

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

RICHLAND COUNTY--Continued

WELL NUMBER.--334616080470600. Local number, RIC-704.

LOCATION.--Lat 33°46'16'', long 80°47'06'', Hydrologic Unit 03050110, at Congaree National Park, 12 mi southeast of Columbia, Owner: National Park Service.

AQUIFER.--Holocene Alluvium.

WELL CHARACTERISTICS.--Drilled observation well, diameter 1 in, depth 14 ft, cased depth 9 ft, open hole from 9 to 14 ft.

INSTRUMENTATION.--Data collection platform--15 minute collection interval.

DATUM.--Land-surface datum is 100 ft above sea level (from topographic map). Measuring point: Top of casing, 5.75 ft above land-surface datum.

PERIOD OF RECORD.--October 2004 to September 2005.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, --0.58 ft below land-surface datum, Mar. 31, Apr. 1, 2005; lowest water level, 6.90 ft below land-surface datum, Nov. 23, 26, 2004, May 30, 2005.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-0.02	6.34	6.61	3.20	4.46	2.42	-0.56	4.02	6.73	4.64	3.22	---
2	0.18	6.41	6.65	3.31	4.52	2.31	-0.45	4.15	6.52	3.05	3.39	---
3	0.61	6.50	6.68	3.40	4.14	1.37	-0.25	4.30	5.30	2.30	3.62	---
4	1.26	6.56	6.69	3.47	3.82	1.45	0.18	4.43	0.54	1.85	3.82	---
5	1.75	6.66	6.71	3.55	3.82	1.83	0.68	4.54	-0.23	2.27	4.02	---
6	2.17	6.59	6.70	3.67	3.86	2.24	1.17	4.65	0.10	2.63	3.93	---
7	2.49	6.43	6.67	3.83	3.85	2.44	1.43	4.81	0.91	2.93	3.56	---
8	2.74	---	6.73	3.91	3.87	2.50	1.68	4.90	1.79	3.06	3.78	---
9	2.97	---	6.71	4.03	3.87	2.68	2.03	5.06	1.99	2.55	3.99	---
10	3.19	---	6.64	4.11	3.89	2.74	2.10	5.22	1.78	0.73	4.05	---
11	3.40	---	6.64	4.22	3.99	2.78	1.84	5.37	2.30	-0.09	4.13	---
12	3.55	---	6.10	4.36	4.01	2.91	1.97	5.52	2.69	0.11	4.23	---
13	3.70	---	3.21	4.46	4.12	3.05	2.14	5.65	2.96	0.36	4.30	---
14	3.92	---	0.98	4.00	4.20	3.23	2.02	5.74	3.17	0.74	4.43	---
15	4.09	---	0.81	3.79	4.34	3.39	1.27	5.85	3.44	1.17	4.60	---
16	4.31	---	1.15	3.54	4.40	3.07	0.75	5.95	---	1.84	4.75	---
17	4.51	---	1.60	3.25	4.53	2.82	0.65	6.03	---	2.00	4.89	---
18	4.65	---	1.99	3.22	4.67	2.92	1.26	6.12	---	1.84	5.03	---
19	4.78	6.81	2.31	3.11	4.74	2.96	1.89	6.21	---	1.63	5.18	---
20	4.93	6.83	2.70	3.11	4.82	3.01	2.32	6.25	---	2.20	5.31	---
21	5.12	6.86	2.83	3.26	4.84	3.13	2.58	6.26	---	2.44	5.42	---
22	5.26	6.86	2.92	3.35	4.84	3.23	2.79	6.27	---	2.13	5.54	---
23	5.39	6.87	3.05	3.58	4.78	3.24	2.94	6.33	5.43	2.56	5.63	---
24	5.51	6.77	3.30	3.63	3.89	3.39	3.13	6.35	5.60	2.93	5.71	---
25	5.66	6.78	3.42	3.59	3.33	3.44	3.31	6.42	5.70	3.25	5.81	---
26	5.77	6.87	3.19	3.73	3.32	3.47	3.41	6.53	5.80	3.54	---	---
27	5.88	6.79	2.87	4.02	3.22	2.14	3.53	6.64	5.91	3.81	---	---
28	5.97	6.71	2.72	4.22	2.42	1.38	3.68	6.73	5.98	4.09	---	---
29	6.05	6.75	2.80	4.22	---	1.06	3.78	6.82	5.93	4.04	---	---
30	6.14	6.69	2.96	4.20	---	-0.36	3.89	6.88	5.68	3.17	---	---
31	6.25	---	3.10	4.37	---	-0.54	---	6.81	---	3.32	---	---
MEAN	3.94	---	4.11	3.73	4.09	2.44	1.91	5.70	---	2.36	---	---
MAX	6.25	---	6.73	4.46	4.84	3.47	3.89	6.88	---	4.64	---	---
MIN	-0.02	---	0.81	3.11	2.42	-0.54	-0.56	4.02	---	-0.09	---	---

