

Water-Data Report 2007

02091764 CONTENTNEA CREEK AT GRIFTON, NC

Neuse Basin
Contentnea Subbasin

LOCATION.--Lat 35°22'12", long 77°26'47" referenced to North American Datum of 1983, Lenoir County, NC, Hydrologic Unit 03020203, on right bank, at downstream side of bridge on North Carolina Highway 118 at Grifton.

DRAINAGE AREA.--980 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 2005 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2.87 ft above North American Vertical Datum of 1988. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.67 ft, November 24, 2006; minimum gage height, 2.25 ft, September 13, 14, 2007.

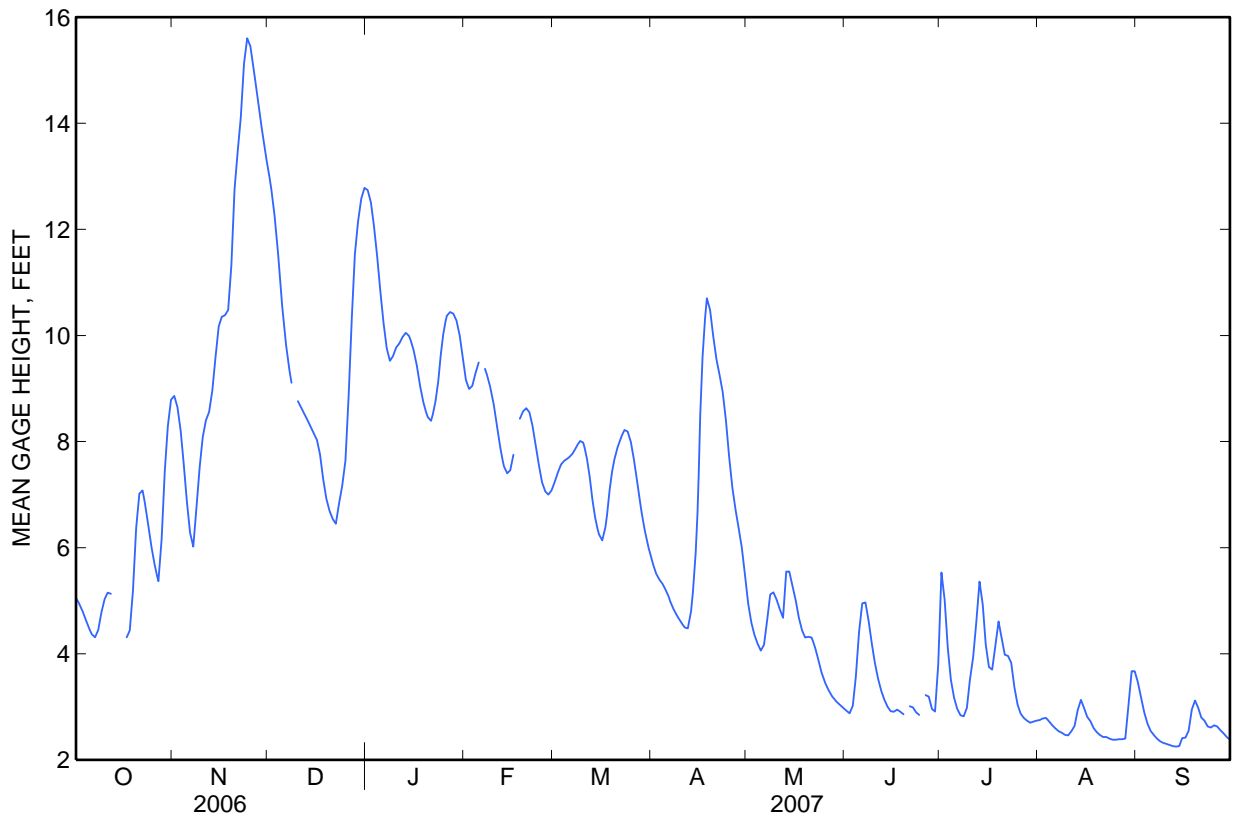
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.67 ft, November 24; minimum gage height, 2.25 ft, September 13, 14.

02091764 CONTENTNEA CREEK AT GRIFTON, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.05	8.86	12.99	12.74	9.16	7.24	5.68	4.95	2.93	5.53	2.75	3.46
2	4.94	8.65	12.57	12.51	8.99	7.42	5.51	4.59	2.88	5.02	2.78	3.17
3	4.81	8.21	12.03	12.07	9.05	7.57	5.40	4.36	3.02	4.10	2.79	2.89
4	4.66	7.59	11.35	11.50	9.29	7.64	5.32	4.19	3.57	3.51	2.72	2.68
5	4.50	6.87	10.61	10.84	9.49	7.68	5.20	4.06	4.41	3.17	2.65	2.55
6	4.37	6.28	9.95	10.24	---	7.73	5.07	4.17	4.95	2.96	2.59	2.47
7	4.31	6.02	9.46	9.76	9.37	7.81	4.91	4.64	4.97	2.84	2.54	2.40
8	4.45	6.76	9.11	9.52	9.19	7.92	4.78	5.12	4.62	2.82	2.51	2.35
9	4.78	7.52	---	9.61	8.94	8.01	4.68	5.16	4.19	2.98	2.47	2.32
10	5.03	8.08	8.76	9.77	8.61	7.98	4.58	5.02	3.83	3.51	2.46	2.30
11	5.15	8.40	8.64	9.85	8.22	7.74	4.50	4.84	3.53	3.93	2.54	2.28
12	5.13	8.56	8.53	9.97	7.84	7.33	4.48	4.68	3.30	4.60	2.64	2.26
13	---	8.96	8.41	10.05	7.53	6.86	4.80	5.55	3.13	5.36	2.94	2.25
14	---	9.59	8.28	9.99	7.40	6.49	5.53	5.55	3.00	4.93	3.13	2.26
15	---	10.17	8.16	9.84	7.46	6.25	6.61	5.28	2.92	4.17	2.98	2.41
16	---	10.35	8.03	9.58	7.75	6.14	8.65	5.01	2.91	3.75	2.81	2.42
17	4.31	10.38	7.76	9.24	---	6.39	10.0	4.68	2.95	3.70	2.73	2.55
18	4.44	10.48	7.29	8.90	8.43	6.92	10.70	4.44	2.91	4.15	2.60	2.95
19	5.19	11.32	6.92	8.64	8.57	7.40	10.48	4.31	2.86	4.61	2.52	3.12
20	6.37	12.76	6.69	8.46	8.63	7.70	9.98	4.32	---	4.30	2.47	2.98
21	7.02	13.48	6.54	8.39	8.55	7.92	9.55	4.31	3.01	3.98	2.43	2.80
22	7.08	14.11	6.45	8.63	8.30	8.10	9.26	4.15	2.99	3.96	2.43	2.74
23	6.76	15.12	6.83	9.03	7.93	8.22	8.93	3.91	2.90	3.83	2.40	2.63
24	6.33	15.60	7.17	9.58	7.56	8.19	8.40	3.69	2.85	3.37	2.38	2.61
25	5.96	15.45	7.64	10.10	7.23	7.99	7.72	3.50	---	3.04	2.38	2.65
26	5.64	15.05	8.86	10.37	7.06	7.66	7.14	3.37	3.22	2.87	2.39	2.63
27	5.37	14.60	10.34	10.44	7.00	7.25	6.72	3.25	3.19	2.79	2.39	2.56
28	6.15	14.15	11.53	10.41	7.08	6.83	6.38	3.16	2.96	2.74	2.40	2.50
29	7.45	13.74	12.15	10.28	---	6.45	6.01	3.09	2.91	2.70	3.03	2.43
30	8.29	13.36	12.58	10.0	---	6.15	5.49	3.04	3.80	2.72	3.67	2.38
31	8.79	---	12.78	9.59	---	5.92	---	2.98	---	2.74	3.67	---
Mean	---	10.68	---	10.00	---	7.32	6.75	4.30	---	3.70	2.68	2.60
Max	---	15.60	---	12.74	---	8.22	10.70	5.55	---	5.53	3.67	3.46
Min	---	6.02	---	8.39	---	5.92	4.48	2.98	---	2.70	2.38	2.25

02091764 CONTENTNEA CREEK AT GRIFTON, NC—Continued



02091764 CONTENTNEA CREEK AT GRIFTON, NC—Continued**CLIMATOLOGICAL RECORDS**

PERIOD OF RECORD.--December 2005 to current year.

INSTRUMENTATION.--Tipping-bucket raingage. Satellite telemetry at station.

REMARKS.--Precipitation collected during freezing periods may not be accurately reflected in the daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.09	0.24	0.75	0.03	0.00	0.00	0.00	0.01	0.00	0.00
2	0.00	0.00	0.00	0.00	0.08	0.58	0.07	0.00	0.09	0.00	0.00	0.00
3	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.18	0.00	0.00	0.00
4	0.00	0.00	0.01	0.00	0.00	0.00	0.19	0.01	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.13	0.02	0.00	0.00	0.00
6	0.47	0.00	0.00	0.32	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00
7	0.07	1.65	0.00	0.06	0.00	0.00	0.01	0.00	0.00	0.14	0.00	0.00
8	0.11	0.02	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.21	0.01	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.08
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	1.33	0.47	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.28	0.00	0.00
12	0.00	1.18	0.00	0.00	0.00	0.00	0.13	0.97	0.00	0.01	0.00	0.00
13	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.01	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.53
15	0.00	0.00	0.00	0.00	0.00	0.00	3.68	0.00	0.00	0.01	0.00	1.11
16	0.00	0.84	0.00	0.04	0.00	0.46	0.01	0.00	0.82	0.09	0.00	0.00
17	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.45	0.01	0.00
18	0.08	0.00	0.00	0.30	0.00	0.00	0.00	0.01	0.00	1.19	0.00	0.00
19	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.01	0.00	0.47
21	0.00	1.17	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.03
22	0.19	2.76	1.43	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.36
23	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
24	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00
25	0.00	0.00	1.33	0.00	0.31	0.00	0.00	0.00	0.17	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.20	0.00
27	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	1.23	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.01	0.00	0.00	1.15	0.41	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.19	1.28	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
Total	3.97	7.72	3.21	2.42	1.65	1.08	4.14	3.21	6.49	5.21	1.06	2.58

02091764 CONTENTNEA CREEK AT GRIFTON, NC—Continued

