

Water-Data Report 2010

**02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC**

Neuse Basin  
Upper Neuse Subbasin

LOCATION.--Lat 35°56'28", long 78°35'00" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, on intake tower 50 ft upstream from Falls Lake dam, and 0.3 mi northwest of Falls and 235 mi upstream from mouth.

DRAINAGE AREA.--771 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--February 1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. U.S. Army Corps of Engineers satellite telemetry at streamgage.

COOPERATION.--Gage is operated in cooperation with the U.S. Army Corps of Engineers.

REMARKS.--Falls Lake is used for flood control, water supply, low-flow augmentation, and recreation. Temporary filling began May 1981 as water supply for city of Raleigh during drought conditions. Gates were closed on January 13, 1983 and normal pool elevation of 250.1 ft was recorded December 7, 1983. Total capacity of reservoir is 4,998,074,000 ft<sup>3</sup> at elevation of 250.1 ft. Extremes for period of record provided by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 264.34 ft, October 1, 2, 1999; minimum elevation, 241.52 ft, December 26, 2007.

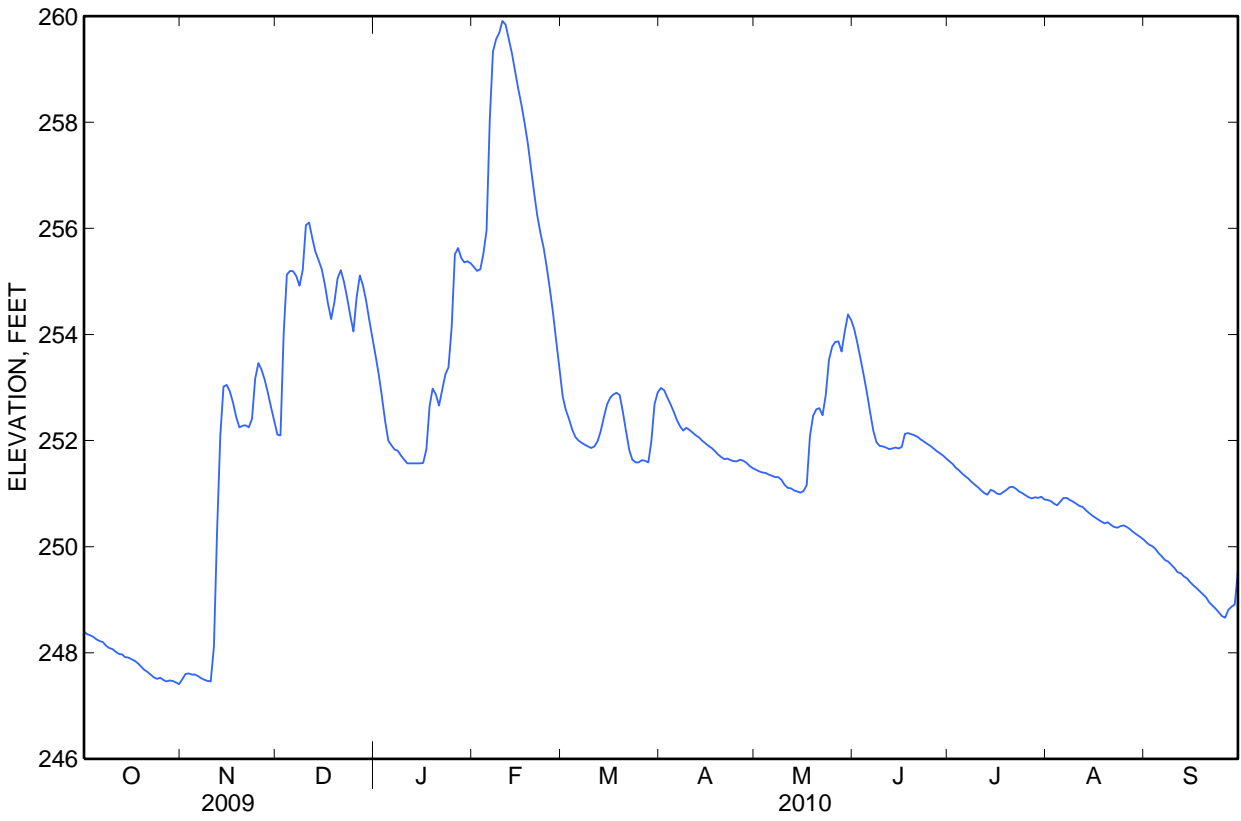
EXTREMES FOR CURRENT YEAR.--Maximum elevation, 260.08 ft, February 10; minimum elevation, 247.38 ft, October 31.

## 02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC—Continued

**ELEVATION, 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	248.40	247.50	252.11	253.59	255.27	252.83	252.99	251.45	254.10	251.61	250.88	250.09
2	248.35	247.60	252.10	253.25	255.20	252.58	252.95	251.42	253.83	251.56	250.86	250.04
3	248.33	247.61	254.02	252.83	255.23	252.41	252.82	251.40	253.53	251.49	250.81	250.01
4	248.30	247.59	255.13	252.37	255.52	252.21	252.69	251.39	253.22	251.44	250.78	249.96
5	248.25	247.59	255.20	252.00	255.96	252.07	252.55	251.36	252.89	251.38	250.85	249.88
6	248.22	247.56	255.19	251.91	258.04	252.00	252.39	251.34	252.54	251.33	250.92	249.82
7	248.20	247.52	255.10	251.83	259.33	251.96	252.27	251.31	252.19	251.28	250.92	249.75
8	248.13	247.49	254.92	251.81	259.57	251.92	252.19	251.31	251.97	251.22	250.88	249.72
9	248.09	247.47	255.21	251.72	259.68	251.89	252.24	251.26	251.90	251.17	250.85	249.66
10	248.07	247.46	256.06	251.64	259.91	251.86	252.20	251.17	251.89	251.12	250.81	249.60
11	248.02	248.12	256.11	251.57	259.84	251.89	252.15	251.11	251.87	251.06	250.77	249.52
12	247.98	250.32	255.83	251.57	259.57	251.99	252.10	251.10	251.84	251.01	250.75	249.50
13	247.97	252.10	255.56	251.57	259.29	252.17	252.06	251.06	251.85	250.98	250.69	249.44
14	247.92	253.02	255.40	251.57	258.97	252.44	252.00	251.04	251.87	251.07	250.64	249.40
15	247.91	253.05	255.23	251.57	258.63	252.68	251.95	251.02	251.85	251.05	250.59	249.33
16	247.88	252.93	254.93	251.58	258.33	252.81	251.90	251.05	251.88	251.00	250.55	249.27
17	247.85	252.72	254.58	251.84	257.98	252.87	251.86	251.16	252.13	250.99	250.51	249.22
18	247.80	252.45	254.29	252.65	257.60	252.90	251.80	252.08	252.14	251.03	250.47	249.16
19	247.74	252.25	254.61	252.98	257.15	252.86	251.74	252.47	252.12	251.07	250.44	249.10
20	247.68	252.28	255.06	252.87	256.68	252.54	251.69	252.59	252.10	251.12	250.46	249.04
21	247.64	252.29	255.21	252.66	256.24	252.17	251.65	252.61	252.07	251.13	250.41	248.95
22	247.59	252.25	254.99	252.96	255.91	251.82	251.66	252.48	252.02	251.09	250.37	248.89
23	247.54	252.41	254.70	253.25	255.63	251.64	251.63	252.86	251.98	251.04	250.36	248.83
24	247.51	253.17	254.36	253.38	255.25	251.59	251.61	253.52	251.94	251.01	250.39	248.76
25	247.53	253.46	254.06	254.14	254.85	251.59	251.61	253.77	251.90	250.97	250.40	248.69
26	247.49	253.34	254.70	255.51	254.39	251.63	251.64	253.86	251.85	250.93	250.37	248.66
27	247.46	253.15	255.11	255.63	253.86	251.62	251.62	253.87	251.80	250.91	250.33	248.81
28	247.48	252.90	254.93	255.44	253.35	251.59	251.58	253.68	251.76	250.93	250.28	248.87
29	247.47	252.63	254.64	255.36	---	251.99	251.52	254.06	251.72	250.92	250.23	248.91
30	247.44	252.37	254.27	255.38	---	252.69	251.48	254.38	251.66	250.94	250.19	249.53
31	247.41	---	253.93	255.34	---	252.91	---	254.27	---	250.89	250.15	---
<b>Mean</b>	247.86	250.75	254.76	252.96	257.04	252.20	252.02	252.18	252.21	251.12	250.58	249.35
<b>Max</b>	248.40	253.46	256.11	255.63	259.91	252.91	252.99	254.38	254.10	251.61	250.92	250.09
<b>Min</b>	247.41	247.46	252.10	251.57	253.35	251.59	251.48	251.02	251.66	250.89	250.15	248.66

**02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC—Continued**



**02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

WATER TEMPERATURE: September 2009 to October 2010

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: September 2009 to October 2010.

INSTRUMENTATION.--Water-temperature recorder located outside intake tower since September 2009.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 35.1°C, June 15, 2010; minimum recorded, 2.6°C, January 9, 2010.

EXTREMES FOR CURRENT YEAR.--Maximum recorded, 35.1°C, June 15, 2010; minimum recorded, 2.6°C, January 9, 2010.

**TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	26.9	25.5	26.1
5	---	---	---	---	---	---	---	---	---	27.5	25.6	26.5
6	---	---	---	---	---	---	---	---	---	27.1	25.9	26.5
7	---	---	---	---	---	---	---	---	---	26.2	25.2	25.6
8	---	---	---	---	---	---	---	---	---	25.3	25.0	25.1
9	---	---	---	---	---	---	---	---	---	26.1	24.8	25.3
10	---	---	---	---	---	---	---	---	---	25.4	24.5	24.9
11	---	---	---	---	---	---	---	---	---	26.7	24.2	25.1
12	---	---	---	---	---	---	---	---	---	26.7	24.6	25.6
13	---	---	---	---	---	---	---	---	---	26.0	25.1	25.5
14	---	---	---	---	---	---	---	---	---	27.5	24.9	25.8
15	---	---	---	---	---	---	---	---	---	27.9	25.0	25.9
16	---	---	---	---	---	---	---	---	---	26.2	25.1	25.5
17	---	---	---	---	---	---	---	---	---	25.1	24.5	24.7
18	---	---	---	---	---	---	---	---	---	24.8	24.3	24.5
19	---	---	---	---	---	---	---	---	---	24.7	24.1	24.4
20	---	---	---	---	---	---	---	---	---	24.7	24.0	24.2
21	---	---	---	---	---	---	---	---	---	24.9	23.9	24.3
22	---	---	---	---	---	---	---	---	---	24.8	24.0	24.3
23	---	---	---	---	---	---	---	---	---	26.5	24.2	24.7
24	---	---	---	---	---	---	---	---	---	27.2	24.5	25.5
25	---	---	---	---	---	---	---	---	---	26.8	24.3	25.5
26	---	---	---	---	---	---	---	---	---	24.3	23.8	24.0
27	---	---	---	---	---	---	---	---	---	24.8	23.5	24.0
28	---	---	---	---	---	---	---	---	---	24.4	23.4	23.9
29	---	---	---	---	---	---	---	---	---	24.1	23.2	23.6
30	---	---	---	---	---	---	---	---	---	24.4	22.9	23.4
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

## 02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
<b>1</b>	24.8	22.6	23.4	17.9	16.8	17.3	12.3	11.5	11.8	5.6	5.2	5.4
<b>2</b>	23.3	22.4	22.7	16.8	16.4	16.6	12.1	11.4	11.6	5.2	4.5	4.8
<b>3</b>	25.3	22.2	23.3	18.6	16.3	17.3	12.3	11.6	11.9	4.5	3.9	4.2
<b>4</b>	23.7	22.3	22.9	17.0	16.1	16.4	12.4	11.4	11.7	4.0	3.3	3.7
<b>5</b>	22.9	22.2	22.6	16.9	15.8	16.2	11.5	11.1	11.3	3.6	2.9	3.3
<b>6</b>	22.2	21.9	22.1	16.1	15.5	15.8	11.1	10.9	11.0	3.5	3.1	3.3
<b>7</b>	22.8	21.7	22.1	16.4	15.2	15.6	11.3	10.6	10.8	3.6	2.9	3.3
<b>8</b>	23.5	21.7	22.4	18.6	15.0	16.3	10.6	10.4	10.5	3.3	2.8	3.1
<b>9</b>	23.3	21.4	22.0	17.5	15.3	16.2	10.7	10.3	10.4	3.2	2.6	2.8
<b>10</b>	22.5	21.7	22.0	16.4	15.5	15.8	10.4	10.1	10.3	---	---	---
<b>11</b>	22.3	21.6	21.9	15.5	14.9	15.2	10.1	9.5	9.8	---	---	---
<b>12</b>	21.8	21.1	21.4	14.9	14.3	14.6	9.5	9.2	9.3	---	---	---
<b>13</b>	23.4	20.8	21.7	14.3	14.0	14.1	9.2	8.9	9.0	---	---	---
<b>14</b>	21.9	20.2	20.8	14.2	13.9	14.0	9.1	8.8	8.9	---	---	---
<b>15</b>	20.2	19.6	19.9	14.6	13.9	14.2	10.1	8.8	9.2	---	---	---
<b>16</b>	19.6	19.2	19.4	17.1	13.9	14.8	9.0	8.4	8.7	4.6	3.0	3.9
<b>17</b>	19.2	18.5	18.8	14.9	13.9	14.1	8.7	8.2	8.3	5.0	3.9	4.6
<b>18</b>	18.5	17.7	18.1	13.9	13.6	13.7	8.2	7.8	8.0	5.7	4.6	5.2
<b>19</b>	18.5	17.3	17.8	14.5	13.8	14.1	7.8	7.4	7.5	7.4	5.2	6.0
<b>20</b>	19.2	17.1	18.0	14.5	13.8	14.1	7.6	7.3	7.4	6.6	4.5	5.8
<b>21</b>	20.8	17.0	18.5	13.9	13.5	13.7	7.6	7.1	7.3	5.0	4.6	4.8
<b>22</b>	19.1	16.9	17.9	13.6	13.2	13.4	8.3	6.9	7.2	4.9	4.6	4.7
<b>23</b>	19.0	17.6	18.0	13.3	13.0	13.1	9.0	6.6	7.2	5.5	4.5	4.9
<b>24</b>	18.2	17.6	17.8	13.2	12.9	13.0	6.9	6.4	6.5	5.5	4.9	5.2
<b>25</b>	18.0	17.1	17.3	13.3	12.9	13.1	6.8	6.3	6.4	6.2	5.0	5.7
<b>26</b>	17.1	16.8	17.0	14.0	12.7	13.1	6.9	6.4	6.6	6.2	5.8	6.0
<b>27</b>	17.0	16.8	16.9	12.7	12.4	12.6	8.2	6.1	6.5	6.3	5.7	6.0
<b>28</b>	19.3	16.8	17.8	12.6	12.0	12.3	6.4	5.9	6.1	6.6	5.8	6.2
<b>29</b>	18.1	17.4	17.7	13.1	11.9	12.2	5.9	5.5	5.8	6.1	5.9	6.0
<b>30</b>	17.9	17.2	17.5	11.9	11.6	11.8	5.7	5.4	5.5	6.0	5.3	5.6
<b>31</b>	18.9	17.3	17.8	---	---	---	5.8	5.3	5.5	5.8	5.2	5.4
<b>Month</b>	25.3	16.8	19.9	18.6	11.6	14.5	12.4	5.3	8.6	---	---	---

## 02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
<b>1</b>	5.8	5.0	5.3	7.0	5.4	6.0	18.5	15.2	16.6	22.9	20.9	21.9
<b>2</b>	5.4	5.1	5.2	6.0	5.4	5.7	19.2	15.6	17.5	23.6	21.9	22.5
<b>3</b>	6.2	5.0	5.4	5.8	3.1	5.4	17.9	16.5	17.1	22.6	22.0	22.2
<b>4</b>	5.7	5.2	5.4	6.6	2.7	5.3	21.2	15.1	18.3	24.7	22.2	23.5
<b>5</b>	5.4	5.2	5.3	6.4	5.7	6.1	23.8	19.1	21.0	28.1	22.9	24.4
<b>6</b>	5.2	5.0	5.2	7.3	6.0	6.5	23.3	20.0	21.4	26.8	23.0	24.8
<b>7</b>	5.7	5.0	5.2	9.9	6.5	8.0	22.5	20.4	21.3	28.0	24.9	25.7
<b>8</b>	7.2	5.0	5.5	11.0	7.1	8.8	21.4	18.4	20.2	25.7	24.1	24.8
<b>9</b>	5.3	5.1	5.2	12.1	8.9	10.3	20.5	18.3	19.6	24.9	23.7	24.2
<b>10</b>	5.2	4.8	5.1	11.2	7.8	9.6	23.2	19.2	20.6	24.9	23.1	23.8
<b>11</b>	5.2	4.7	4.9	10.2	8.4	9.2	22.5	19.2	20.6	23.3	22.4	22.8
<b>12</b>	5.4	4.8	5.0	11.2	8.3	9.6	22.0	19.4	20.7	23.7	22.0	22.8
<b>13</b>	5.0	4.7	4.8	12.8	10.8	11.6	22.9	19.9	21.3	23.1	22.6	22.8
<b>14</b>	5.2	4.6	4.8	12.6	10.7	11.6	20.2	19.0	19.5	25.9	22.7	24.0
<b>15</b>	4.8	4.6	4.7	12.6	11.8	12.1	23.9	18.5	20.8	28.0	23.9	25.8
<b>16</b>	5.0	4.5	4.7	11.8	11.1	11.4	23.1	20.2	21.5	27.3	25.7	26.6
<b>17</b>	4.9	4.5	4.6	12.8	11.2	11.6	22.5	20.3	21.3	26.4	23.6	25.3
<b>18</b>	4.8	4.4	4.6	13.8	12.2	12.8	22.1	20.5	21.1	23.6	22.7	23.0
<b>19</b>	5.1	4.5	4.7	13.8	12.0	12.7	23.2	20.1	21.3	23.2	22.4	22.6
<b>20</b>	5.4	4.5	4.9	15.3	12.5	13.9	23.2	20.3	21.3	24.7	22.3	23.5
<b>21</b>	7.0	4.6	5.5	14.0	12.9	13.4	21.4	20.0	20.4	26.3	23.5	24.9
<b>22</b>	5.9	5.1	5.4	13.0	10.1	11.9	21.9	19.4	20.5	26.3	23.4	24.6
<b>23</b>	6.0	5.0	5.4	13.4	11.6	12.8	21.5	20.2	20.8	25.0	23.6	24.2
<b>24</b>	5.4	5.1	5.2	16.1	13.0	14.2	21.2	20.3	20.7	24.9	23.8	24.1
<b>25</b>	5.5	5.1	5.3	14.9	13.5	14.3	21.2	20.0	20.4	24.4	23.7	24.0
<b>26</b>	5.5	5.1	5.3	14.4	13.3	13.7	21.8	19.8	20.6	25.0	23.7	24.4
<b>27</b>	5.9	5.2	5.4	14.6	12.9	13.4	21.0	20.1	20.6	29.1	24.5	26.5
<b>28</b>	6.0	5.3	5.6	13.6	12.7	13.1	21.5	20.1	20.6	27.3	25.9	26.6
<b>29</b>	---	---	---	14.6	12.7	13.6	22.5	20.0	20.9	28.4	25.2	26.5
<b>30</b>	---	---	---	15.4	13.9	14.5	22.4	20.0	21.1	28.2	25.9	26.8
<b>31</b>	---	---	---	18.0	13.9	15.4	---	---	---	28.5	26.7	27.5
<b>Month</b>	7.2	4.4	5.1	18.0	2.7	10.9	23.9	15.1	20.3	29.1	20.9	24.4



## 02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
<b>1</b>	28.8	26.8	27.5	31.2	30.6	30.8	30.5	29.6	30.0	31.2	30.2	30.6
<b>2</b>	29.2	26.9	27.8	30.7	29.9	30.3	31.2	29.3	29.9	30.4	29.4	29.7
<b>3</b>	29.3	27.1	27.8	31.0	29.5	30.2	31.5	29.6	30.2	30.7	28.9	29.7
<b>4</b>	30.1	27.3	28.6	31.4	29.3	30.3	30.9	29.6	30.2	29.8	29.0	29.4
<b>5</b>	30.6	28.6	29.5	31.7	29.2	30.4	31.2	29.7	30.3	29.6	28.4	28.9
<b>6</b>	30.5	29.5	29.9	31.8	29.8	30.8	31.9	29.7	30.7	29.5	28.1	28.5
<b>7</b>	30.2	29.1	29.6	32.4	30.7	31.6	31.4	30.4	30.9	29.5	27.8	28.5
<b>8</b>	30.4	28.7	29.4	32.0	31.3	31.7	31.6	30.5	30.9	28.4	27.6	27.9
<b>9</b>	29.5	28.7	29.1	33.3	31.0	32.1	31.6	30.6	31.1	29.1	27.5	28.2
<b>10</b>	30.8	28.1	29.4	32.5	31.4	31.8	33.0	30.7	31.6	28.8	27.3	27.9
<b>11</b>	31.0	29.0	30.0	33.2	31.1	31.8	33.2	31.4	32.2	27.9	26.9	27.2
<b>12</b>	32.0	29.5	30.6	31.8	30.6	31.1	33.9	31.7	32.6	27.5	26.7	27.1
<b>13</b>	32.0	29.6	30.7	32.1	30.0	30.8	32.9	31.7	32.0	28.0	26.7	27.3
<b>14</b>	33.1	30.3	31.5	32.8	30.4	31.5	31.7	31.0	31.2	28.5	26.8	27.6
<b>15</b>	35.1	30.9	32.5	32.2	31.1	31.7	31.5	30.5	30.9	29.1	26.9	27.4
<b>16</b>	---	---	---	33.0	31.2	32.0	32.3	30.4	31.1	27.6	26.6	27.0
<b>17</b>	---	---	---	31.8	30.7	31.0	32.6	30.5	31.4	27.9	26.2	26.8
<b>18</b>	31.9	30.6	31.2	31.5	30.3	30.8	31.6	30.6	31.1	27.4	26.3	26.8
<b>19</b>	33.1	31.0	31.8	31.1	30.2	30.6	31.1	30.6	30.8	28.2	26.4	27.1
<b>20</b>	33.5	30.9	32.0	31.7	30.2	30.8	31.4	30.3	30.8	27.6	26.7	27.2
<b>21</b>	34.1	31.5	32.6	32.2	30.3	31.2	31.3	30.4	30.8	27.9	26.6	27.1
<b>22</b>	34.5	31.9	33.2	33.4	31.2	32.1	31.3	30.4	30.8	27.8	26.1	26.8
<b>23</b>	---	---	---	33.6	32.2	32.8	30.9	30.3	30.5	29.1	26.6	27.4
<b>24</b>	34.1	32.2	33.0	34.1	32.0	32.8	30.3	29.6	30.0	28.8	27.1	27.6
<b>25</b>	34.4	32.6	33.4	33.6	31.9	32.7	30.3	29.1	29.7	27.8	26.3	27.0
<b>26</b>	33.9	32.7	33.3	33.2	32.3	32.7	30.9	29.0	29.9	27.2	26.6	26.9
<b>27</b>	34.2	32.2	33.0	33.0	31.0	31.8	30.7	29.6	30.2	26.6	25.9	26.3
<b>28</b>	33.4	31.9	32.6	32.7	30.6	31.3	30.5	29.6	30.0	26.6	25.6	25.9
<b>29</b>	34.2	32.1	32.9	33.6	30.8	32.0	30.5	29.6	30.0	25.8	25.2	25.5
<b>30</b>	32.8	31.2	31.9	32.3	31.4	31.8	31.6	29.4	30.3	25.2	24.8	25.0
<b>31</b>	---	---	---	31.7	30.5	31.0	31.6	30.0	30.9	---	---	---
<b>Month</b>	---	---	---	34.1	29.2	31.4	33.9	29.0	30.7	31.2	24.8	27.5

**02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC—Continued****CLIMATOLOGICAL RECORDS**

COOPERATION.--Gage is operated in cooperation with the U.S. Army Corps of Engineers.

PERIOD OF RECORD.--October 1998 to current year.

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

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record.

**PRECIPITATION, TOTAL, INCHES**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY SUM VALUES**

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	0.00	0.66	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.14	0.00
<b>2</b>	0.00	0.00	2.47	0.01	---	0.10	0.00	0.00	0.15	0.00	0.00	0.00
<b>3</b>	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
<b>4</b>	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>5</b>	0.03	0.00	0.38	0.00	1.71	0.00	0.00	0.00	0.00	0.00	1.08	0.00
<b>6</b>	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.10	0.00	0.00	0.00
<b>7</b>	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00
<b>8</b>	0.00	0.00	0.46	0.05	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
<b>9</b>	0.00	0.00	0.66	0.00	0.38	0.00	0.32	0.00	0.00	0.00	0.00	0.00
<b>10</b>	0.00	0.79	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.57	0.00	0.00
<b>11</b>	0.04	2.38	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00
<b>12</b>	0.14	0.20	0.00	0.00	---	0.03	0.00	0.00	0.00	0.02	0.00	0.00
<b>13</b>	0.00	0.00	0.23	0.00	---	0.29	0.01	0.00	0.57	0.02	0.00	0.00
<b>14</b>	0.09	0.00	0.01	0.00	0.00	0.08	0.00	0.00	0.00	0.16	0.00	0.00
<b>15</b>	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>16</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.33	0.00	0.00	0.00
<b>17</b>	0.00	0.00	0.00	1.60	0.00	0.00	0.00	---	0.00	0.36	0.00	0.00
<b>18</b>	0.00	0.24	0.35	0.00	0.00	0.00	0.00	---	0.00	0.05	0.34	0.00
<b>19</b>	0.00	0.10	0.42	0.00	0.00	0.00	0.00	---	0.00	0.03	0.11	0.00
<b>20</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.48	0.05	0.00
<b>21</b>	0.00	0.00	0.00	0.64	0.00	0.00	0.19	---	0.00	0.01	0.00	0.00
<b>22</b>	0.00	0.14	0.00	0.00	0.24	0.02	0.00	---	0.00	0.00	0.00	0.00
<b>23</b>	0.00	0.35	0.00	0.01	0.00	0.00	0.00	---	0.00	0.02	0.04	0.00
<b>24</b>	0.03	0.00	0.00	0.04	0.11	0.00	0.04	---	0.00	0.00	0.20	0.00
<b>25</b>	0.00	0.00	0.68	0.90	0.00	0.00	0.11	---	0.00	0.00	0.04	0.00
<b>26</b>	0.01	0.04	0.00	0.00	0.00	0.08	0.01	---	0.02	0.00	0.00	1.76
<b>27</b>	0.07	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	1.16	0.00	0.95
<b>28</b>	0.07	0.00	0.00	0.00	0.00	0.05	0.00	---	0.08	0.00	0.00	0.05
<b>29</b>	0.00	0.00	0.00	---	---	1.20	0.00	---	0.01	0.50	0.00	1.95
<b>30</b>	0.00	0.08	0.05	---	---	0.00	0.00	---	0.08	0.00	0.00	1.67
<b>31</b>	0.04	---	0.18	---	---	0.00	---	---	---	0.03	0.00	---
<b>Total</b>	0.58	4.98	5.90	---	---	2.33	0.83	---	1.34	3.41	2.00	6.38

02087182 FALLS LAKE ABOVE DAM NEAR FALLS, NC—Continued

