

2012 Daily Values

KASKASKIA RIVER AT SHELBYVILLE (OUTFLOW), IL (KASQ/KSRLF)

Location: LAT. 39-24-25, LONG. 88-46-50, ON LEFT BANK 700 FEET DOWNSTREAM OF THE AXIS OF THE DAM AT MILE 197.5 ABOVE THE MOUTH OF THE KASKASKIA. NOTE: NEW RIVER MILEAGE DETERMINED AFTER 1962-1986 CHANNEL IMPROVEMENTS.

Gage: STAFF GAGE FLOAT WELL AND G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. DISCHARGES ARE COMPUTED BY THE U.S. GEOLOGICAL SURVEY IN COOPERATION WITH ST. LOUIS DISTRICT, CORPS OF ENGINEERS.

General Information: DRAINAGE AREA, 1,054 SQUARE MILES.

Records Available: DISCHARGE, JUNE 12, 1969 TO DATE, IN FILES OF CORPS OF ENGINEERS. DISCHARGES, FEB. 1908 TO SEP. 1912, NOV. TO DEC. 1912, AUG. TO DEC. 1914, OCT. 1940 TO PRESENT IN RECORDS OF THE U.S. GEOLOGICAL SURVEY. NOTE: FLOW REGULATED SINCE JUNE 24, 1969 BY SHELBYVILLE RESERVOIR.

Mean Flow: PERIOD OF RECORD, 892 CFS . 01 JAN 1983 TO DATE, 892 CFS .

Extreme Flow: PERIOD OF RECORD, DAILY HIGH OF 5020 CFS ON 02 FEB 2005 & PERIOD OF RECORD, DAILY LOW OF 10 CFS OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 26 NOV 2006 .

MEAN DAILY FLOWS IN DSF:

| Day | Month | | | | | | | | | | | |
|-----|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1 | 1480 | 1810 | 270 | 160 | 30 | 30 | 30 | 20 | 40 | 10 | | |
| 2 | 1470 | 1730 | 280 | 160 | 30 | 30 | 30 | 20 | 40 | 10 | | |
| 3 | 1460 | 1370 | 280 | 160 | 290 | 30 | 30 | 20 | 40 | 10 | | |
| 4 | 1450 | 780 | 280 | 160 | 470 | 30 | 30 | 20 | 30 | 20 | | |
| 5 | 1320 | 680 | 360 | 160 | 470 | 30 | 30 | 20 | 30 | 20 | | |
| 6 | 1010 | 680 | 390 | 160 | 470 | 30 | 30 | 20 | 30 | 20 | | |
| 7 | 690 | 680 | 390 | 160 | 470 | 30 | 30 | 20 | 20 | 20 | | |
| 8 | 580 | 680 | 390 | 160 | 470 | 30 | 30 | 20 | 20 | 20 | | |
| 9 | 430 | 680 | 390 | 90 | 370 | 30 | 30 | 20 | 20 | 20 | | |
| 10 | 200 | 680 | 390 | 50 | 270 | 30 | 20 | 20 | 20 | 20 | | |
| 11 | 100 | 680 | 400 | 50 | 190 | 30 | 20 | 20 | 20 | 20 | | |
| 12 | 100 | 550 | 330 | 40 | 120 | 30 | 20 | 20 | 20 | 20 | | |
| 13 | 100 | 450 | 280 | 40 | 120 | 30 | 20 | 20 | 20 | 20 | | |
| 14 | 100 | 450 | 290 | 40 | 120 | 30 | 20 | 20 | 20 | 20 | | |
| 15 | 100 | 450 | 290 | 40 | 90 | 30 | 20 | 20 | 20 | 20 | | |
| 16 | 100 | 450 | 290 | 40 | 60 | 30 | 20 | 20 | 20 | 20 | | |
| 17 | 100 | 450 | 290 | 40 | 60 | 30 | 20 | 20 | 20 | 20 | | |
| 18 | 170 | 450 | 300 | 40 | 50 | 30 | 20 | 20 | 20 | 20 | | |
| 19 | 210 | 450 | 300 | 40 | 40 | 20 | 20 | 20 | 20 | | | |
| 20 | 270 | 450 | 300 | 40 | 40 | 20 | 20 | 20 | 20 | | | |
| 21 | 300 | 420 | 300 | 40 | 40 | 20 | 20 | 20 | 20 | | | |
| 22 | 310 | 390 | 310 | 30 | 40 | 20 | 20 | 20 | 20 | | | |
| 23 | 430 | 390 | 320 | 30 | 40 | 30 | 20 | 20 | 20 | | | |
| 24 | 690 | 350 | 320 | 30 | 40 | 30 | 20 | 20 | 20 | | | |
| 25 | 1020 | 270 | 320 | 30 | 40 | 30 | 20 | 20 | 20 | | | |
| 26 | 1350 | 270 | 320 | 30 | 40 | 30 | 20 | 30 | 20 | | | |
| 27 | 1590 | 270 | 220 | 30 | 40 | 30 | 20 | 30 | 20 | | | |
| 28 | 1870 | 270 | 150 | 30 | 40 | 30 | 20 | 30 | 20 | | | |
| 29 | 2020 | 270 | 150 | 30 | 30 | 30 | 20 | 30 | 10 | | | |
| 30 | 2020 | --- | 150 | 30 | 30 | 30 | 20 | 30 | 10 | | | |
| 31 | 1910 | --- | 150 | --- | 30 | --- | 20 | 40 | --- | | --- | |

The following statistics are based on observations occurring in 2012 only.

| | | | | | | | | | | | | |
|------|------|------|-----|-----|-----|----|----|----|----|----|---|---|
| Mean | 805 | 603 | 297 | 71 | 150 | 29 | 23 | 22 | 22 | 18 | | |
| Max | 2020 | 1810 | 400 | 160 | 470 | 30 | 30 | 40 | 40 | 20 | | |
| Min | 100 | 270 | 150 | 30 | 30 | 20 | 20 | 20 | 10 | 10 | | |
| Day | 31 | 29 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 18 | 0 | 0 |

The Mean FLOW for the Year was: 211
 The Highest FLOW for the Year was: 2020 which occurred on: 01-30-2012 01-29-2012
 The Lowest FLOW for the Year was: 10 which occurred on: 10-03-2012 10-02-2012 10-01-2012 09-30-2012 09-29-2012 The Total Number of Days for the Year was: 292

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.