

Water-Data Report 2006

07338905 MOUNTAIN FORK AT HIGHWAY 259A NEAR BROKEN BOW, OK

Red-Little Basin
Mountain Fork Subbasin

LOCATION.--Lat 34°08'15", long 94°41'16" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.9, T.5 S., R.25 E., McCurtain County, OK, Hydrologic Unit 11140108, on right upstream abutment of bridge on State Highway 259A, 1.0 mi below Broken Bow Dam, 8.0 mi northeast of Broken Bow, and at mile 17.5.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1996 to July 2006 (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: June 1996 to July 2006 (discontinued).

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 26.3°C Sept. 25, 2005; minimum, 0.3°C Jan. 27, 2000.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 24.4°C Oct. 4; minimum, 3.0°C Dec. 9.

07338905 MOUNTAIN FORK AT HIGHWAY 259A NEAR BROKEN BOW, OK—Continued

DEG. C VIA SATELLITE
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	22.6	20.7	21.7	16.4	14.8	15.6	10.0	7.8	8.7	11.7	7.8	9.7
2	23.3	21.5	22.3	16.2	14.4	15.3	9.6	7.5	8.5	11.6	9.3	10.1
3	23.8	22.2	23.0	16.2	14.5	15.4	13.4	9.3	11.1	11.2	8.2	9.4
4	24.4	22.7	23.5	16.5	14.9	15.7	12.1	9.5	10.9	10.9	8.0	9.2
5	24.2	22.9	23.5	17.5	15.9	16.7	9.6	7.0	8.4	9.6	7.2	8.1
6	23.1	21.2	22.4	18.0	16.6	17.3	8.7	5.6	6.8	9.0	6.5	7.4
7	21.6	20.5	20.9	18.0	17.2	17.6	7.7	6.0	6.7	8.7	5.5	6.7
8	21.4	20.0	20.7	18.4	17.3	17.8	6.6	4.2	5.4	9.3	5.6	7.3
9	21.6	19.4	20.4	19.4	18.1	18.7	5.5	3.0	4.1	10.1	7.1	8.6
10	21.0	19.7	20.3	19.1	17.3	18.4	6.3	3.1	4.4	9.5	7.4	8.7
11	21.4	19.6	20.4	17.9	16.7	17.2	7.3	4.0	5.3	9.7	6.6	7.7
12	22.4	20.8	21.4	17.2	16.8	17.0	8.5	5.5	6.7	10.1	6.6	8.3
13	22.7	20.9	21.8	18.7	16.8	17.5	9.2	6.1	7.6	9.4	7.2	8.2
14	23.0	21.1	21.9	18.8	17.7	18.2	10.5	8.3	9.2	9.3	6.1	7.4
15	22.9	20.9	21.8	19.0	16.7	18.3	8.8	6.5	7.6	8.8	7.1	7.8
16	22.7	20.7	21.6	16.7	12.9	14.9	8.0	5.8	6.7	9.0	7.2	8.1
17	23.0	20.9	21.8	12.9	10.6	11.7	7.7	5.8	6.6	8.4	6.0	7.2
18	23.0	21.0	21.9	12.0	9.5	10.5	8.2	6.0	6.8	8.8	5.3	6.7
19	23.4	21.4	22.3	12.2	9.2	10.6	8.0	6.0	6.8	10.2	6.1	8.0
20	23.0	21.6	22.3	12.9	10.6	11.4	6.9	6.3	6.6	11.9	9.3	10.4
21	21.9	19.9	20.8	12.8	9.9	10.9	7.7	5.5	6.7	10.9	8.0	9.1
22	20.4	18.9	19.7	12.8	10.0	10.9	7.7	5.2	6.2	9.2	8.2	8.6
23	19.4	16.4	18.1	13.3	10.0	11.4	8.7	5.3	6.7	10.4	7.6	8.6
24	16.9	15.1	16.0	13.9	10.8	12.2	9.2	7.2	8.1	10.5	6.9	8.3
25	15.9	14.5	15.3	13.0	11.0	12.1	9.2	7.0	7.8	10.1	6.6	8.1
26	15.9	14.0	14.8	13.9	12.1	12.9	9.5	6.3	7.6	9.5	7.1	8.1
27	16.1	14.5	15.2	15.7	13.3	14.3	10.5	6.9	8.4	10.1	6.7	8.4
28	16.3	14.7	15.5	13.5	10.0	12.0	10.3	8.0	8.8	10.1	9.2	9.7
29	16.4	14.7	15.4	10.8	8.5	9.6	10.1	7.2	8.3	11.6	8.5	9.8
30	16.3	14.9	15.6	9.8	7.5	8.5	10.3	7.7	8.7	11.0	8.5	9.6
31	16.2	15.5	16.0	---	---	---	10.0	7.1	8.2	10.5	7.2	8.6
Month	24.4	14.0	19.9	19.4	7.5	14.4	13.4	3.0	7.4	11.9	5.3	8.4

07338905 MOUNTAIN FORK AT HIGHWAY 259A NEAR BROKEN BOW, OK—Continued

DEG. C VIA SATELLITE
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	9.8	7.9	8.9	13.9	11.5	12.6	16.0	15.4	15.7	19.4	17.6	18.3
2	11.9	9.3	10.2	14.8	13.1	13.9	18.2	15.8	16.7	19.6	19.0	19.3
3	11.1	8.8	10.1	14.8	13.1	14.1	18.8	16.5	17.6	19.7	19.2	19.4
4	9.8	7.1	8.2	14.3	12.8	13.6	18.4	16.7	17.6	19.7	18.9	19.2
5	9.6	6.2	7.7	14.0	13.0	13.4	17.9	17.1	17.5	19.1	18.3	18.7
6	10.0	7.7	8.4	14.6	12.7	13.7	17.7	17.2	17.4	18.9	18.1	18.5
7	9.9	6.5	7.9	14.4	13.4	13.9	---	---	---	18.4	17.6	18.0
8	9.6	6.1	7.6	14.4	13.8	14.1	---	---	---	18.3	17.7	18.0
9	9.2	6.2	7.5	15.7	14.2	14.8	---	---	---	18.7	17.8	18.1
10	7.7	6.1	7.2	15.4	13.6	14.5	---	---	---	19.2	18.4	18.8
11	6.8	4.3	5.4	16.4	15.0	15.6	17.8	16.8	17.3	19.6	17.6	18.5
12	7.1	3.3	4.9	17.0	15.5	16.2	18.6	16.8	17.6	20.0	18.1	19.0
13	7.7	3.7	5.4	17.6	16.3	16.9	18.9	17.7	18.2	20.5	18.8	19.6
14	9.0	4.5	6.6	16.8	15.1	15.8	19.9	18.1	18.9	20.8	19.7	20.2
15	11.2	7.3	9.2	15.5	14.1	14.8	19.8	18.5	19.2	20.7	19.3	19.9
16	13.7	10.5	11.7	15.9	14.1	14.7	20.9	19.1	19.9	20.1	18.6	19.3
17	10.5	8.5	9.6	15.1	13.5	14.4	20.8	19.6	20.3	19.9	18.2	19.0
18	8.5	5.7	6.9	14.8	12.7	13.7	21.7	20.3	20.9	20.7	18.5	19.6
19	6.0	4.3	5.2	12.7	10.7	11.3	21.7	20.8	21.2	21.8	19.9	20.7
20	6.5	3.7	4.7	11.1	10.8	10.9	21.2	20.0	20.4	22.6	20.9	21.6
21	5.8	4.1	5.1	10.9	10.3	10.6	20.3	15.6	19.5	23.4	21.9	22.5
22	7.0	5.7	6.3	10.7	10.0	10.3	19.7	18.0	18.8	23.3	22.2	22.7
23	8.4	5.9	7.1	10.0	9.0	9.7	19.9	18.2	19.0	22.9	22.1	22.6
24	9.4	7.8	8.6	11.1	8.4	9.7	19.9	19.0	19.3	22.9	21.8	22.4
25	10.1	9.2	9.6	11.7	9.3	10.4	19.3	16.9	17.9	23.2	21.4	22.3
26	10.6	8.8	9.7	12.8	10.9	11.8	17.2	16.1	16.6	23.4	22.1	22.7
27	11.4	9.1	10.1	12.7	12.2	12.4	17.7	15.9	16.5	23.4	22.2	22.8
28	12.3	9.8	10.9	13.5	12.0	12.8	17.7	17.3	17.4	23.0	22.0	22.4
29	---	---	---	13.7	12.2	12.9	17.7	17.1	17.4	22.6	21.6	22.1
30	---	---	---	14.5	13.6	13.9	18.4	16.3	17.2	21.8	20.7	21.0
31	---	---	---	15.6	14.4	15.0	---	---	---	20.8	20.4	20.6
Month	13.7	3.3	7.9	17.6	8.4	13.3	---	---	---	23.4	17.6	20.3

07338905 MOUNTAIN FORK AT HIGHWAY 259A NEAR BROKEN BOW, OK—Continued

DEG. C VIA SATELLITE
 TEMPERATURE, WATER, DEGREES CELSIUS
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	20.8	19.7	20.1	22.7	21.5	22.2	---	---	---	---	---	---
2	20.9	19.0	19.8	23.3	21.9	22.6	---	---	---	---	---	---
3	22.1	20.0	20.9	23.2	22.3	22.8	---	---	---	---	---	---
4	22.5	20.9	21.7	23.0	22.3	22.7	---	---	---	---	---	---
5	22.3	21.0	21.6	---	---	---	---	---	---	---	---	---
6	21.7	20.2	21.0	---	---	---	---	---	---	---	---	---
7	20.4	19.0	19.7	---	---	---	---	---	---	---	---	---
8	22.1	20.4	20.9	---	---	---	---	---	---	---	---	---
9	22.6	21.3	21.8	---	---	---	---	---	---	---	---	---
10	23.4	21.8	22.6	---	---	---	---	---	---	---	---	---
11	23.4	22.1	22.8	---	---	---	---	---	---	---	---	---
12	23.3	22.2	22.7	---	---	---	---	---	---	---	---	---
13	23.5	22.2	22.8	---	---	---	---	---	---	---	---	---
14	23.2	22.0	22.6	---	---	---	---	---	---	---	---	---
15	23.2	22.1	22.7	---	---	---	---	---	---	---	---	---
16	23.3	22.3	22.8	---	---	---	---	---	---	---	---	---
17	23.0	21.4	22.1	---	---	---	---	---	---	---	---	---
18	21.4	20.6	21.0	---	---	---	---	---	---	---	---	---
19	21.9	20.3	20.9	---	---	---	---	---	---	---	---	---
20	22.9	21.5	22.1	---	---	---	---	---	---	---	---	---
21	23.4	22.2	22.8	---	---	---	---	---	---	---	---	---
22	23.9	22.5	23.2	---	---	---	---	---	---	---	---	---
23	23.6	22.1	22.8	---	---	---	---	---	---	---	---	---
24	22.2	21.2	21.7	---	---	---	---	---	---	---	---	---
25	22.9	21.1	21.8	---	---	---	---	---	---	---	---	---
26	23.1	21.5	22.3	---	---	---	---	---	---	---	---	---
27	22.9	21.3	22.1	---	---	---	---	---	---	---	---	---
28	22.9	21.2	22.1	---	---	---	---	---	---	---	---	---
29	22.7	21.1	21.9	---	---	---	---	---	---	---	---	---
30	22.8	21.5	22.2	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	23.9	19.0	21.9	---	---	---	---	---	---	---	---	---