

Water-Data Report 2008

02089192 NEUSE RIVER AT WHITEHALL, NC

Neuse Basin
Middle Neuse Subbasin

LOCATION.--Lat 35°13'47", long 77°50'47" referenced to North American Datum of 1983, Wayne County, NC, Hydrologic Unit 03020202, at bridge on Secondary Road 1731 at Whitehall, and 2 mi below Mill Creek.

DRAINAGE AREA.--2,505 mi².

SURFACE-WATER RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 28.84 ft above North American Vertical Datum of 1988. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 18.68 ft, November 29, 2006; minimum gage height, 2.92 ft, October 14, 15, 2007.

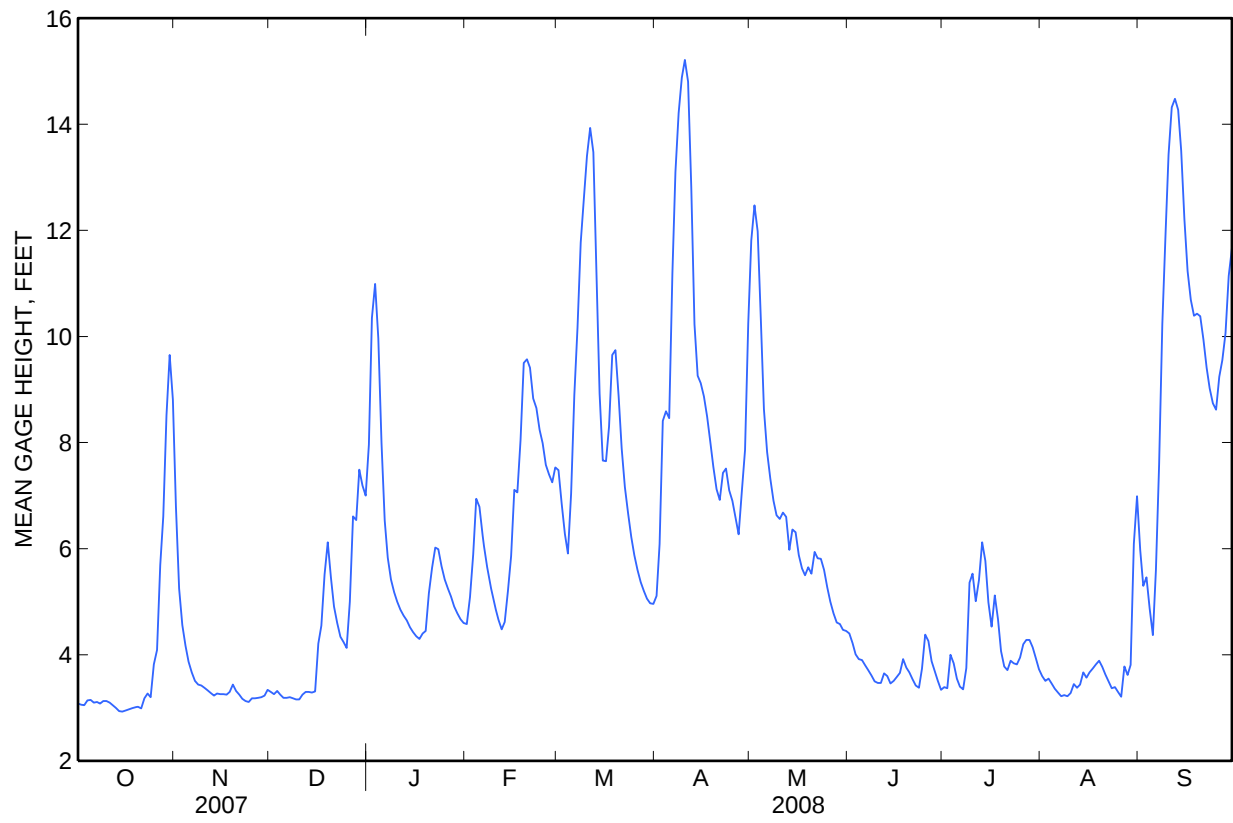
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.26 ft, April 10; minimum gage height, 2.92 ft, October 14, 15.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.08	6.80	3.30	7.96	4.58	7.48	5.11	11.81	4.40	3.39	3.60	5.97
2	3.06	5.25	3.26	10.35	5.09	6.85	6.09	12.47	4.22	3.37	3.51	5.30
3	3.05	4.56	3.32	10.99	5.89	6.28	8.41	11.98	4.01	4.00	3.55	5.46
4	3.14	4.17	3.25	9.96	6.94	5.91	8.59	10.30	3.92	3.84	3.46	4.87
5	3.15	3.87	3.19	7.99	6.79	7.04	8.46	8.63	3.90	3.55	3.36	4.37
6	3.10	3.67	3.19	6.53	6.25	8.89	11.19	7.82	3.80	3.40	3.29	5.60
7	3.11	3.51	3.20	5.83	5.81	10.17	13.10	7.32	3.71	3.35	3.22	7.59
8	3.08	3.44	3.18	5.42	5.47	11.77	14.21	6.90	3.61	3.75	3.24	10.23
9	3.13	3.42	3.16	5.18	5.17	12.57	14.88	6.63	3.50	5.36	3.22	11.92
10	3.13	3.38	3.16	5.00	4.89	13.40	15.21	6.56	3.47	5.53	3.28	13.43
11	3.10	3.33	3.25	4.85	4.66	13.93	14.80	6.68	3.47	5.01	3.45	14.32
12	3.05	3.28	3.30	4.74	4.48	13.47	12.81	6.60	3.65	5.41	3.38	14.48
13	3.00	3.23	3.30	4.65	4.62	11.24	10.23	5.98	3.60	6.12	3.44	14.27
14	2.94	3.27	3.29	4.52	5.20	8.92	9.26	6.36	3.46	5.77	3.67	13.50
15	2.93	3.26	3.31	4.43	5.86	7.66	9.12	6.31	3.51	4.99	3.57	12.21
16	2.95	3.26	4.21	4.35	7.11	7.65	8.87	5.88	3.58	4.53	3.67	11.23
17	2.97	3.25	4.55	4.30	7.06	8.30	8.49	5.63	3.66	5.12	3.74	10.69
18	2.99	3.30	5.51	4.40	8.05	9.65	8.01	5.50	3.92	4.67	3.82	10.39
19	3.01	3.44	6.12	4.45	9.50	9.74	7.54	5.65	3.76	4.07	3.89	10.43
20	3.02	3.32	5.45	5.16	9.57	8.87	7.12	5.53	3.67	3.78	3.77	10.38
21	2.99	3.25	4.91	5.64	9.41	7.89	6.92	5.94	3.54	3.71	3.63	9.94
22	3.18	3.17	4.60	6.02	8.83	7.16	7.43	5.82	3.42	3.89	3.50	9.41
23	3.27	3.13	4.34	5.99	8.65	6.67	7.51	5.81	3.38	3.84	3.37	9.02
24	3.20	3.11	4.24	5.67	8.24	6.22	7.10	5.60	3.74	3.82	3.39	8.74
25	3.82	3.18	4.13	5.42	7.99	5.88	6.90	5.27	4.38	3.95	3.30	8.62
26	4.09	3.18	5.00	5.25	7.58	5.60	6.58	5.00	4.26	4.20	3.21	9.24
27	5.69	3.19	6.61	5.10	7.40	5.37	6.27	4.78	3.88	4.28	3.78	9.55
28	6.61	3.20	6.54	4.91	7.25	5.20	7.08	4.61	3.70	4.28	3.62	10.06
29	8.51	3.23	7.49	4.78	7.53	5.06	7.86	4.58	3.51	4.14	3.81	11.14
30	9.65	3.34	7.19	4.67	---	4.97	10.24	4.47	3.34	3.93	6.09	11.66
31	8.81	---	7.00	4.60	---	4.96	---	4.45	---	3.73	6.99	---
Mean	3.90	3.57	4.40	5.78	6.75	8.22	9.18	6.67	3.73	4.28	3.70	9.80
Max	9.65	6.80	7.49	10.99	9.57	13.93	15.21	12.47	4.40	6.12	6.99	14.48
Min	2.93	3.11	3.16	4.30	4.48	4.96	5.11	4.45	3.34	3.35	3.21	4.37

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02089192 NEUSE RIVER AT WHITEHALL, 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 2007 TO SEPTEMBER 2008
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	---	0.01	0.01	0.00	0.32	0.00	0.00	0.00
2	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.22	0.00
3	0.00	0.00	---	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.74	0.02	0.03	0.00	0.00	0.00	0.00
5	0.05	0.00	0.00	0.00	0.00	0.47	2.33	0.04	0.00	0.13	0.00	2.37
6	0.14	0.00	0.00	0.00	---	0.00	0.02	0.00	0.00	0.43	0.00	1.19
7	0.00	0.00	0.00	0.00	0.01	0.63	0.00	0.00	0.00	0.02	0.18	0.00
8	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.02	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.38	0.00	0.27	0.00	0.28
10	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	1.05	0.08	0.11
11	0.00	0.00	0.00	---	0.00	0.00	0.00	0.42	0.26	0.05	0.27	0.00
12	0.00	0.00	0.00	0.00	---	0.00	0.15	0.01	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	---	0.00	0.01	0.00	0.00	0.00	2.01	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.01	0.00
15	0.00	0.17	0.72	0.00	0.00	0.41	0.01	0.10	0.19	0.00	0.43	0.00
16	0.00	0.00	0.67	0.00	0.00	0.02	0.00	0.18	0.00	0.00	0.01	0.67
17	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
18	0.26	0.00	0.00	0.00	2.25	0.00	0.00	0.26	0.00	0.00	0.00	0.00
19	0.07	0.00	0.00	0.70	0.00	0.82	0.00	0.01	0.00	0.33	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.18	0.34	0.59	0.00	0.00	0.00	0.00
21	0.00	0.00	0.31	0.00	0.17	0.00	0.00	0.01	0.51	0.00	0.00	0.00
22	0.00	0.00	0.00	0.03	0.65	0.00	0.22	0.00	0.00	1.89	0.00	0.00
23	0.80	0.00	0.14	0.10	0.01	0.00	0.04	0.00	0.00	1.74	0.00	0.00
24	1.04	0.00	0.01	0.00	0.00	0.00	0.00	0.10	0.00	0.22	0.00	0.00
25	0.64	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.91
26	0.32	0.06	1.79	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.01	0.69
27	1.08	0.00	0.00	0.00	0.00	0.00	1.11	0.00	0.00	0.00	1.38	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.43	0.17	0.00	0.05	0.11
29	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	1.31	0.00
30	0.00	0.00	0.94	0.13	---	0.14	0.00	0.00	0.00	0.00	0.70	0.00
31	0.00	---	0.03	0.00	---	0.14	---	0.00	---	0.03	0.01	---
Total	4.48	0.24	---	---	---	4.04	4.37	2.62	1.49	6.19	6.69	7.47

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