

Monthly Mean Streamflow

Lat = 40 17 54

Swatara Creek near Hershey, PA

Lon = 76 40 05

Flood Stage = 7 ft

Period of Record 1975 - 2007

Floods = 35

| YEAR | No Incomplete Data is used for Statistical Calculation - Discharge, cubic feet per second | | | | | | | | | | | | Avg |
|-------------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
| 1975 | missing | missing | missing | missing | missing | missing | missing | missing | missing | 1,092 | 1,221 | 613 | missing |
| 1976 | 1,719 | 1,228 | 759 | 904 | 457 | 576 | 709 | 665 | 398 | 2,632 | 794 | 555 | 950 |
| 1977 | 193 | 577 | 2,543 | 1,466 | 458 | 244 | 316 | 156 | 193 | 1,017 | 1,090 | 2,592 | 904 |
| 1978 | 2,077 | 482 | 2,460 | 968 | 1,791 | 384 | 316 | 1,036 | 343 | 338 | 272 | 1,089 | 963 |
| 1979 | 3,370 | 1,633 | 1,828 | 1,190 | 994 | 490 | 268 | 219 | 1,168 | 1,382 | 901 | 727 | 1,181 |
| 1980 | 306 | 226 | 1,305 | 1,505 | 913 | 373 | 179 | 114 | 73 | 85 | 184 | 111 | 448 |
| 1981 | 80 | 1,533 | 466 | 678 | 499 | 335 | 458 | 123 | 106 | 153 | 152 | 207 | 399 |
| 1982 | 529 | 1,046 | 891 | 1,364 | 636 | 1,959 | 338 | 411 | 207 | 191 | 330 | 602 | 709 |
| 1983 | 322 | 803 | 1,283 | 3,166 | 1,245 | 801 | 187 | 169 | 123 | 248 | 1,212 | 2,606 | 1,014 |
| 1984 | 642 | 1,555 | 1,210 | 1,930 | 1,598 | 1,109 | 1,360 | 433 | 209 | 129 | 331 | 730 | 936 |
| 1985 | 302 | 802 | 459 | 482 | 497 | 308 | 175 | 178 | 199 | 233 | 846 | 871 | 446 |
| 1986 | 566 | 1,653 | 1,607 | 1,238 | 545 | 208 | 238 | 434 | 184 | 212 | 936 | 1,510 | 778 |
| 1987 | 806 | 549 | 1,111 | 1,203 | 598 | 258 | 143 | 106 | 1,320 | 342 | 737 | 857 | 669 |
| 1988 | 596 | 1,428 | 742 | 425 | 1,345 | 297 | 408 | 236 | 317 | 167 | 578 | 242 | 565 |
| 1989 | 568 | 495 | 831 | 493 | 2,708 | 1,217 | 1,535 | 402 | 283 | 879 | 729 | 259 | 867 |
| 1990 | 1,138 | 1,298 | 680 | 944 | 1,207 | 537 | 280 | 321 | 189 | 1,054 | 769 | 1,754 | 848 |
| 1991 | 1,266 | 698 | 1,167 | 661 | 519 | 166 | 144 | 263 | 89 | 216 | 382 | 623 | 516 |
| 1992 | 350 | 442 | 1,510 | 1,129 | 628 | 893 | 349 | 202 | 449 | 430 | 1,427 | 968 | 731 |
| 1993 | 959 | 407 | 2,595 | 3,207 | 873 | 273 | 258 | 152 | 293 | 277 | 1,192 | 1,717 | 1,017 |
| 1994 | 556 | 994 | 3,847 | 1,799 | 692 | 568 | 444 | 609 | 460 | 286 | 907 | 1,186 | 1,029 |
| 1995 | 1,637 | 521 | 856 | 420 | 329 | 548 | 606 | 138 | 95 | 610 | 1,306 | 354 | 618 |
| 1996 | 2,639 | 1,707 | 1,538 | 1,555 | 915 | 830 | 896 | 424 | 352 | 1,385 | 1,335 | 2,693 | 1,356 |
| 1997 | 893 | 1,240 | 1,181 | 645 | 413 | 597 | 317 | 189 | 162 | 113 | 300 | 382 | 536 |
| 1998 | 1,708 | 1,963 | 1,949 | 1,378 | 1,645 | 966 | 411 | 242 | 170 | 274 | 159 | 120 | 915 |
| 1999 | 1,429 | 796 | 1,016 | 721 | 295 | 158 | 79 | 89 | 685 | 681 | 341 | 691 | 582 |
| 2000 | 441 | 870 | 2,053 | 1,108 | 710 | 984 | 428 | 390 | 360 | 235 | 214 | 1,025 | 735 |
| 2001 | 425 | 828 | 999 | 1,144 | 381 | 350 | 220 | 97 | 123 | 87 | 109 | 196 | 413 |
| 2002 | 246 | 220 | 698 | 754 | 922 | 322 | 126 | 82 | 147 | 603 | 939 | 1,393 | 538 |
| 2003 | 1,169 | 704 | 2,388 | 1,391 | 856 | 2,641 | 725 | 1,346 | 1,001 | 1,278 | 1,417 | 2,099 | 1,418 |
| 2004 | 791 | 954 | 856 | 1,426 | 844 | 803 | 1,017 | 1,155 | 2,592 | 885 | 1,074 | 1,853 | 1,187 |
| 2005 | 1,812 | 846 | 1,485 | 1,866 | 389 | 269 | 677 | 186 | 115 | 907 | 493 | 1,048 | 841 |
| 2006 | 1,753 | 1,568 | 430 | 633 | 568 | 2,702 | 1,293 | 317 | 563 | missing | missing | missing | missing |
| 2007 | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing |
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg |
| Mean | 1,010 | 970 | 1,380 | 1,220 | 854 | 715 | 481 | 351 | 418 | 594 | 731 | 1,020 | 812 |
| Max | 3,370 | 1,963 | 3,847 | 3,207 | 2,708 | 2,641 | 1,535 | 1,346 | 2,592 | 2,632 | 1,427 | 2,693 | |
| Min | 80 | 220 | 459 | 420 | 295 | 158 | 79 | 82 | 73 | 85 | 109 | 111 | |

Drainage Area = 483 sq mi
Gage Datum = 325.94 ft MSL

Swatara Creek Basin
Dauphin County