

Analysis of Daily Mean Values by the Day

Lat = 40 23 32

Juniata River at Mapleton Depot, PA

Lon = 77 56 07

Flood Stage = 20 ft

Period of Record 1937 - 2006

Floods = 6

| Day of month | Analysis of Daily Mean Values by the day for 67 years of record ¹ , in ft ³ /s | | | | | | | | | | | | Avg |
|--------------|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
| 1 | 2,854 | 2,567 | 4,700 | 6,208 | 3,588 | 2,499 | 1,486 | 1,034 | 778 | 983 | 1,241 | 2,249 | 2,516 |
| 2 | 3,120 | 2,556 | 4,696 | 6,193 | 3,323 | 2,429 | 1,492 | 1,033 | 721 | 997 | 1,350 | 2,377 | 2,524 |
| 3 | 2,923 | 2,960 | 4,387 | 6,412 | 3,312 | 2,504 | 1,345 | 1,062 | 689 | 1,049 | 1,477 | 2,283 | 2,534 |
| 4 | 2,787 | 3,164 | 4,690 | 6,096 | 3,291 | 2,641 | 1,274 | 1,096 | 760 | 1,090 | 1,502 | 2,332 | 2,560 |
| 5 | 2,760 | 3,058 | 5,674 | 6,302 | 3,361 | 2,663 | 1,244 | 1,025 | 731 | 1,018 | 1,471 | 2,453 | 2,647 |
| 6 | 2,691 | 2,846 | 6,471 | 6,137 | 3,315 | 2,701 | 1,257 | 963 | 912 | 1,034 | 1,460 | 2,511 | 2,692 |
| 7 | 2,597 | 2,885 | 6,236 | 5,716 | 3,471 | 2,322 | 1,213 | 963 | 1,211 | 926 | 1,517 | 2,531 | 2,632 |
| 8 | 2,534 | 2,774 | 5,464 | 5,426 | 3,701 | 2,194 | 1,210 | 1,050 | 1,033 | 870 | 1,979 | 2,507 | 2,562 |
| 9 | 2,581 | 2,534 | 5,178 | 5,270 | 3,920 | 2,100 | 1,180 | 970 | 1,239 | 1,037 | 2,044 | 2,558 | 2,551 |
| 10 | 2,394 | 2,503 | 5,014 | 5,432 | 3,689 | 1,912 | 1,072 | 918 | 1,027 | 1,240 | 1,895 | 2,484 | 2,465 |
| 11 | 2,258 | 2,691 | 4,900 | 5,012 | 3,504 | 1,848 | 1,060 | 876 | 947 | 1,103 | 1,764 | 2,833 | 2,400 |
| 12 | 2,168 | 2,741 | 4,971 | 4,678 | 3,749 | 1,873 | 1,055 | 945 | 879 | 1,129 | 1,748 | 2,785 | 2,393 |
| 13 | 2,094 | 2,811 | 4,962 | 4,860 | 3,981 | 2,105 | 1,253 | 964 | 993 | 1,065 | 1,916 | 2,856 | 2,488 |
| 14 | 2,033 | 3,618 | 5,259 | 5,097 | 3,651 | 2,227 | 1,160 | 970 | 969 | 994 | 1,863 | 2,789 | 2,553 |
| 15 | 2,089 | 3,755 | 5,565 | 5,061 | 3,504 | 2,164 | 1,104 | 869 | 872 | 1,041 | 1,684 | 2,725 | 2,536 |
| 16 | 2,354 | 3,269 | 5,513 | 4,833 | 3,346 | 1,974 | 1,120 | 831 | 852 | 1,598 | 1,729 | 2,577 | 2,500 |
| 17 | 2,370 | 3,488 | 5,572 | 4,965 | 3,400 | 1,916 | 1,292 | 781 | 958 | 1,419 | 1,923 | 2,466 | 2,546 |
| 18 | 2,255 | 3,412 | 5,421 | 4,585 | 3,689 | 1,797 | 1,175 | 911 | 1,892 | 1,131 | 1,802 | 2,476 | 2,546 |
| 19 | 2,590 | 3,570 | 5,286 | 4,280 | 3,802 | 1,776 | 1,180 | 856 | 1,495 | 1,314 | 1,731 | 2,487 | 2,531 |
| 20 | 2,908 | 3,967 | 5,279 | 4,393 | 3,557 | 1,890 | 1,413 | 849 | 1,251 | 1,414 | 1,970 | 2,284 | 2,598 |
| 21 | 2,668 | 4,279 | 5,704 | 4,493 | 3,449 | 2,187 | 1,458 | 842 | 1,148 | 1,487 | 1,899 | 2,292 | 2,659 |
| 22 | 2,824 | 4,332 | 6,389 | 4,455 | 3,468 | 2,884 | 1,164 | 876 | 1,100 | 1,394 | 2,068 | 2,329 | 2,774 |
| 23 | 2,700 | 4,420 | 6,227 | 4,023 | 3,406 | 3,770 | 1,161 | 809 | 1,174 | 1,427 | 1,983 | 2,311 | 2,784 |
| 24 | 2,800 | 4,615 | 6,188 | 3,780 | 3,386 | 2,670 | 1,108 | 794 | 1,155 | 1,492 | 1,738 | 2,444 | 2,681 |
| 25 | 3,116 | 4,632 | 6,247 | 3,899 | 3,194 | 2,081 | 1,016 | 807 | 1,151 | 1,446 | 2,259 | 2,577 | 2,702 |
| 26 | 3,085 | 4,671 | 5,794 | 4,135 | 3,081 | 1,786 | 978 | 760 | 1,251 | 1,523 | 2,342 | 2,414 | 2,652 |
| 27 | 3,143 | 4,415 | 5,848 | 4,215 | 2,879 | 1,778 | 929 | 779 | 977 | 1,487 | 2,193 | 2,420 | 2,589 |
| 28 | 3,113 | 4,527 | 5,545 | 4,023 | 2,760 | 1,841 | 969 | 722 | 1,251 | 1,670 | 2,553 | 2,327 | 2,608 |
| 29 | 2,989 | 3,978 | 5,436 | 3,795 | 2,864 | 1,633 | 976 | 718 | 1,346 | 1,671 | 2,770 | 2,379 | 2,546 |
| 30 | 2,864 | No day | 5,568 | 3,706 | 2,682 | 1,550 | 987 | 754 | 1,175 | 1,454 | 2,464 | 2,974 | 2,380 |
| 31 | 2,806 | No day | 6,263 | No day | 2,560 | No day | 1,012 | 846 | No day | 1,288 | No day | 3,091 | 2,552 |
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg |
| Mean | 2,660 | 3,472 | 5,498 | 4,916 | 3,383 | 2,191 | 1,172 | 893 | 1,065 | 1,251 | 1,878 | 2,520 | 2,571 |

1 -- Available period of record may be less than value shown for certain days of the year.

Drainage Area = 2,030 sq mi
Gage Datum = 557.31 ft MSL

Juniata Basin
Huntingdon County