

# DATA DEBIT SUNGAI

**Cimuntur-Banaruka**

**No. 2-112- 2-33**

**Tahun 2022**

Induk Sungai : Citanduy  
 Data Geografi : 07°20'57"\_\_ 108°17'41"\_\_  
 Lokasi : Dari arah Kota Banjar menuju ke Kabupaten Ciamis +/- 15 km, belok kanan di Bojong menuju jurusan Ciparigi +/- 4 km tepatnya pada aboutment jembatan Banaruka sebelah kiri hilir  
 Luas Daerah Pengaliran : 252.7 KM<sup>2</sup> ; ELEVASI PDA :+ M

## Keterangan mengenai Pos Duga Air

Didirikan : Tanggal 01-01-1984 oleh PIPW Citanduy  
 Periode Pencatatan : Tanggal 01-01-2022 sampai dengan 31-12-2022  
 Jenis Alat : Tinggi muka air Manual

## Ringkasan Data Aliran Ekstrim

Aliran Terbesar : M.A. = 1.50( +.00) M ; Q = 16.73 M<sup>3</sup>/DET ; TGL 26-6-2022  
 Aliran Terkecil : M.A. = .40( +.00) M ; Q = 4.38 M<sup>3</sup>/DET ; TGL 8-9-2022

## Aliran Ekstrim yang Pernah Terjadi sampai dengan Tahun Ini

Aliran Terbesar : M.A. = 1.50( +.00) M ; Q = 16.73 M<sup>3</sup>/DET ; TGL 26-6-2022  
 Aliran Terkecil : M.A. = .00( +.00) M ; Q = .00 M<sup>3</sup>/DET ; TGL 0- 0- 0  
 Penentuan Besarnya Aliran: Besarnya aliran ditentukan berdasarkan Rumus Lengkung  $Q=5.795(H+0.44)^{1.6}$  hasil analisa Paket Program Neo Perdas, menggunakan data pengukuran aliran tahun 2008 s.d 2021

Catatan :

Pelaksana : Unit Hidrologi Balai Besar Wilayah Sungai Citanduy

**Tabel Besarnya Aliran Harian (m<sup>3</sup>/det)**

| Tanggal                        | Jan    | Peb    | Mar    | Apr    | Mei    | Jun    | Jul    | Ags    | Sep    | Okt    | Nop    | Des    |
|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1                              | 7.0466 | 9.8147 | 7.3483 | 8.3878 | 7.0466 | 8.3878 | 8.1758 | 5.6107 | 4.9833 | 6.1703 | 8.1758 | 8.4589 |
| 2                              | 7.1466 | 9.8147 | 7.552  | 7.8616 | 7.3483 | 6.2655 | 8.1758 | 5.3384 | 5.1597 | 6.2655 | 7.7579 | 8.2462 |
| 3                              | 7.1466 | 8.4945 | 7.3483 | 7.4499 | 8.1758 | 6.3613 | 7.8616 | 5.2488 | 4.896  | 6.1703 | 7.3483 | 7.7579 |
| 4                              | 7.0466 | 8.1758 | 7.7579 | 7.1466 | 7.7579 | 5.3384 | 7.3483 | 6.5544 | 4.896  | 11.444 | 7.2472 | 7.6204 |
| 5                              | 7.1466 | 9.0359 | 7.3483 | 7.2472 | 6.9471 | 5.4286 | 7.2472 | 5.6107 | 4.6375 | 8.0705 | 7.0466 | 10.773 |
| 6                              | 8.7096 | 9.702  | 8.8179 | 8.8179 | 7.3483 | 5.795  | 7.3483 | 5.2488 | 4.4681 | 7.2472 | 7.0466 | 8.7817 |
| 7                              | 9.0359 | 8.1758 | 8.0705 | 8.4945 | 7.2472 | 6.7497 | 6.7497 | 5.2488 | 4.4681 | 6.9471 | 7.1466 | 7.7579 |
| 8                              | 8.3878 | 7.7579 | 7.7579 | 8.3878 | 7.1466 | 5.7026 | 6.5544 | 5.1597 | 4.3843 | 7.6547 | 9.9279 | 7.689  |
| 9                              | 7.1466 | 7.8616 | 7.1466 | 7.3483 | 7.3483 | 5.2488 | 6.1703 | 6.1703 | 5.7026 | 7.7579 | 7.0466 | 8.1055 |
| 10                             | 7.4499 | 9.9279 | 6.7497 | 7.1466 | 7.0466 | 5.2488 | 6.3613 | 6.4575 | 6.5544 | 10.156 | 10.617 | 7.7579 |
| 11                             | 7.7579 | 8.3878 | 6.9471 | 7.9658 | 6.7497 | 5.1597 | 7.2472 | 5.795  | 8.3878 | 7.3483 | 9.478  | 7.8616 |
| 12                             | 7.4499 | 8.2815 | 8.2815 | 8.3878 | 6.8481 | 4.896  | 7.7579 | 7.552  | 9.702  | 6.3613 | 8.2815 | 8.1055 |
| 13                             | 7.9658 | 8.3878 | 8.9266 | 7.1466 | 7.7579 | 5.6107 | 8.8179 | 6.1703 | 5.795  | 6.7497 | 8.8179 | 7.7579 |
| 14                             | 7.0466 | 8.7096 | 10.501 | 6.7497 | 7.1466 | 5.6107 | 6.3613 | 5.7026 | 6.6517 | 8.1758 | 10.617 | 7.7579 |
| 15                             | 7.0466 | 8.9266 | 8.2815 | 7.6547 | 6.6517 | 5.3384 | 7.3483 | 6.8481 | 5.2488 | 7.3483 | 9.702  | 8.3169 |
| 16                             | 7.3483 | 8.8179 | 7.7579 | 7.2472 | 6.1703 | 5.2488 | 9.8147 | 7.3483 | 5.1597 | 6.6517 | 8.3878 | 8.4589 |
| 17                             | 6.6517 | 7.3483 | 7.1466 | 7.2472 | 6.2655 | 5.795  | 8.6018 | 6.1703 | 5.3384 | 6.3613 | 8.3878 | 8.2462 |
| 18                             | 6.8481 | 7.2472 | 11.444 | 7.8616 | 6.1703 | 5.2488 | 7.552  | 5.7026 | 4.896  | 6.3613 | 8.8179 | 9.8147 |
| 19                             | 6.3613 | 7.3483 | 7.2472 | 6.3613 | 7.1466 | 5.6107 | 7.1466 | 5.795  | 4.6375 | 8.1758 | 12.048 | 8.7096 |
| 20                             | 9.478  | 7.1466 | 7.1466 | 9.1457 | 6.3613 | 6.3613 | 6.5544 | 5.4286 | 5.0712 | 8.1758 | 8.7096 | 8.7096 |
| 21                             | 8.1758 | 8.2815 | 8.2815 | 8.1758 | 6.1703 | 6.8481 | 6.2655 | 5.3384 | 5.4286 | 8.8179 | 8.2815 | 8.7817 |
| 22                             | 8.3878 | 10.27  | 7.6547 | 7.1466 | 6.0757 | 8.3878 | 6.5544 | 5.4286 | 5.9815 | 9.256  | 10.386 | 9.3297 |
| 23                             | 8.7096 | 9.256  | 8.3878 | 7.1466 | 5.7026 | 7.9658 | 7.6547 | 5.2488 | 7.7579 | 11.926 | 9.256  | 8.566  |
| 24                             | 8.7096 | 9.478  | 7.3483 | 6.7497 | 5.6107 | 10.042 | 7.2472 | 5.2488 | 12.17  | 11.205 | 9.5897 | 7.6547 |
| 25                             | 8.1758 | 9.702  | 8.8179 | 6.6517 | 13.164 | 10.27  | 6.3613 | 5.4286 | 7.1466 | 13.038 | 10.851 | 7.6547 |
| 26                             | 7.8616 | 7.9658 | 8.1758 | 7.1466 | 9.1457 | 16.732 | 6.1703 | 5.2488 | 6.2655 | 16.183 | 10.042 | 7.6547 |
| 27                             | 8.1758 | 9.0359 | 9.3667 | 6.9471 | 6.3613 | 10.734 | 5.888  | 5.0712 | 6.1703 | 12.539 | 10.851 | 7.3145 |
| 28                             | 8.0705 | 8.9266 | 10.27  | 6.7497 | 7.6547 | 12.048 | 6.3613 | 5.0712 | 5.6107 | 11.205 | 10.042 | 7.0799 |
| 29                             | 7.7579 |        | 8.6018 | 7.3483 | 6.6517 | 9.256  | 5.7026 | 5.1597 | 5.2488 | 9.5897 | 9.256  | 6.914  |
| 30                             | 7.552  |        | 7.7579 | 7.2472 | 5.6107 | 8.3878 | 5.2488 | 4.9833 | 5.4286 | 9.478  | 9.256  | 6.7497 |
| 31                             | 9.8147 |        | 8.1758 |        | 5.3384 |        | 5.7026 | 5.3384 |        | 8.7096 |        | 6.3933 |
| Rata-rata                      | 7.7938 | 8.6528 | 8.1424 | 7.5122 | 7.0376 | 7.2026 | 7.0436 | 5.7009 | 5.9416 | 8.7594 | 9.0139 | 8.0897 |
| Aliran/km <sup>2</sup> (l/det) | 30.842 | 34.241 | 32.222 | 29.728 | 27.85  | 28.502 | 27.873 | 22.56  | 23.512 | 34.663 | 35.671 | 32.013 |
| Tinggi Aliran(mm)              | 82.608 | 82.837 | 86.303 | 77.054 | 74.593 | 73.878 | 74.656 | 60.424 | 60.944 | 92.842 | 92.458 | 85.744 |
| Meter Kubik(10 <sup>6</sup> )  | 20.875 | 20.933 | 21.809 | 19.472 | 18.85  | 18.669 | 18.866 | 15.269 | 15.401 | 23.461 | 23.364 | 21.667 |

## Data Tahunan:

Rata-rata 7.5671 m<sup>3</sup>/det; Aliran km<sup>2</sup> 29.945  
 Tinggi aliran 944.34 mm; Total aliran 238.63 meter kubik (10<sup>6</sup>).

## Keterangan:

\* = Tanggal Pengukuran  
 K = Debit Perkiraan Berdasarkan Hydrograph  
 E = Debit Ekstrapolasi

