



Water-Data Report 2011

324141092390501 Local number L- 26

Mississippi embayment aquifer system
Sparta Aquifer

Lincoln Parish, LA

LOCATION.--Lat 32°41'41", long 92°39'05" referenced to North American Datum of 1927, in SW ¼ NW ¼ NW ¼ sec.26, T.20 N., R.3 W., Lincoln Parish, LA, Hydrologic Unit 08040206.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 686 ft. Upper casing diameter 10.75 in; top of first opening 633 ft, bottom of last opening 686 ft.

DATUM.--Land-surface datum is 155 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top edge of casing, 2.0 ft above land-surface datum, Sep. 19, 1989, to present.

PERIOD OF RECORD.--April 1950 to current year.

GAGE.--Digital recorder with satellite telemetry and pressure transducer.

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

REMARKS.--Record is good. Missing record Nov 13-16, Jan 9-10, and Feb 4-5, due to bad transmissions.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 95.20 ft below land-surface datum (measured) Apr 4, 1950. Lowest water level 194.18 ft below land-surface datum (recorded) Oct 14, 2006.

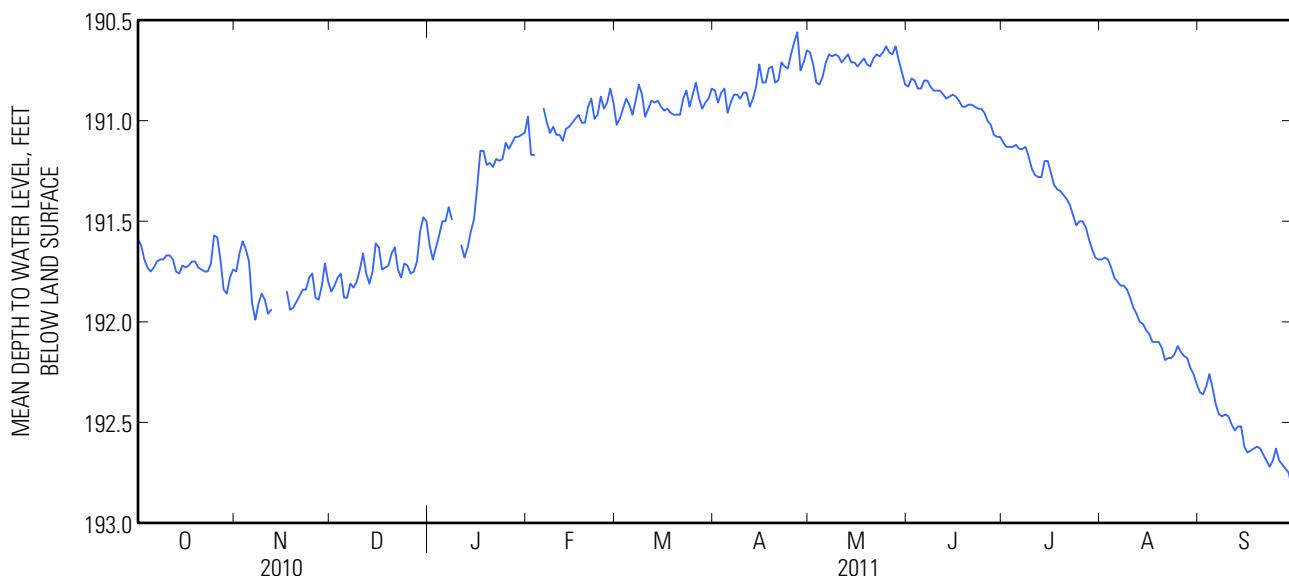
EXTREMES FOR CURRENT YEAR.--Highest water level, 190.47 ft below land-surface datum (recorded) Apr 27. Lowest water level 192.86 ft below land-surface datum (recorded) Sep 30.

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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	191.59	191.75	191.85	191.62	190.98	191.02	190.85	190.66	190.83	191.11	191.69	192.35
2	191.62	191.66	191.82	191.69	191.17	190.99	190.91	190.72	190.79	191.13	191.68	192.36
3	191.69	191.60	191.78	191.63	191.17	190.94	190.86	190.81	190.80	191.13	191.69	192.32
4	191.73	191.64	191.76	191.57	---	190.89	190.84	190.82	190.84	191.13	191.73	192.26
5	191.75	191.70	191.88	191.50	---	190.92	190.96	190.78	190.84	191.12	191.78	192.33
6	191.73	191.91	191.88	191.50	190.94	190.97	190.91	190.71	190.80	191.14	191.80	192.41
7	191.70	191.99	191.81	191.43	191.01	190.90	190.87	190.67	190.80	191.14	191.82	192.46
8	191.69	191.91	191.83	191.49	191.06	190.82	190.87	190.68	190.83	191.13	191.82	192.47
9	191.69	191.86	191.80	---	191.03	190.87	190.89	190.67	190.85	191.18	191.84	192.46
10	191.67	191.89	191.74	---	191.07	190.98	190.86	190.68	190.85	191.24	191.88	192.47
11	191.67	191.96	191.66	191.62	191.07	190.94	190.86	190.71	190.85	191.27	191.93	192.51
12	191.69	191.94	191.76	191.68	191.10	190.90	190.93	190.69	190.87	191.28	191.96	192.54
13	191.75	---	191.81	191.63	191.04	190.91	190.89	190.67	190.89	191.28	192.00	192.52
14	191.76	---	191.75	191.55	191.03	190.90	190.83	190.71	190.88	191.20	192.01	192.52
15	191.72	---	191.61	191.49	191.01	190.93	190.72	190.71	190.87	191.20	192.04	192.62
16	191.73	---	191.63	191.33	190.99	190.95	190.81	190.73	190.88	191.26	192.06	192.65
17	191.72	191.85	191.74	191.15	190.97	190.94	190.81	190.71	190.90	191.32	192.10	192.64
18	191.70	191.94	191.73	191.15	191.01	190.96	190.74	190.69	190.93	191.34	192.10	192.63
19	191.70	191.93	191.72	191.22	191.01	190.97	190.73	190.72	190.93	191.35	192.10	192.62
20	191.73	191.90	191.66	191.21	190.93	190.97	190.81	190.73	190.92	191.37	192.13	192.63
21	191.74	191.87	191.63	191.23	190.89	190.97	190.80	190.69	190.92	191.39	192.19	192.66
22	191.75	191.84	191.74	191.19	190.99	190.89	190.71	190.67	190.93	191.42	192.18	192.69
23	191.75	191.84	191.78	191.20	190.97	190.85	190.73	190.68	190.94	191.47	192.18	192.72
24	191.71	191.78	191.71	191.19	190.88	190.93	190.74	190.66	190.94	191.52	192.16	192.69
25	191.57	191.76	191.72	191.11	190.94	190.87	190.67	190.63	190.96	191.50	192.12	192.63
26	191.58	191.88	191.76	191.14	190.91	190.81	190.61	190.66	191.00	191.50	192.15	192.69
27	191.69	191.89	191.75	191.11	190.84	190.89	190.56	190.67	191.02	191.53	192.17	192.71
28	191.84	191.82	191.70	191.08	190.91	190.94	190.75	190.63	191.07	191.59	192.18	192.73
29	191.86	191.71	191.55	191.08	---	190.91	190.71	190.70	191.08	191.64	192.23	192.75
30	191.78	191.80	191.48	191.07	---	190.89	190.65	190.76	191.08	191.68	192.26	192.83
31	191.74	---	191.50	191.06	---	190.84	---	190.82	---	191.69	192.31	---
Max	191.86	---	191.88	---	---	191.02	190.96	190.82	191.08	191.69	192.31	192.83
Min	191.57	---	191.48	---	---	190.81	190.56	190.63	190.79	191.11	191.68	192.26



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

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

Date	Water level	Measure- ment method	Water- level status	Date	Water level	Measure- ment method	Water- level status
Oct 14	191.76	V	--	Jul 5	191.14	V	--
Jan 19	191.22	T	--	8	191.14	V	--
Apr 6	190.97	T	--				

