

## Analysis of Daily Mean Values by the Day

Lat = 39 39 31

Susquehanna River at Conowingo, MD

Lon = 76 10 28

Flood Stage = 23.5 ft

Period of Record 1967 - 2006

Floods = INC

| Day of month | Mean of daily mean values for this day for 37 years of record <sup>1</sup> , in ft <sup>3</sup> /s |            |            |            |            |            |            |            |            |            |            |            | Avg        |
|--------------|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|              | Jan  | Feb        | Mar        | Apr        | May        | Jun        | Jul        | Aug        | Sep        | Oct        | Nov        | Dec        |            |
| 1            | 32,310   | 43,880     | 62,370     | 90,620     | 50,690     | 40,610     | 28,420     | 17,280     | 10,880     | 22,840     | 24,530     | 51,230     | 39,638     |
| 2            | 44,200   | 41,040     | 58,950     | 94,450     | 50,330     | 38,870     | 27,900     | 17,480     | 11,980     | 21,530     | 23,930     | 49,410     | 40,006     |
| 3            | 46,590   | 43,250     | 58,190     | 100,500    | 51,190     | 37,510     | 27,330     | 19,200     | 13,170     | 19,550     | 23,290     | 50,980     | 40,896     |
| 4            | 47,610   | 52,359     | 62,260     | 103,200    | 47,610     | 35,830     | 20,310     | 18,930     | 12,320     | 18,970     | 23,350     | 51,770     | 41,210     |
| 5            | 45,070   | 56,510     | 63,270     | 102,400    | 48,680     | 35,410     | 24,050     | 17,810     | 12,850     | 17,370     | 24,430     | 49,420     | 41,439     |
| 6            | 40,430   | 52,290     | 72,750     | 102,800    | 48,170     | 35,290     | 22,240     | 16,289     | 14,120     | 17,360     | 26,939     | 50,390     | 41,589     |
| 7            | 40,760   | 46,600     | 75,830     | 102,400    | 50,339     | 35,150     | 22,870     | 16,850     | 13,710     | 18,020     | 23,850     | 49,060     | 41,287     |
| 8            | 40,000   | 42,060     | 70,760     | 96,810     | 48,010     | 37,680     | 22,010     | 15,170     | 16,440     | 17,630     | 25,540     | 51,149     | 40,272     |
| 9            | 40,660   | 39,630     | 63,490     | 86,820     | 46,470     | 37,300     | 20,740     | 14,710     | 15,700     | 18,470     | 29,900     | 49,520     | 38,618     |
| 10           | 44,570   | 37,170     | 61,720     | 82,940     | 44,850     | 32,550     | 19,520     | 13,580     | 17,060     | 22,040     | 35,120     | 48,690     | 38,318     |
| 11           | 41,180   | 34,950     | 62,400     | 83,830     | 45,490     | 29,790     | 19,080     | 15,050     | 17,770     | 20,860     | 38,040     | 49,230     | 38,139     |
| 12           | 36,400   | 37,920     | 61,790     | 86,800     | 50,020     | 28,399     | 18,050     | 15,179     | 15,200     | 19,980     | 38,860     | 50,860     | 38,288     |
| 13           | 33,710   | 39,510     | 59,450     | 80,890     | 56,320     | 27,620     | 18,520     | 15,520     | 14,520     | 19,280     | 40,090     | 51,100     | 38,044     |
| 14           | 33,550   | 40,490     | 62,420     | 77,230     | 56,630     | 27,560     | 19,720     | 16,020     | 15,100     | 20,570     | 38,390     | 57,450     | 38,761     |
| 15           | 33,520   | 42,480     | 65,850     | 76,890     | 57,560     | 28,560     | 19,810     | 15,260     | 17,170     | 19,830     | 38,360     | 59,100     | 39,533     |
| 16           | 32,010   | 48,420     | 72,470     | 79,820     | 58,870     | 29,149     | 18,440     | 14,170     | 17,170     | 19,920     | 38,250     | 54,870     | 40,297     |
| 17           | 31,360   | 46,800     | 73,290     | 83,140     | 57,480     | 31,350     | 19,100     | 14,729     | 15,670     | 19,320     | 37,830     | 53,330     | 40,283     |
| 18           | 31,690   | 44,330     | 71,960     | 85,620     | 55,270     | 32,940     | 18,620     | 14,979     | 18,170     | 18,970     | 37,380     | 51,140     | 40,089     |
| 19           | 32,370   | 48,000     | 70,950     | 80,260     | 54,179     | 32,910     | 16,970     | 13,780     | 28,130     | 24,370     | 38,480     | 49,300     | 40,808     |
| 20           | 41,850   | 49,450     | 71,660     | 71,330     | 52,180     | 31,030     | 16,560     | 17,930     | 30,150     | 27,680     | 39,730     | 46,750     | 41,358     |
| 21           | 48,990   | 53,590     | 73,980     | 65,840     | 51,049     | 30,040     | 17,680     | 17,170     | 24,070     | 30,669     | 41,580     | 44,890     | 41,629     |
| 22           | 45,720   | 57,050     | 82,110     | 62,439     | 49,920     | 42,770     | 18,240     | 15,740     | 21,880     | 32,210     | 39,650     | 47,490     | 42,935     |
| 23           | 42,590   | 62,520     | 86,860     | 61,190     | 46,280     | 61,050     | 18,270     | 15,480     | 19,360     | 32,520     | 38,230     | 47,950     | 44,358     |
| 24           | 42,130   | 67,240     | 92,800     | 58,590     | 47,290     | 61,570     | 17,320     | 14,440     | 21,300     | 31,410     | 36,510     | 44,690     | 44,608     |
| 25           | 50,539   | 72,990     | 93,960     | 58,109     | 43,750     | 55,610     | 17,130     | 14,330     | 20,770     | 29,659     | 36,210     | 36,840     | 44,158     |
| 26           | 50,230   | 77,980     | 89,030     | 59,850     | 42,400     | 45,540     | 16,160     | 12,460     | 28,440     | 28,430     | 36,630     | 44,740     | 44,324     |
| 27           | 50,670   | 72,860     | 87,160     | 58,190     | 41,250     | 35,760     | 16,970     | 13,430     | 37,050     | 26,500     | 37,180     | 46,390     | 43,618     |
| 28           | 55,270   | 65,290     | 88,830     | 58,500     | 40,860     | 28,630     | 16,840     | 11,740     | 34,570     | 25,440     | 39,790     | 44,470     | 42,519     |
| 29           | 53,569   | 64,750     | 92,170     | 55,360     | 40,080     | 26,820     | 17,920     | 11,100     | 31,700     | 25,710     | 49,740     | 43,860     | 42,732     |
| 30           | 49,340   | no day     | 91,280     | 52,049     | 39,770     | 28,050     | 19,430     | 10,600     | 26,150     | 26,610     | 52,340     | 43,160     | 39,889     |
| 31           | 44,580   | no day     | 90,160     | no day     | 40,870     | no day     | 18,250     | 10,820     | no day     | 26,410     | no day     | 38,650     | 38,534     |
|              | <b>Jan</b>   | <b>Feb</b> | <b>Mar</b> | <b>Apr</b> | <b>May</b> | <b>Jun</b> | <b>Jul</b> | <b>Aug</b> | <b>Sep</b> | <b>Oct</b> | <b>Nov</b> | <b>Dec</b> | <b>Avg</b> |
| <b>Mean</b>  | 42,047   | 50,720     | 73,876     | 78,629     | 48,834     | 36,045     | 19,822     | 15,072     | 19,752     | 23,230     | 35,138     | 48,641     | 40,909     |

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

Drainage Area = 27,100 sq mi  
Gage Datum = 5.00 ft MSL

Susquehanna Basin (Lower main stem)  
Harford County