

Water-Data Report 2007

02089192 NEUSE RIVER AT WHITEHALL, NC

Neuse Basin
Middle Neuse Subbasin

LOCATION.--Lat 35°13'45", long 77°50'47" referenced to North American Datum of 1927, 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 40 ft above North American Vertical Datum of 1929, by topographic map. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 18.68 ft, November 29, 2006; minimum gage height, 3.07, September 13-15, 2007.

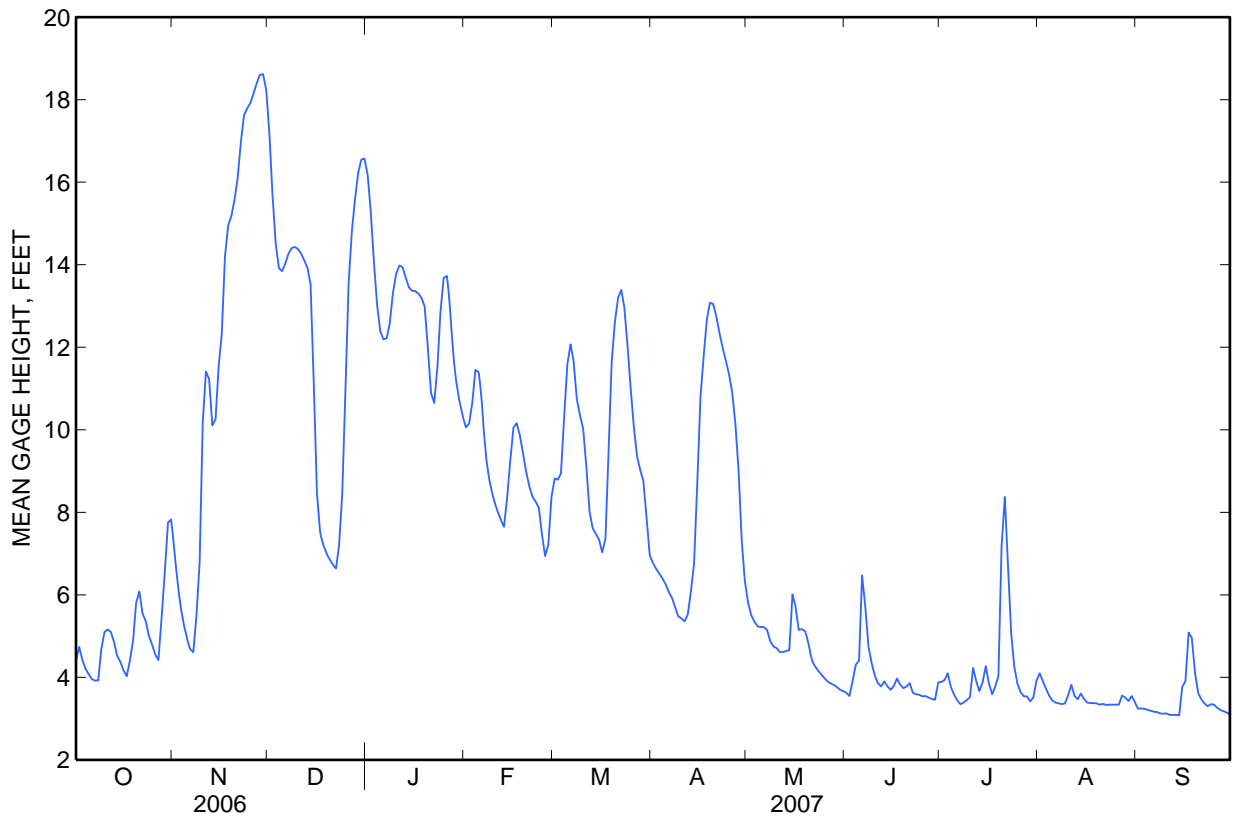
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.68 ft, November 29; minimum gage height, 3.07 ft, September 13-15.

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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	4.41	7.08	17.16	16.17	10.06	8.82	6.77	5.82	3.63	3.89	4.10	3.24
2	4.74	6.35	15.70	15.30	10.15	8.79	6.63	5.51	3.55	3.94	3.91	3.25
3	4.42	5.75	14.52	14.07	10.66	8.94	6.52	5.35	3.92	4.10	3.72	3.24
4	4.21	5.27	13.92	13.02	11.45	10.31	6.40	5.24	4.31	3.77	3.56	3.21
5	4.08	4.95	13.84	12.38	11.40	11.59	6.26	5.22	4.41	3.58	3.44	3.20
6	3.96	4.69	14.03	12.19	10.60	12.07	6.07	5.22	6.47	3.44	3.39	3.17
7	3.92	4.61	14.26	12.22	9.69	11.66	5.93	5.15	5.72	3.35	3.37	3.16
8	3.93	5.50	14.40	12.58	9.00	10.75	5.70	4.88	4.75	3.39	3.35	3.13
9	4.68	6.82	14.43	13.32	8.55	10.35	5.48	4.75	4.34	3.45	3.37	3.12
10	5.10	10.16	14.38	13.78	8.24	10.02	5.43	4.71	4.04	3.52	3.57	3.13
11	5.16	11.41	14.27	13.98	8.02	9.08	5.36	4.62	3.86	4.23	3.82	3.09
12	5.10	11.23	14.11	13.94	7.84	8.01	5.53	4.61	3.78	3.90	3.55	3.09
13	4.85	10.11	13.93	13.70	7.65	7.62	6.11	4.64	3.90	3.67	3.47	3.09
14	4.53	10.25	13.53	13.46	8.33	7.48	6.76	4.66	3.78	3.88	3.61	3.08
15	4.38	11.55	11.14	13.37	9.24	7.34	8.71	6.01	3.70	4.27	3.48	3.77
16	4.17	12.32	8.46	13.36	10.05	7.03	10.79	5.72	3.79	3.85	3.39	3.91
17	4.03	14.20	7.55	13.30	10.16	7.36	11.79	5.15	3.97	3.59	3.38	5.09
18	4.41	14.95	7.22	13.19	9.87	9.42	12.68	5.17	3.83	3.79	3.38	4.96
19	4.90	15.18	7.02	12.99	9.45	11.64	13.08	5.12	3.74	4.03	3.37	4.10
20	5.81	15.58	6.86	11.99	8.99	12.61	13.05	4.84	3.78	7.18	3.34	3.62
21	6.08	16.09	6.74	10.89	8.63	13.20	12.75	4.47	3.86	8.37	3.36	3.47
22	5.55	16.95	6.64	10.65	8.38	13.39	12.34	4.28	3.63	6.70	3.33	3.37
23	5.36	17.62	7.19	11.53	8.26	12.97	11.98	4.18	3.59	5.07	3.34	3.30
24	5.00	17.79	8.44	12.86	8.11	12.04	11.67	4.08	3.58	4.27	3.34	3.35
25	4.79	17.92	10.96	13.68	7.47	10.99	11.35	4.00	3.54	3.85	3.34	3.34
26	4.56	18.14	13.56	13.73	6.94	10.05	10.92	3.91	3.55	3.64	3.34	3.27
27	4.42	18.39	14.80	12.96	7.22	9.35	10.15	3.86	3.51	3.54	3.56	3.21
28	5.45	18.60	15.56	11.81	8.38	9.02	9.02	3.82	3.48	3.54	3.51	3.18
29	6.55	18.62	16.21	11.12	---	8.76	7.31	3.77	3.46	3.42	3.43	3.15
30	7.75	18.24	16.55	10.72	---	7.87	6.35	3.70	3.88	3.51	3.55	3.10
31	7.83	---	16.57	10.35	---	6.96	---	3.67	---	3.92	3.41	---
Mean	4.97	12.21	12.39	12.86	9.03	9.85	8.63	4.71	3.98	4.15	3.49	3.41
Max	7.83	18.62	17.16	16.17	11.45	13.39	13.08	6.01	6.47	8.37	4.10	5.09
Min	3.92	4.61	6.64	10.35	6.94	6.96	5.36	3.67	3.46	3.35	3.33	3.08

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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	0.74	0.12	0.78	0.09	0.00	0.00	0.00	0.00	0.00	0.00
2	---	0.00	0.00	0.00	0.12	---	0.05	0.00	0.09	0.00	0.00	0.01
3	---	0.00	0.02	0.00	0.00	0.02	0.00	0.00	1.59	0.00	0.00	0.00
4	---	0.00	0.01	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00
5	---	0.00	0.00	0.06	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
6	---	0.00	0.00	0.34	0.00	0.00	0.00	0.26	0.00	0.00	0.01	0.00
7	---	1.28	0.19	0.08	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
8	---	0.02	0.00	0.72	0.00	0.00	0.00	0.02	0.00	0.00	0.06	0.00
9	---	0.00	0.00	0.01	0.00	0.00	0.00	0.16	0.00	0.00	---	0.01
10	---	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	1.13	1.43	0.00
11	---	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.10	0.00	0.00
12	---	0.65	0.00	0.00	0.00	0.00	0.27	0.64	0.28	0.00	0.00	0.03
13	---	0.00	0.00	0.00	0.49	0.00	0.00	0.01	0.00	0.00	0.00	0.01
14	---	0.00	0.00	0.00	0.10	0.00	---	0.00	0.00	0.00	0.00	0.27
15	---	0.00	0.00	0.00	0.00	0.00	1.91	0.00	0.00	0.00	0.00	1.19
16	---	1.76	0.00	0.02	0.00	0.45	0.02	0.00	0.00	0.00	0.00	0.00
17	---	0.00	0.00	0.00	0.00	0.00	0.01	0.35	0.00	1.40	0.00	0.00
18	---	0.00	0.00	0.31	0.03	0.00	0.00	0.08	0.00	1.08	0.08	0.00
19	---	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
20	---	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.26	0.00	0.35
21	---	1.34	0.00	0.41	0.00	0.00	0.00	0.00	0.01	0.01	0.13	0.03
22	---	2.91	0.78	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
23	---	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	1.47	0.00	0.22	0.00	0.00	0.00	0.63	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	1.14	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.02	0.00
28	0.59	0.00	0.00	0.18	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.11	0.00	0.00	0.81	0.00	0.00	0.00
30	0.00	---	0.00	0.00	---	0.00	0.00	0.00	1.58	0.20	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
Mean	---	---	0.11	0.09	0.06	---	---	0.05	0.18	0.14	---	0.06
Max	---	---	1.47	0.72	0.78	---	---	0.64	1.59	1.40	---	1.19
Min	---	---	0.00	0.00	0.00	---	---	0.00	0.00	0.00	---	0.00

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