



---

Water-Data Report 2010

**02077280 HYCO LAKE AT DAM NEAR ROXBORO, NC**

Roanoke Basin  
Lower Dan Subbasin

LOCATION.--Lat 36°30'42", long 79°02'50" referenced to North American Datum of 1983, Person County, NC, Hydrologic Unit 03010104, at spillway, off dam on Hyco River, 4.5 mi above Ghents Creek and 8 mi northwest of Roxboro.

DRAINAGE AREA.--189 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1985 to current year.

GAGE.--Water-stage recorder. Datum of gage is 399.79 ft above National Geodetic Vertical Datum of 1929. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.68 ft, September 6, 1996; minimum gage height, 6.65, October 23, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.35 ft, November 13; minimum gage height, 7.97 ft, September 26.

## 02077280 HYCO LAKE AT DAM NEAR ROXBORO, NC—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.97	8.95	10.66	10.71	10.69	10.62	10.82	10.45	10.69	9.93	9.19	8.88
2	8.95	9.24	10.71	10.68	10.67	10.61	10.74	10.44	10.68	9.89	9.16	8.84
3	8.93	9.30	11.43	10.65	10.76	10.64	10.70	10.43	10.64	9.85	9.14	8.81
4	8.92	9.30	11.24	10.62	10.93	10.64	10.66	10.42	10.60	9.82	9.14	8.76
5	8.90	9.31	10.98	10.61	11.04	10.63	10.64	10.41	10.57	9.79	9.18	8.71
6	8.88	9.30	10.92	10.60	11.93	10.62	10.62	10.41	10.54	9.75	9.21	8.67
7	8.87	9.30	10.82	10.59	11.50	10.62	10.61	10.39	10.50	9.71	9.24	8.64
8	8.84	9.29	10.74	10.59	11.09	10.61	10.59	10.38	10.47	9.67	9.22	8.61
9	8.83	9.28	11.19	10.57	10.92	10.60	10.62	10.32	10.45	9.65	9.20	8.56
10	8.81	9.29	11.33	10.56	10.93	10.61	10.60	10.30	10.43	9.63	9.18	8.52
11	8.78	9.95	11.01	10.56	10.86	10.60	10.58	10.29	10.41	9.59	9.15	8.48
12	8.77	11.69	10.82	10.56	10.80	10.61	10.56	10.28	10.40	9.55	9.12	8.46
13	8.76	12.22	10.93	10.56	10.76	10.76	10.54	10.25	10.45	9.52	9.08	8.43
14	8.73	11.57	11.12	10.56	10.73	11.01	10.52	10.26	10.46	9.52	9.04	8.39
15	8.73	11.08	10.97	10.55	10.71	11.02	10.53	10.28	10.45	9.49	9.02	8.36
16	8.71	10.85	10.83	10.56	10.73	10.88	10.53	10.29	10.43	9.46	8.99	8.33
17	8.69	10.73	10.75	10.78	10.72	10.78	10.52	10.57	10.42	9.44	8.97	8.28
18	8.67	10.68	10.70	11.01	10.69	10.72	10.50	10.81	10.38	9.44	9.08	8.24
19	8.65	10.73	10.79	10.89	10.67	10.68	10.49	10.79	10.36	9.49	9.11	8.21
20	8.62	10.73	10.82	10.79	10.66	10.66	10.49	10.72	10.34	9.48	9.11	8.18
21	8.61	10.70	10.83	10.74	10.65	10.64	10.51	10.67	10.31	9.49	9.09	8.15
22	8.60	10.66	10.81	10.83	10.65	10.66	10.52	10.65	10.28	9.46	9.07	8.12
23	8.58	10.81	10.79	10.84	10.65	10.66	10.52	10.73	10.25	9.43	9.04	8.09
24	8.60	11.15	10.76	10.79	10.65	10.63	10.51	10.69	10.21	9.39	9.04	8.07
25	8.59	10.99	10.95	11.16	10.67	10.62	10.54	10.66	10.17	9.36	9.04	8.03
26	8.56	10.84	11.73	11.23	10.66	10.62	10.53	10.62	10.14	9.34	9.03	8.00
27	8.57	10.88	11.35	10.96	10.64	10.62	10.50	10.59	10.11	9.31	9.00	8.07
28	8.70	10.82	11.02	10.82	10.63	10.62	10.48	10.60	10.07	9.29	8.98	8.15
29	8.72	10.74	10.85	10.73	---	11.32	10.46	10.98	10.02	9.27	8.96	8.16
30	8.72	10.69	10.76	10.74	---	11.25	10.45	10.94	9.97	9.24	8.93	8.83
31	8.73	---	10.72	10.73	---	10.97	---	10.78	---	9.20	8.90	---
<b>Mean</b>	8.74	10.37	10.95	10.73	10.82	10.73	10.56	10.53	10.37	9.53	9.08	8.40
<b>Max</b>	8.97	12.22	11.73	11.23	11.93	11.32	10.82	10.98	10.69	9.93	9.24	8.88
<b>Min</b>	8.56	8.95	10.66	10.55	10.63	10.60	10.45	10.25	9.97	9.20	8.90	8.00

02077280 HYCO LAKE AT DAM NEAR ROXBORO, NC—Continued

