

0209750881 WILSON CREEK AT MOUTH NEAR CHAPEL HILL, NC

LOCATION.--Lat 35°53'30", long 79°03'40", Orange County, Hydrologic Unit 03030002, at mouth, 1.6 mi south of Chapel Hill.

DRAINAGE AREA.--3.44 mi<sup>2</sup>.

GAGE-HEIGHT RECORDS

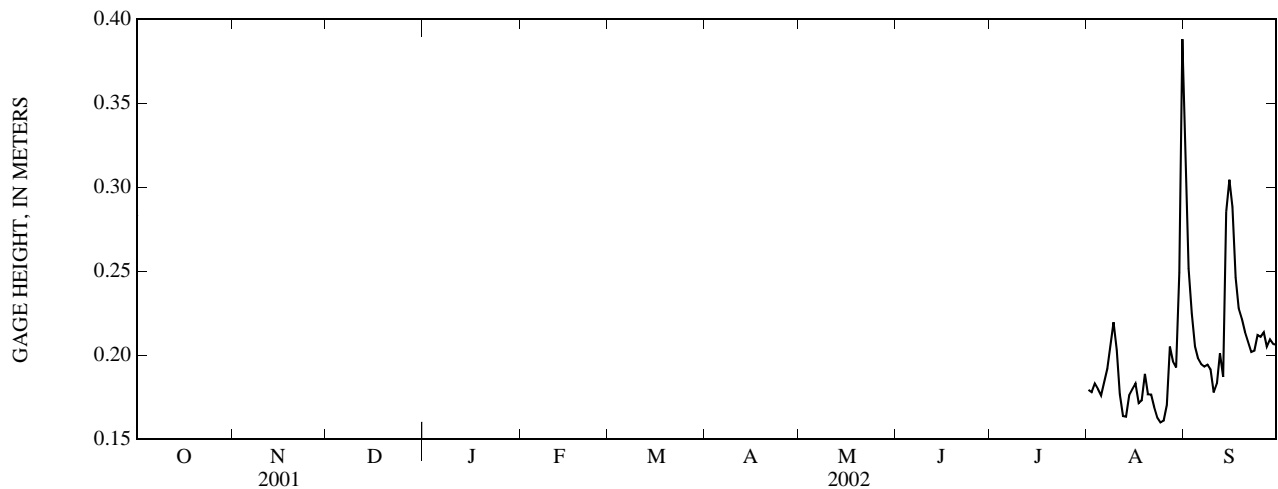
PERIOD OF RECORD.--August 2002 to November 2003 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 300 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 1.99 m, April 10, 2003; minimum gage height recorded, 0.14 m, Aug. 12, 18, 24, 25, 2002.

GAGE HEIGHT, ABOVE DATUM, METERS  
AUGUST TO SEPTEMBER 2002  
DAILY MEAN VALUES

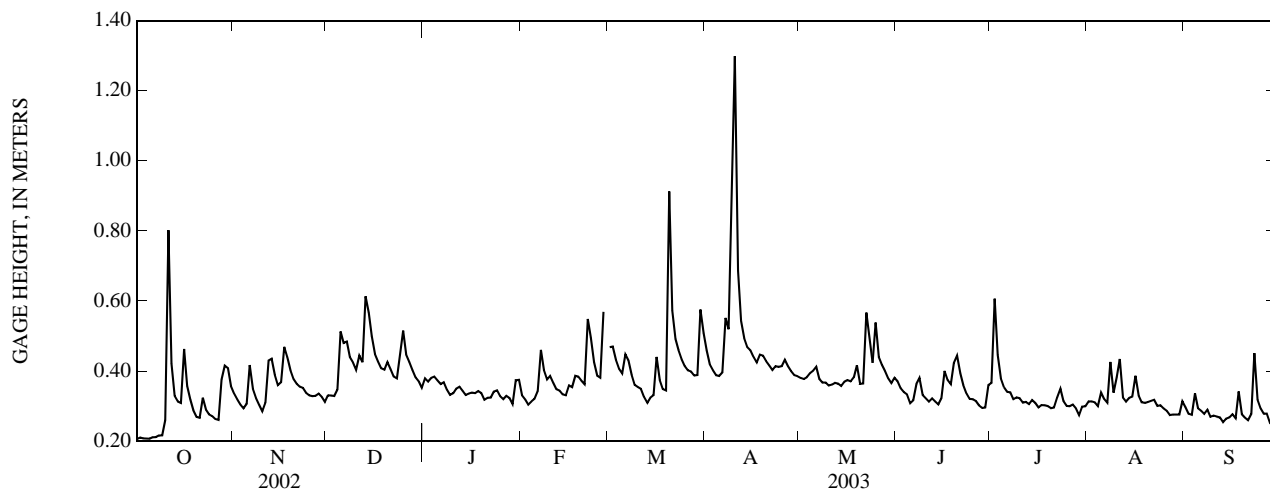
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	0.18	0.32
2	---	---	---	---	---	---	---	---	---	---	0.18	0.25
3	---	---	---	---	---	---	---	---	---	---	0.18	0.22
4	---	---	---	---	---	---	---	---	---	---	0.18	0.21
5	---	---	---	---	---	---	---	---	---	---	0.18	0.20
6	---	---	---	---	---	---	---	---	---	---	0.18	0.19
7	---	---	---	---	---	---	---	---	---	---	0.19	0.19
8	---	---	---	---	---	---	---	---	---	---	0.20	0.19
9	---	---	---	---	---	---	---	---	---	---	0.22	0.19
10	---	---	---	---	---	---	---	---	---	---	0.20	0.18
11	---	---	---	---	---	---	---	---	---	---	0.18	0.18
12	---	---	---	---	---	---	---	---	---	---	0.16	0.20
13	---	---	---	---	---	---	---	---	---	---	0.16	0.19
14	---	---	---	---	---	---	---	---	---	---	0.18	0.29
15	---	---	---	---	---	---	---	---	---	---	0.18	0.30
16	---	---	---	---	---	---	---	---	---	---	0.18	0.29
17	---	---	---	---	---	---	---	---	---	---	0.17	0.25
18	---	---	---	---	---	---	---	---	---	---	0.17	0.23
19	---	---	---	---	---	---	---	---	---	---	0.19	0.22
20	---	---	---	---	---	---	---	---	---	---	0.18	0.21
21	---	---	---	---	---	---	---	---	---	---	0.18	0.21
22	---	---	---	---	---	---	---	---	---	---	0.17	0.20
23	---	---	---	---	---	---	---	---	---	---	0.16	0.20
24	---	---	---	---	---	---	---	---	---	---	0.16	0.21
25	---	---	---	---	---	---	---	---	---	---	0.16	0.21
26	---	---	---	---	---	---	---	---	---	---	0.17	0.21
27	---	---	---	---	---	---	---	---	---	---	0.21	0.21
28	---	---	---	---	---	---	---	---	---	---	0.20	0.21
29	---	---	---	---	---	---	---	---	---	---	0.19	0.21
30	---	---	---	---	---	---	---	---	---	---	0.25	0.21
31	---	---	---	---	---	---	---	---	---	---	0.39	---
MEAN	---	---	---	---	---	---	---	---	---	---	0.19	0.22
MAX	---	---	---	---	---	---	---	---	---	---	0.39	0.32
MIN	---	---	---	---	---	---	---	---	---	---	0.16	0.18



0209750881 WILSON CREEK AT MOUTH NEAR CHAPEL HILL, NC—Continued

GAGE HEIGHT, ABOVE DATUM, METERS  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.21	0.33	0.33	0.38	0.33	0.47	0.46	0.38	0.37	0.37	0.31	0.30
2	0.21	0.32	0.33	0.37	0.32	0.47	0.42	0.38	0.35	0.61	0.31	0.28
3	0.21	0.30	0.33	0.38	0.30	0.43	0.40	0.38	0.34	0.45	0.31	0.27
4	0.21	0.29	0.35	0.38	0.31	0.41	0.39	0.39	0.33	0.38	0.30	0.34
5	0.21	0.31	0.51	0.37	0.32	0.39	0.39	0.40	0.31	0.35	0.34	0.29
6	0.21	0.42	0.48	0.36	0.34	0.45	0.40	0.41	0.32	0.34	0.32	0.29
7	0.21	0.35	0.48	0.37	0.46	0.43	0.55	0.38	0.36	0.34	0.31	0.28
8	0.22	0.32	0.44	0.35	0.40	0.39	0.52	0.37	0.38	0.32	0.43	0.29
9	0.22	0.30	0.42	0.33	0.38	0.36	0.89	0.37	0.33	0.32	0.34	0.27
10	0.26	0.28	0.40	0.34	0.39	0.35	1.30	0.36	0.32	0.32	0.38	0.27
11	0.80	0.31	0.44	0.35	0.37	0.35	0.69	0.36	0.31	0.31	0.43	0.27
12	0.42	0.43	0.42	0.36	0.35	0.33	0.54	0.37	0.32	0.31	0.32	0.27
13	0.33	0.43	0.61	0.34	0.34	0.31	0.49	0.36	0.31	0.31	0.31	0.25
14	0.31	0.39	0.57	0.33	0.33	0.32	0.47	0.36	0.30	0.32	0.32	0.26
15	0.31	0.36	0.50	0.34	0.33	0.33	0.46	0.37	0.32	0.31	0.33	0.27
16	0.46	0.37	0.45	0.34	0.36	0.44	0.44	0.37	0.40	0.30	0.39	0.28
17	0.36	0.47	0.43	0.34	0.35	0.37	0.42	0.37	0.37	0.30	0.33	0.27
18	0.32	0.44	0.41	0.34	0.39	0.35	0.45	0.38	0.36	0.30	0.31	0.34
19	0.29	0.40	0.40	0.34	0.38	0.34	0.44	0.42	0.42	0.30	0.31	0.28
20	0.27	0.38	0.43	0.32	0.37	0.91	0.43	0.36	0.44	0.29	0.31	0.27
21	0.27	0.36	0.40	0.32	0.36	0.57	0.42	0.36	0.39	0.30	0.31	0.26
22	0.32	0.36	0.38	0.32	0.55	0.49	0.40	0.57	0.36	0.32	0.32	0.28
23	0.29	0.35	0.38	0.34	0.50	0.46	0.41	0.50	0.34	0.35	0.30	0.45
24	0.28	0.34	0.44	0.34	0.43	0.43	0.41	0.42	0.32	0.31	0.30	0.32
25	0.27	0.33	0.52	0.33	0.39	0.41	0.41	0.54	0.32	0.30	0.29	0.29
26	0.26	0.33	0.45	0.32	0.38	0.40	0.43	0.44	0.31	0.30	0.29	0.28
27	0.26	0.33	0.43	0.33	0.57	0.40	0.41	0.42	0.30	0.30	0.27	0.28
28	0.38	0.34	0.40	0.32	---	0.39	0.40	0.40	0.29	0.29	0.28	0.25
29	0.42	0.33	0.38	0.31	---	0.39	0.39	0.38	0.30	0.27	0.28	0.24
30	0.41	0.31	0.37	0.37	---	0.58	0.39	0.37	0.36	0.30	0.28	0.26
31	0.36	---	0.35	0.37	---	0.51	---	0.38	---	0.30	0.31	---
MEAN	0.31	0.35	0.43	0.35	0.38	0.43	0.49	0.40	0.34	0.33	0.32	0.28
MAX	0.80	0.47	0.61	0.38	0.57	0.91	1.30	0.57	0.44	0.61	0.43	0.45
MIN	0.21	0.28	0.33	0.31	0.30	0.31	0.39	0.36	0.29	0.27	0.27	0.24



GAGE HEIGHT, ABOVE DATUM, METERS  
OCTOBER TO NOVEMBER 2003  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.26	0.26	---	---	---	---	---	---	---	---	---	---
2	0.25	0.25	---	---	---	---	---	---	---	---	---	---
3	0.27	0.25	---	---	---	---	---	---	---	---	---	---
4	0.25	0.24	---	---	---	---	---	---	---	---	---	---
5	0.24	0.24	---	---	---	---	---	---	---	---	---	---
6	0.24	0.25	---	---	---	---	---	---	---	---	---	---
7	0.24	0.24	---	---	---	---	---	---	---	---	---	---
8	0.26	0.25	---	---	---	---	---	---	---	---	---	---
9	0.27	0.26	---	---	---	---	---	---	---	---	---	---
10	0.26	0.27	---	---	---	---	---	---	---	---	---	---
11	0.28	0.26	---	---	---	---	---	---	---	---	---	---
12	0.26	0.26	---	---	---	---	---	---	---	---	---	---
13	0.25	0.22	---	---	---	---	---	---	---	---	---	---
14	0.30	0.25	---	---	---	---	---	---	---	---	---	---
15	0.26	0.24	---	---	---	---	---	---	---	---	---	---
16	0.26	0.24	---	---	---	---	---	---	---	---	---	---
17	0.26	0.23	---	---	---	---	---	---	---	---	---	---
18	0.26	0.26	---	---	---	---	---	---	---	---	---	---
19	0.25	---	---	---	---	---	---	---	---	---	---	---
20	0.25	---	---	---	---	---	---	---	---	---	---	---
21	0.27	---	---	---	---	---	---	---	---	---	---	---
22	0.24	---	---	---	---	---	---	---	---	---	---	---
23	0.23	---	---	---	---	---	---	---	---	---	---	---
24	0.22	---	---	---	---	---	---	---	---	---	---	---
25	0.24	---	---	---	---	---	---	---	---	---	---	---
26	0.27	---	---	---	---	---	---	---	---	---	---	---
27	0.23	---	---	---	---	---	---	---	---	---	---	---
28	0.29	---	---	---	---	---	---	---	---	---	---	---
29	0.33	---	---	---	---	---	---	---	---	---	---	---
30	0.26	---	---	---	---	---	---	---	---	---	---	---
31	0.27	---	---	---	---	---	---	---	---	---	---	---
MEAN	0.26	---	---	---	---	---	---	---	---	---	---	---
MAX	0.33	---	---	---	---	---	---	---	---	---	---	---
MIN	0.22	---	---	---	---	---	---	---	---	---	---	---

