



Water-Data Report 2007

**0207730290 AFTERBAY RESERVIOR AT DAM NEAR McGEHEES MILL, NC**

Roanoke Basin  
Lower Dan Subbasin

LOCATION.--Lat 36°31'21", long 78°59'51" referenced to North American Datum of 1983, Person County, NC, Hydrologic Unit 03010104, on Afterbay Reservoir dam on Hyco River, 1.2 mi upstream from Ghent Creek, and 1.8 mi northeast of McGehees Mill.

DRAINAGE AREA.--202 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--January 1996 to current year.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 391.11 ft, September 7, 1996; minimum elevation not determined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 385.45 ft, November 23; minimum elevation, 373.43, September 30.

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**ELEVATION, 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	381.16	381.89	380.75	380.31	380.39	381.47	381.54	380.26	378.42	376.40	---	374.07
2	381.28	381.96	379.59	380.16	380.50	381.10	380.50	379.96	378.36	376.32	374.72	374.03
3	381.33	381.97	379.76	380.85	380.65	381.77	379.89	379.61	378.37	376.24	374.70	374.00
4	381.34	381.94	380.02	381.46	380.78	382.01	380.19	379.48	378.33	376.16	374.68	373.98
5	381.32	381.90	380.23	381.49	380.85	381.68	380.49	379.49	378.26	376.08	374.66	373.96
6	382.02	381.84	380.41	380.69	380.88	381.04	380.66	379.47	378.20	376.03	374.63	373.94
7	382.64	381.82	380.57	380.36	380.91	381.18	380.80	379.43	378.12	375.96	374.61	373.91
8	382.09	381.52	380.67	381.20	380.95	381.53	380.88	379.38	378.05	375.88	374.59	373.89
9	382.94	380.49	380.72	381.23	380.98	381.81	380.93	379.33	377.98	375.82	374.57	373.86
10	381.82	379.50	380.77	381.37	381.00	382.06	380.97	379.31	377.91	---	374.55	373.84
11	381.10	378.79	380.82	380.85	381.01	382.28	381.02	379.31	377.83	---	374.52	373.82
12	380.61	379.80	380.87	379.72	381.03	382.18	380.72	379.32	377.75	375.76	374.49	373.79
13	380.60	381.16	380.94	379.49	381.06	382.06	380.53	379.31	377.69	375.69	374.45	373.76
14	380.72	380.45	381.01	380.15	381.61	381.97	380.93	379.27	377.62	375.61	374.42	373.76
15	380.76	379.13	381.10	380.68	381.45	381.88	381.41	379.24	377.54	375.54	374.38	373.85
16	380.76	378.37	381.18	381.11	382.51	381.93	381.92	379.23	377.46	375.47	374.36	373.81
17	380.79	380.18	381.24	381.38	382.17	382.53	380.45	379.28	377.39	375.42	374.37	373.77
18	380.94	379.56	381.30	381.59	381.22	381.88	379.86	379.27	377.31	375.41	374.35	373.73
19	381.08	379.07	381.36	381.82	380.15	380.18	380.44	379.24	377.25	375.34	374.32	373.69
20	381.24	379.14	381.39	382.01	380.35	380.62	381.02	379.20	377.18	375.27	374.29	373.67
21	381.31	379.72	381.41	382.16	380.73	381.06	381.33	379.15	377.10	375.19	374.27	373.65
22	381.35	381.44	381.48	382.34	381.14	381.32	381.47	379.09	377.01	375.11	374.27	373.64
23	381.39	384.87	381.67	381.79	381.56	381.52	381.53	379.03	376.94	375.03	374.25	373.63
24	381.37	382.09	381.14	381.21	381.86	381.62	381.49	378.96	376.86	374.96	374.23	373.61
25	381.32	380.45	380.62	380.62	382.00	381.66	381.40	378.90	376.79	374.92	374.21	373.59
26	381.25	380.37	381.18	380.07	381.48	381.63	381.25	378.84	376.73	374.90	374.19	373.57
27	381.21	380.25	382.06	379.96	381.77	381.59	381.10	378.77	376.66	374.87	374.18	373.55
28	381.32	380.27	382.26	379.89	381.98	381.59	380.99	378.70	376.58	374.85	374.16	373.53
29	381.50	380.52	381.98	379.99	---	382.28	380.80	378.63	376.51	374.82	374.14	373.49
30	381.66	380.66	381.48	380.20	---	382.59	380.55	378.56	376.45	374.80	374.12	373.46
31	381.79	---	380.87	380.30	---	382.33	---	378.49	---	374.77	374.10	---
<b>Mean</b>	381.36	380.70	381.00	380.85	381.18	381.69	380.90	379.21	377.49	---	---	373.76
<b>Max</b>	382.94	384.87	382.26	382.34	382.51	382.59	381.92	380.26	378.42	---	---	374.07
<b>Min</b>	380.60	378.37	379.59	379.49	380.15	380.18	379.86	378.49	376.45	---	---	373.46

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