

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

RICHLAND COUNTY--Continued

WELL NUMBER.--334844080514200. Local number, RIC-342.

LOCATION.--Lat 33°48'44'', long 80°51'42'', 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 4 in, depth 28 ft, cased depth 28 ft, screened interval 23-28 ft.

INSTRUMENTATION.--Water-stage recorder--15 minute collection interval.

DATUM.--Land-surface datum is 105.95 ft above sea level. Measuring point: Top of casing, 4.36 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, -0.12 ft below land-surface datum, Mar. 31, 2005; lowest water level, 10.06 ft below land-surface datum, Sep. 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	1.37	7.87	7.21	4.57	6.04	3.83	0.13	5.36	7.87	5.88	5.22	7.15
2	1.57	7.94	7.19	4.68	6.07	3.58	0.46	5.49	7.72	4.65	5.32	7.20
3	1.99	8.00	7.20	4.78	5.86	2.55	0.79	5.65	5.86	2.77	5.45	7.23
4	2.50	8.06	7.20	4.87	5.46	2.68	1.38	5.80	1.64	3.09	5.60	7.26
5	2.94	8.14	7.22	4.99	5.38	3.12	1.84	5.92	0.99	3.44	5.79	7.28
6	3.47	8.09	7.19	5.18	5.35	3.56	2.20	6.04	1.50	3.79	5.98	7.28
7	3.87	7.92	7.17	5.34	5.28	3.77	2.45	6.19	2.28	4.04	6.09	7.29
8	4.24	7.84	7.24	5.42	5.24	3.97	2.64	6.26	2.92	4.03	6.20	7.36
9	4.59	7.81	7.21	5.54	5.20	4.16	2.72	6.39	3.44	3.21	6.14	7.45
10	4.90	7.77	7.14	5.61	5.15	4.09	2.82	6.54	3.78	1.62	4.32	7.59
11	5.19	7.75	7.13	5.72	5.23	4.05	2.69	6.69	4.01	1.22	4.79	7.74
12	5.34	7.74	6.36	5.87	5.29	4.26	2.84	6.83	4.25	1.50	5.00	7.88
13	5.53	7.88	3.25	5.98	5.45	4.46	3.06	6.95	4.42	1.78	5.12	8.02
14	5.80	7.99	2.38	5.62	5.55	4.72	2.95	7.04	4.46	1.91	5.31	8.17
15	5.97	7.97	2.38	5.29	5.73	4.94	2.39	7.15	4.70	2.32	5.55	8.32
16	6.16	7.85	2.56	4.94	5.79	4.81	2.12	7.27	5.06	2.73	5.74	8.47
17	6.33	7.79	2.91	4.59	5.94	4.55	2.09	7.36	5.36	2.78	5.91	8.61
18	6.46	7.78	3.28	4.44	6.08	4.51	2.53	7.45	5.61	3.02	6.07	8.75
19	6.57	7.78	3.62	4.28	6.14	4.37	3.13	7.53	5.88	3.41	6.23	8.89
20	6.71	7.78	4.05	4.36	6.20	4.37	3.55	7.58	6.11	3.69	6.35	9.02
21	6.87	7.79	4.02	4.58	6.24	4.56	3.78	7.59	6.30	3.70	6.44	9.13
22	6.98	7.77	4.11	4.74	6.26	4.75	4.77	7.55	6.48	3.57	6.55	9.24
23	7.08	7.77	4.36	5.08	6.09	4.85	4.11	7.55	6.64	4.03	6.62	9.36
24	7.18	7.69	4.71	5.07	5.42	5.04	4.37	7.54	6.77	4.43	6.65	9.47
25	7.29	7.65	4.87	4.94	4.81	5.07	4.62	7.57	6.87	4.80	6.72	9.57
26	7.39	7.63	4.60	5.16	4.69	4.99	4.73	7.65	6.97	5.09	6.73	9.66
27	7.48	7.54	4.01	5.55	4.65	4.27	4.85	7.73	7.08	5.34	6.69	9.75
28	7.56	7.46	3.91	5.77	3.87	2.95	4.98	7.82	7.16	5.62	6.74	9.84
29	7.62	7.41	4.12	5.79	---	2.05	5.07	7.91	7.10	5.86	6.86	9.93
30	7.70	7.31	4.34	5.82	---	0.27	5.20	7.98	6.80	6.02	6.95	10.01
31	7.79	---	4.48	5.95	---	0.02	---	7.97	---	5.63	7.06	---
MEAN	5.56	7.79	5.08	5.18	5.52	3.84	3.02	6.98	5.20	3.71	6.01	8.43
MAX	7.79	8.14	7.24	5.98	6.26	5.07	5.20	7.98	7.87	6.02	7.06	10.01
MIN	1.37	7.31	2.38	4.28	3.87	0.02	0.13	5.36	0.99	1.22	4.32	7.15

