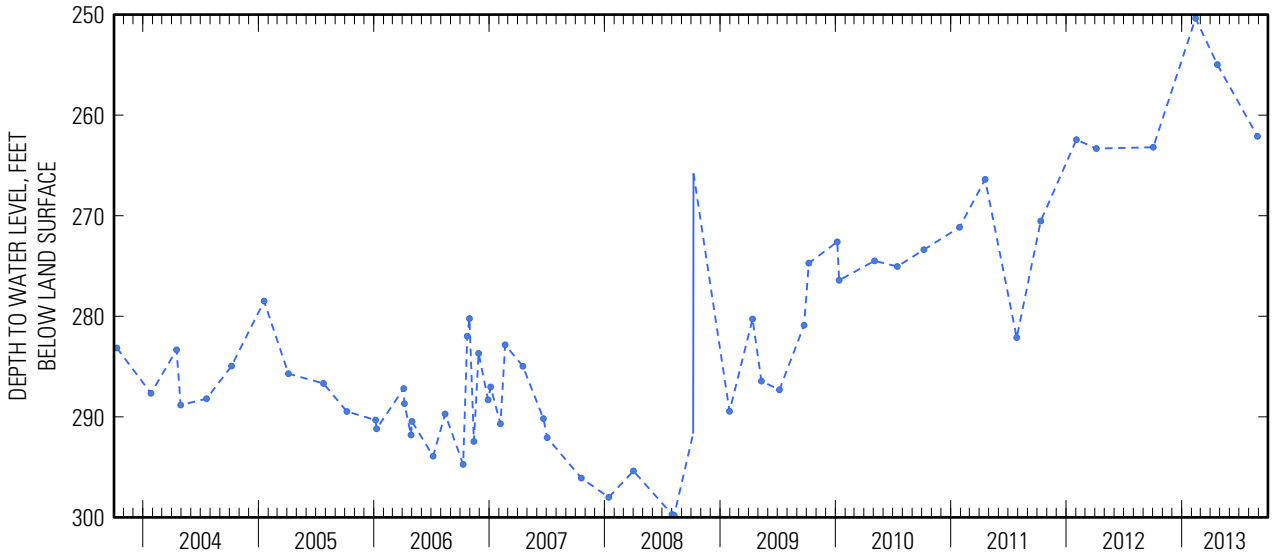


WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

[Measurement method: V, calibrated electric tape--accuracy of instrument has been checked. Water-level status: --, static; S, nearby site that taps the same aquifer was being pumped.]

Date	Water level	Measurement method	Water-level status	Date	Water level	Measurement method	Water-level status
Oct 2	263.19	V	--	Apr 23	254.97	V	S
Feb 13	250.37	V	S	Aug 28	262.11	V	--