

Water-Data Report 2011

03343820 KICKAPOO CREEK AT 1320E ROAD NEAR CHARLESTON, IL

Wabash Basin
Embarras Subbasin

LOCATION.--Lat 39°27'54", long 88°13'49" referenced to North American Datum of 1983, in NE ¼ SW ¼ SW ¼ sec.20, T.12 N., R.9 E., Coles County, IL, Hydrologic Unit 05120112, on 1320 E Road, 2.7 miles southeast of Charleston, 1.3 miles south of Route 16, 3.8 miles west of Embarras River, 1.6 miles upstream of Riley Creek, and at mile 6.8.

DRAINAGE AREA.--27.70 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

SURFACE-WATER DISCHARGE AND STAGE:

DISCHARGE: July 2010 to current year.

STAGE: July 2010 to current year.

GAGE.--Water-stage recorder and satellite telemeter. Datum of gage is 598.40 ft above NAVD of 1988.

REMARKS.--Discharge records good except for estimated daily discharges, which are poor. Diurnal fluctuations during low flows due to sewage-treatment plant 7 miles upstream. Average outflow from plant is about 10 ft³/s, which includes about 3 ft³/s diverted from Lake Paradise and Lake Mattoon into Little Wabash River watershed.

EXTREMES FOR PERIOD OF RECORD.--

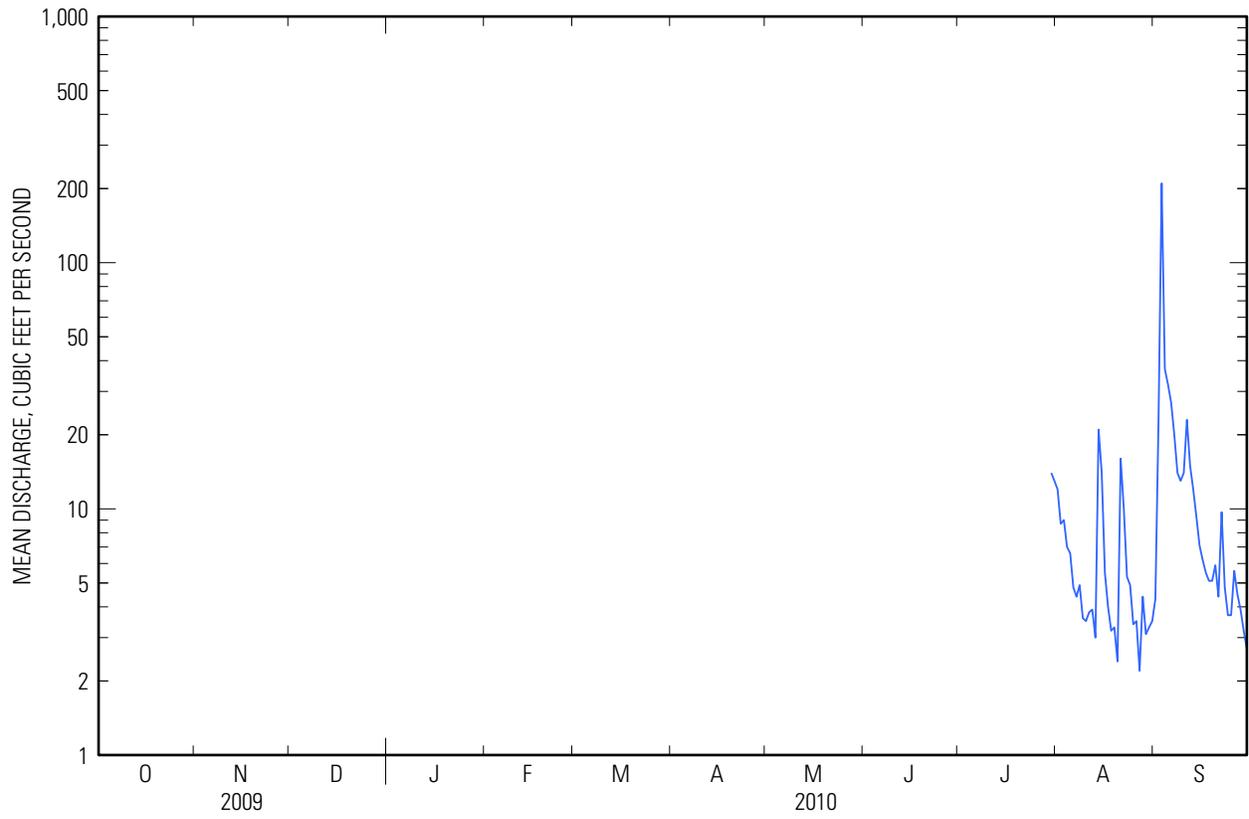
SURFACE WATER DISCHARGE AND STAGE: Maximum discharge, 2,420 ft³/s, Apr. 20, 2011, gage height, 13.20 ft; minimum 0.30 ft³/s, Aug. 27, 2010.

03343820 KICKAPOO CREEK AT 1320E ROAD NEAR CHARLESTON, IL—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12 | 4.3 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.7 | 23 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.0 | 210 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7.0 | 37 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6.6 | 32 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4.8 | 27 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4.4 | 20 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4.9 | 14 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.6 | 13 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.5 | 14 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.8 | 23 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.9 | 15 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.0 | 12 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21 | 9.3 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 14 | 7.1 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 5.5 | 6.2 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4.0 | 5.5 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.2 | 5.1 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.3 | 5.1 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2.4 | 5.9 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16 | 4.4 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10 | 9.7 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 5.3 | 4.8 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4.9 | 3.7 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.4 | 3.7 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.5 | 5.6 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2.2 | 4.5 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4.4 | 3.9 |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.1 | 3.2 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 14 | 3.3 | 2.7 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13 | 3.5 | --- |
| Total | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 188.2 | 534.7 |
| Mean | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6.07 | 17.8 |
| Max | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21 | 210 |
| Min | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2.2 | 2.7 |

03343820 KICKAPOO CREEK AT 1320E ROAD NEAR CHARLESTON, IL—Continued

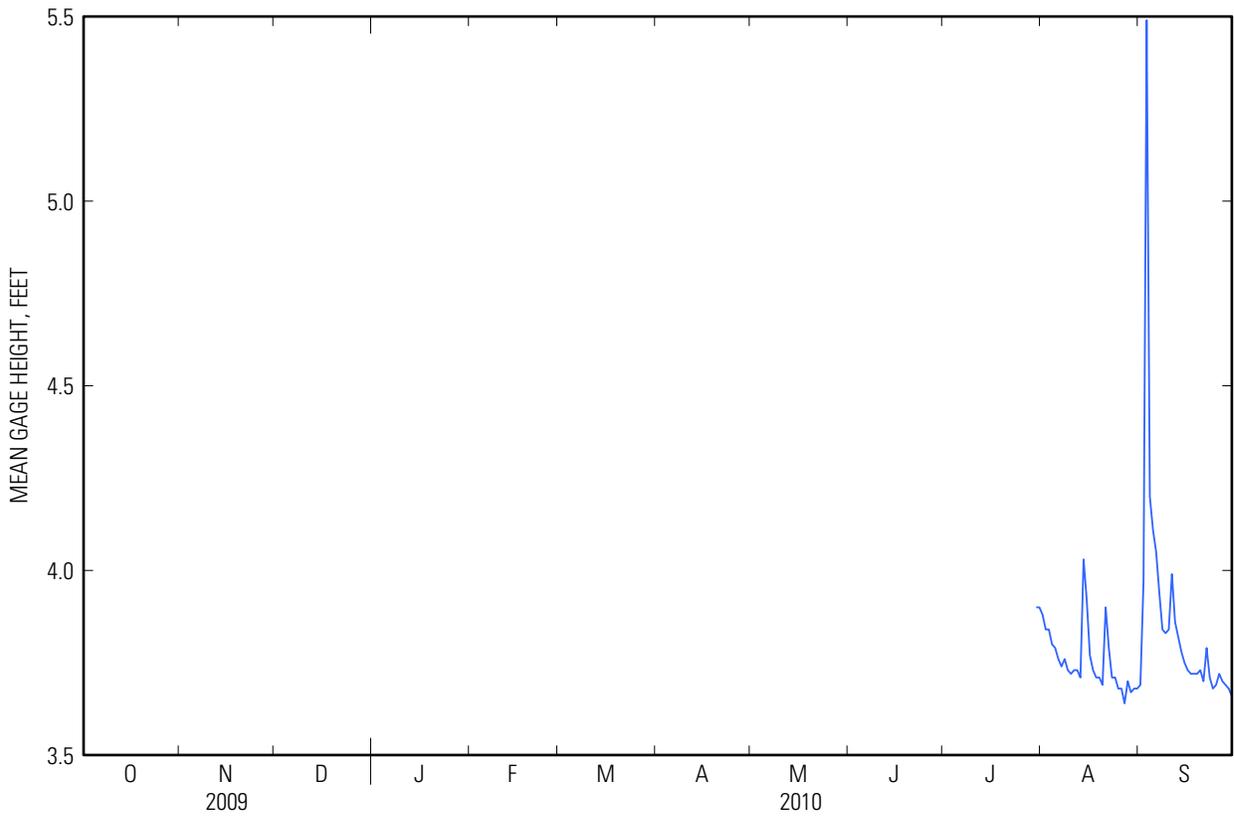


03343820 KICKAPOO CREEK AT 1320E ROAD NEAR CHARLESTON, IL—Continued

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 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.88 | 3.69 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.84 | 3.97 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.84 | 5.49 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.80 | 4.20 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.79 | 4.11 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.76 | 4.05 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.74 | 3.94 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.76 | 3.84 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.73 | 3.83 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.72 | 3.84 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.73 | 3.99 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.73 | 3.86 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.71 | 3.82 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4.03 | 3.78 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.92 | 3.75 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.77 | 3.73 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.73 | 3.72 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.71 | 3.72 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.71 | 3.72 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.69 | 3.73 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.90 | 3.70 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.79 | 3.79 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.71 | 3.71 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.71 | 3.68 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.68 | 3.69 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.68 | 3.72 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.64 | 3.70 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.70 | 3.69 |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.67 | 3.68 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.90 | 3.68 | 3.66 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.90 | 3.68 | --- |
| Mean | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.76 | 3.86 |
| Max | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4.03 | 5.49 |
| Min | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.64 | 3.66 |

03343820 KICKAPOO CREEK AT 1320E ROAD NEAR CHARLESTON, IL—Continued



03343820 KICKAPOO CREEK AT 1320E ROAD NEAR CHARLESTON, IL—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|--------------|-------|-------|------|-------|---------|-------|-------|-------|-------|-------|------|-------|
| 1 | 2.0 | 4.0 | 38 | 62 | e5.6 | 134 | 17 | 70 | 29 | 27 | 4.2 | 1.2 |
| 2 | 4.7 | 4.1 | 27 | 36 | e5.7 | 83 | 16 | 60 | 24 | 23 | 3.7 | 1.4 |
| 3 | 6.7 | 4.2 | 21 | 28 | e6.4 | 65 | 15 | 51 | 22 | 145 | 3.4 | 1.7 |
| 4 | 3.8 | 3.8 | 20 | 23 | e7.1 | 58 | 22 | 44 | 19 | 38 | 2.9 | 1.3 |
| 5 | 2.9 | 4.6 | 17 | 19 | e7.8 | 549 | 16 | 40 | 20 | 26 | 2.4 | 2.5 |
| 6 | 2.6 | 4.7 | e15 | 18 | e7.0 | 136 | 15 | 36 | 19 | 21 | 3.5 | 1.6 |
| 7 | 2.8 | 4.1 | e13 | 16 | e6.3 | 82 | 15 | 32 | 17 | 18 | 3.4 | 2.1 |
| 8 | 2.8 | 4.0 | e11 | e15 | e5.3 | 59 | 15 | 26 | 15 | 17 | 2.7 | 2.5 |
| 9 | 3.1 | 5.0 | e10 | e13 | e4.9 | 116 | 111 | 23 | 15 | 15 | 3.4 | 4.4 |
| 10 | 3.1 | 4.3 | 13 | e12 | e4.8 | 68 | 57 | 20 | 14 | 13 | 2.3 | 4.8 |
| 11 | 2.4 | 4.5 | 36 | e11 | e5.1 | 54 | 83 | 17 | 23 | 12 | 1.6 | 2.7 |
| 12 | 2.4 | 4.2 | 58 | e9.5 | e5.5 | 46 | 54 | 19 | 17 | 11 | 2.0 | 2.6 |
| 13 | 2.4 | 4.3 | 38 | e8.0 | e8.0 | 40 | 42 | 18 | 15 | 9.0 | 2.4 | 1.5 |
| 14 | 2.6 | 6.1 | 48 | e10 | e30 | 37 | 39 | 22 | 16 | 7.9 | 6.4 | 3.2 |
| 15 | 4.3 | 4.6 | e40 | e9.4 | 88 | 85 | 38 | 22 | 40 | 7.0 | 2.3 | 10 |
| 16 | 3.9 | 4.7 | e30 | e8.6 | 114 | 55 | 45 | 20 | 38 | 6.5 | 2.5 | 5.1 |
| 17 | 3.1 | 4.6 | e23 | e8.1 | 123 | 45 | 35 | 17 | 22 | 6.0 | 1.9 | 2.8 |
| 18 | 2.9 | 4.9 | e18 | e9.0 | 72 | 40 | 31 | 16 | 35 | 5.0 | 2.4 | 3.0 |
| 19 | 3.5 | 5.0 | e15 | e8.1 | 49 | 36 | 574 | 15 | 94 | 4.9 | 1.5 | 14 |
| 20 | 2.8 | 4.7 | e13 | e7.8 | 46 | 36 | 775 | 14 | 48 | 4.6 | 1.5 | 7.7 |
| 21 | 2.6 | 4.3 | e12 | e7.9 | 255 | 33 | 166 | 14 | 35 | 4.4 | 2.5 | 4.3 |
| 22 | 5.6 | 6.5 | e11 | e8.3 | 118 | 30 | 175 | 13 | 32 | 4.1 | 1.8 | 3.8 |
| 23 | 2.5 | 23 | e10 | e8.5 | 65 | 28 | 159 | 13 | 27 | 4.2 | 2.2 | 4.5 |
| 24 | 3.0 | 19 | e11 | e8.3 | 75 | 24 | 217 | 12 | 26 | 4.2 | 1.9 | 3.6 |
| 25 | 3.0 | 104 | e11 | e8.0 | 210 | 22 | 302 | 249 | 20 | 7.3 | 2.1 | 3.5 |
| 26 | 9.9 | 63 | e10 | e7.6 | 134 | 21 | 833 | 314 | 21 | 4.4 | 2.3 | 7.8 |
| 27 | 7.2 | 39 | e10 | e7.3 | 146 | 20 | 683 | 108 | 229 | 4.0 | 2.0 | 4.9 |
| 28 | 5.0 | 33 | e10 | e7.0 | 921 | 19 | 623 | 73 | 58 | 3.6 | 1.2 | 4.5 |
| 29 | 3.9 | 30 | 17 | e6.5 | --- | 18 | 155 | 57 | 38 | 4.5 | 1.2 | 4.8 |
| 30 | 3.9 | 58 | 27 | e6.2 | --- | 18 | 100 | 39 | 35 | 9.8 | 1.6 | 3.3 |
| 31 | 4.4 | --- | 43 | e5.9 | --- | 17 | --- | 35 | --- | 4.8 | 1.4 | --- |
| Total | 115.8 | 470.2 | 676 | 413.0 | 2,525.5 | 2,074 | 5,428 | 1,509 | 1,063 | 472.2 | 76.6 | 121.1 |
| Mean | 3.74 | 15.7 | 21.8 | 13.3 | 90.2 | 66.9 | 181 | 48.7 | 35.4 | 15.2 | 2.47 | 4.04 |
| Max | 9.9 | 104 | 58 | 62 | 921 | 549 | 833 | 314 | 229 | 145 | 6.4 | 14 |
| Min | 2.0 | 3.8 | 10 | 5.9 | 4.8 | 17 | 15 | 12 | 14 | 3.6 | 1.2 | 1.2 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2010 - 2011, BY WATER YEAR (WY)

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Mean | 3.74 | 15.7 | 21.8 | 13.3 | 90.2 | 66.9 | 181 | 48.7 | 35.4 | 15.2 | 4.27 | 10.9 |
| Max | 3.74 | 15.7 | 21.8 | 13.3 | 90.2 | 66.9 | 181 | 48.7 | 35.4 | 15.2 | 6.07 | 17.8 |
| (WY) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) | (2010) | (2010) |
| Min | 3.74 | 15.7 | 21.8 | 13.3 | 90.2 | 66.9 | 181 | 48.7 | 35.4 | 15.2 | 2.47 | 4.04 |
| (WY) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) | (2011) |

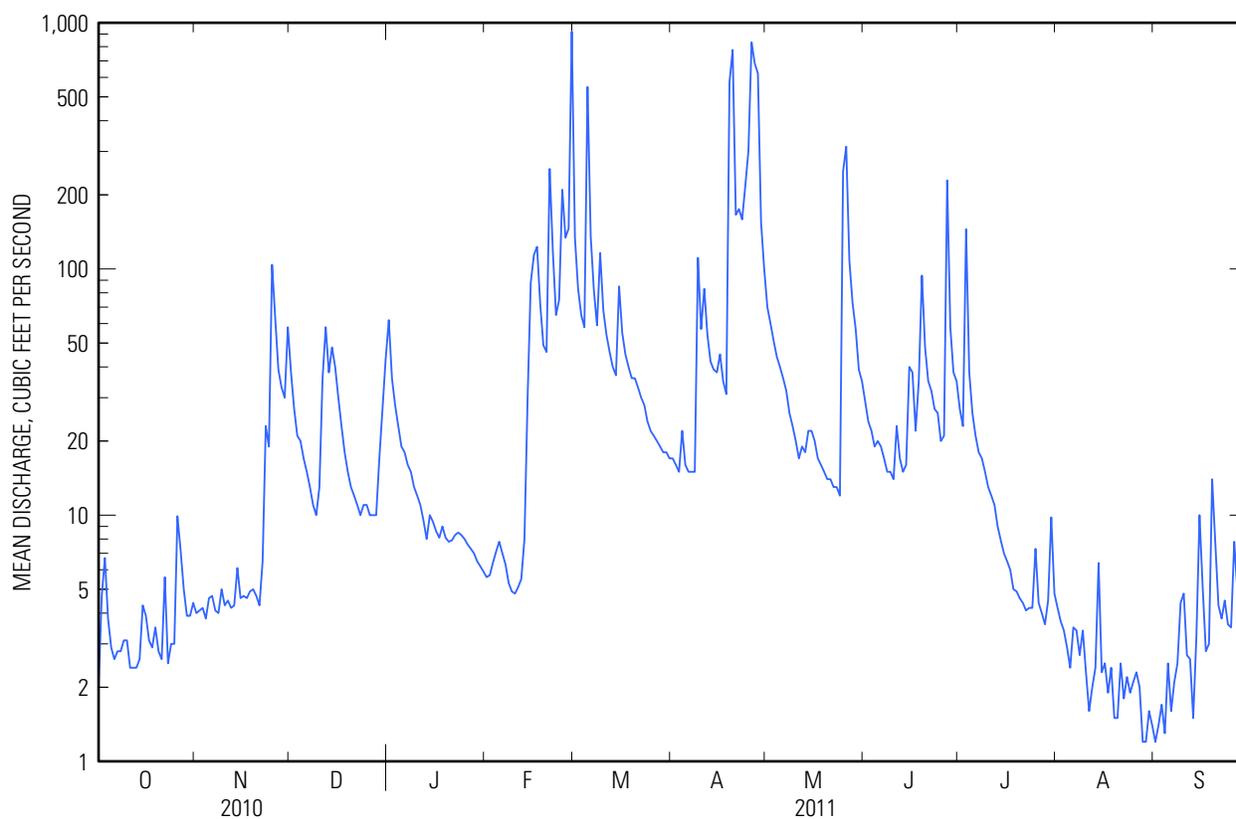
03343820 KICKAPOO CREEK AT 1320E ROAD NEAR CHARLESTON, IL—Continued

SUMMARY STATISTICS

| | Water Year 2011 | | Water Years 2010 - 2011 | |
|---------------------------------|-----------------|--------|-------------------------|--------------|
| Annual total | 14,944.4 | | | |
| Annual mean | 40.9 | | | |
| Highest daily mean | 921 | Feb 28 | 921 | Feb 28, 2011 |
| Lowest daily mean | 1.2 | A | 1.2 | B |
| Annual seven-day minimum | 1.4 | Aug 28 | 1.4 | Aug 28, 2011 |
| Maximum peak flow | 2,420 | Apr 20 | 2,420 | Apr 20, 2011 |
| Maximum peak stage | 13.20 | Apr 20 | 13.20 | Apr 20, 2011 |
| Instantaneous low flow | 0.38 | Aug 29 | 0.30 | Aug 27, 2010 |
| 10 percent exceeds | 82 | | 82 | |
| 50 percent exceeds | 13 | | 13 | |
| 90 percent exceeds | 2.6 | | 2.6 | |

A Aug. 28-29 and Sept. 1.

B Aug. 28-29 and Sept. 1, 2011.



03343820 KICKAPOO CREEK AT 1320E ROAD NEAR CHARLESTON, IL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 3.64 | 3.69 | 4.21 | 4.52 | --- | 5.19 | 3.88 | 4.62 | 4.07 | 4.04 | 3.67 | 3.59 |
| 2 | 3.70 | 3.69 | 4.05 | 4.18 | --- | 4.75 | 3.86 | 4.51 | 4.00 | 3.99 | 3.66 | 3.60 |
| 3 | 3.74 | 3.70 | 3.97 | 4.06 | --- | 4.56 | 3.84 | 4.39 | 3.97 | 5.18 | 3.65 | 3.61 |
| 4 | 3.69 | 3.69 | 3.94 | 3.99 | --- | 4.47 | 3.97 | 4.30 | 3.93 | 4.22 | 3.64 | 3.60 |
| 5 | 3.67 | 3.71 | 3.90 | 3.94 | --- | 7.32 | 3.87 | 4.24 | 3.94 | 4.03 | 3.63 | 3.63 |
| 6 | 3.66 | 3.71 | --- | 3.91 | --- | 5.21 | 3.85 | 4.18 | 3.91 | 3.95 | 3.65 | 3.60 |
| 7 | 3.67 | 3.69 | --- | 3.89 | --- | 4.74 | 3.85 | 4.12 | 3.88 | 3.91 | 3.65 | 3.62 |
| 8 | 3.67 | 3.69 | --- | --- | --- | 4.49 | 3.85 | 4.03 | 3.85 | 3.89 | 3.64 | 3.63 |
| 9 | 3.67 | 3.71 | --- | --- | --- | 5.05 | 4.83 | 3.99 | 3.83 | 3.84 | 3.65 | 3.68 |
| 10 | 3.67 | 3.70 | 3.82 | --- | --- | 4.60 | 4.47 | 3.94 | 3.82 | 3.81 | 3.62 | 3.69 |
| 11 | 3.66 | 3.70 | 4.13 | --- | --- | 4.43 | 4.74 | 3.89 | 3.97 | 3.79 | 3.61 | 3.63 |
| 12 | 3.66 | 3.70 | 4.48 | --- | --- | 4.33 | 4.43 | 3.92 | 3.88 | 3.77 | 3.62 | 3.63 |
| 13 | 3.66 | 3.70 | 4.21 | --- | --- | 4.24 | 4.27 | 3.90 | 3.85 | 3.75 | 3.63 | 3.61 |
| 14 | 3.66 | 3.73 | 4.36 | --- | 4.73 | 4.20 | 4.23 | 3.97 | 3.86 | 3.74 | 3.70 | 3.64 |
| 15 | 3.70 | 3.71 | --- | --- | 4.79 | 4.77 | 4.21 | 3.98 | 4.20 | 3.72 | 3.62 | 3.81 |
| 16 | 3.69 | 3.71 | --- | --- | 5.00 | 4.44 | 4.32 | 3.93 | 4.21 | 3.71 | 3.63 | 3.70 |
| 17 | 3.67 | 3.71 | --- | --- | 5.11 | 4.32 | 4.16 | 3.87 | 3.97 | 3.70 | 3.62 | 3.64 |
| 18 | 3.67 | 3.71 | --- | 3.86 | 4.64 | 4.25 | 4.11 | 3.86 | 4.16 | 3.68 | 3.63 | 3.64 |
| 19 | 3.68 | 3.72 | --- | 3.81 | 4.37 | 4.19 | 7.03 | 3.84 | 4.79 | 3.68 | 3.60 | 3.88 |
| 20 | 3.67 | 3.71 | --- | 3.80 | 4.33 | 4.19 | 7.96 | 3.82 | 4.36 | 3.67 | 3.60 | 3.76 |
| 21 | 3.66 | 3.70 | 3.83 | --- | 5.74 | 4.13 | 5.44 | 3.81 | 4.17 | 3.67 | 3.63 | 3.67 |
| 22 | 3.72 | 3.73 | 3.83 | --- | 5.05 | 4.09 | 5.45 | 3.81 | 4.12 | 3.66 | 3.61 | 3.66 |
| 23 | 3.66 | 3.98 | 3.80 | --- | 4.56 | 4.06 | 5.39 | 3.80 | 4.04 | 3.67 | 3.62 | 3.68 |
| 24 | 3.67 | 3.92 | 3.81 | --- | 4.65 | 4.00 | 5.75 | 3.79 | 4.03 | 3.67 | 3.62 | 3.65 |
| 25 | 3.67 | 4.94 | 3.82 | --- | 5.67 | 3.98 | 5.86 | 5.04 | 3.94 | 3.72 | 3.62 | 3.65 |
| 26 | 3.78 | 4.53 | 3.80 | --- | 5.19 | 3.96 | 8.19 | 6.24 | 3.95 | 3.67 | 3.62 | 3.76 |
| 27 | 3.75 | 4.23 | 3.80 | --- | 5.15 | 3.93 | 7.56 | 4.98 | 5.60 | 3.66 | 3.62 | 3.70 |
| 28 | 3.71 | 4.13 | 3.87 | --- | 8.50 | 3.92 | 7.49 | 4.65 | 4.48 | 3.65 | 3.59 | 3.68 |
| 29 | 3.69 | 4.08 | 3.89 | --- | --- | 3.90 | 5.35 | 4.47 | 4.22 | 3.67 | 3.59 | 3.69 |
| 30 | 3.69 | 4.48 | 4.04 | --- | --- | 3.89 | 4.91 | 4.23 | 4.16 | 3.77 | 3.61 | 3.65 |
| 31 | 3.70 | --- | 4.27 | --- | --- | 3.89 | --- | 4.17 | --- | 3.68 | 3.60 | --- |
| Mean | 3.68 | 3.86 | --- | --- | --- | 4.44 | 5.04 | 4.20 | 4.11 | 3.82 | 3.63 | 3.67 |
| Max | 3.78 | 4.94 | --- | --- | --- | 7.32 | 8.19 | 6.24 | 5.60 | 5.18 | 3.70 | 3.88 |
| Min | 3.64 | 3.69 | --- | --- | --- | 3.89 | 3.84 | 3.79 | 3.82 | 3.65 | 3.59 | 3.59 |

03343820 KICKAPOO CREEK AT 1320E ROAD NEAR CHARLESTON, IL—Continued

