



Water-Data Report 2007

07040060 ST. FRANCIS RIVER NEAR GLENNONVILLE, MO

St. Francis Basin
Lower St. Francis Subbasin

LOCATION.--Lat 36°34'22", long 90°11'06" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.10, T.22 N., R.8 E., Dunklin County, MO, Hydrologic Unit 08020203, at bridge on Missouri State Hwy 53, 1.7 mi southwest of Glennonville, Missouri.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct 1977 to current year.

REMARKS.--As the number of streams on which streamflow information is likely to be desired far exceeds the number of continuous-record stream-gaging stations feasible to operate at one time, the USGS collects limited streamflow data at sites other than the continuous-record stream-gaging stations. When discharge measurements are made at sites not included in the continuous-record or partial-record program, these measurements, generally made in times of drought or flood to give better areal coverage to those events, and others collected for some special reason are called measurements at miscellaneous sites. Discharge measurements in the following table were made at this special study or miscellaneous site during the 2007 water year.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

[e, estimated]

| Date | Discharge, in ft³/s | Gage height, in ft |
|--------------|---|-------------------------------|
| Nov 15, 2006 | 1,710 | 4.20 |
| Dec 6, 2006 | 4,180 | 7.58 |
| Jan 9, 2007 | 3,350 | 6.53 |
| Mar 13, 2007 | 1,510 | 3.37 |
| Apr 17, 2007 | 2,720 | 5.89 |
| May 8, 2007 | e3,600 | 6.56 |
| Jun 13, 2007 | 1,380 | 3.39 |

07040060 ST. FRANCIS RIVER NEAR GLENNONVILLE, MO—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Oct 1977 to current year.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 2

[Remark codes: E, estimated.]

| Date | Time | Agency ana- lyzing sample, code (00028) | Instan- taneous dis- charge, cfs (00061) | Trans- parency Secchi disc, meters (00078) | Temper- ature, water, deg C (00010) | Suspnd. | Suspnd. | Suspnd. | Suspnd. | Sus- pended | Sus- pended | Bed | Bed |
|----------------------------|------|--|---|---|---|---|---|--|--|---|--|---|---|
| | | | | | | sediment, faldia dst wat percent <.063mm (70342) | sediment, faldia dst wat percent <.125mm (70343) | sediment, faldia dst wat percent <.25mm (70344) | sediment, faldia dst wat percent <.5 mm (70345) | ment sediment concentra- tion mg/L (80154) | ment sediment dis- charge, tons/d (80155) | sediment, faldia dst wat percent <.063mm (80158) | sediment, faldia dst wat percent <.125mm (80159) |
| Nov 15... | 0710 | 82913 | 1,710 | .21 | 11.3 | 97 | 97 | 100 | -- | 74 | 342 | 12 | 41 |
| Dec 06... | 0825 | 82913 | 4,180 | .12 | 6.4 | 82 | 85 | 100 | -- | 185 | 2,090 | 1 | 4 |
| Jan 09... | 0810 | 82913 | 3,350 | .09 | 7.5 | 86 | 91 | 100 | -- | 86 | 778 | 6 | 34 |
| Feb 13... | 0725 | 82913 | -- | .09 | 3.8 | 97 | 98 | 100 | -- | 1,660 | -- | 5 | 7 |
| Mar 13... | 0725 | 82913 | 1,510 | .15 | 13.1 | 99 | 100 | -- | -- | 64 | 261 | 7 | 37 |
| Apr 17... | 0640 | -- | 2,720 | .15 | 12.2 | 86 | 92 | 100 | -- | 147 | 1,080 | 7 | 33 |
| May 08... | 1000 | -- | E3,600 | .12 | 21.1 | 93 | 95 | 98 | 100 | 135 | -- | 1 | 2 |
| Jun 13... | 0820 | -- | 1,380 | .18 | 25.2 | 100 | -- | -- | -- | 86 | 320 | 5 | 15 |

07040060 ST. FRANCIS RIVER NEAR GLENNONVILLE, MO—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO
SEPTEMBER 2007

Part 2 of 2

[Remark codes: E, estimated.]

| Date | Bed sedi- ment, faldia dst wat percent <.25mm (80160) | Bed sedi- ment, faldia dst wat percent <.5 mm (80161) | Bed sedi- ment, faldia dst wat percent <1 mm (80162) |
|------------|--|--|---|
| Nov | | | |
| 15... | 98 | 100 | -- |
| Dec | | | |
| 06... | 53 | 99 | 100 |
| Jan | | | |
| 09... | 99 | 100 | -- |
| Feb | | | |
| 13... | 79 | 100 | -- |
| Mar | | | |
| 13... | 99 | 100 | -- |
| Apr | | | |
| 17... | 97 | 100 | -- |
| May | | | |
| 08... | 86 | 100 | -- |
| Jun | | | |
| 13... | 80 | 100 | -- |