

# DATA DEBIT SUNGAI

**Cimuntur-Banaruka**

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

**Tahun 2019**

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 KM2 ; ELEVASI PDA :+ M

## Keterangan mengenai Pos Duga Air

Didirikan : Tanggal 01-01-1984 oleh IPK PWS Citanduy  
 Periode Pencatatan : Tanggal 01-01-2019 sampai dengan 31-12-2019  
 Jenis Alat : Tinggi muka air Manual

## Ringkasan Data Aliran Ekstrim

Aliran Terbesar : M.A. = 1.70( +.00) M ; Q = 20.26 M3/DET ; TGL 9- 2-2019  
 Aliran Terkecil : M.A. = .30( +.00) M ; Q = 3.50 M3/DET ; TGL 10- 9-2019

## Aliran Ekstrim yang Pernah Terjadi sampai dengan Tahun Ini

Aliran Terbesar : M.A. = 1.70( +.00) M ; Q = 20.26 M3/DET ; TGL 9- 2-2019  
 Aliran Terkecil : M.A. = .00( +.00) M ; Q = .00 M3/DET ; TGL 0- 0- 0  
 Penentuan Besarnya Alirar : Besarnya aliran ditentukan berdasarkan Rumus Lengkung  $Q=7.005(H+0.33)^{1.5}$  hasil analisa Paket Program Neo Perdas, menggunakan data pengukuran aliran tahun 2008 s.d 2018

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	6,2825	10,026	9,3237	10,624	5,4895	4,1908	4,1908	3,928	3,928	3,928	3,8417	4,2796
2	6,1814	8,8652	8,7518	11,233	8,4145	4,1908	4,2796	3,8417	3,928	3,928	3,8417	4,3691
3	6,7959	8,4145	10,503	11,979	7,8622	4,2796	4,1908	3,928	3,928	3,928	3,8417	5,8816
4	6,2825	14,444	11,233	11,356	8,4145	3,928	4,1908	4,3691	3,756	3,928	3,8417	4,3691
5	7,7533	10,744	14,177	13,257	8,0816	4,015	4,1908	3,8417	3,8417	3,8417	4,015	4,015
6	8,0816	10,624	13,127	12,869	7,5369	3,928	4,1026	3,8417	3,756	3,8417	4,015	4,1908
7	7,5369	13,257	10,744	11,604	7,005	3,928	4,015	3,8417	3,756	3,8417	3,928	4,015
8	8,0816	16,496	11,233	17,626	7,3226	4,015	4,015	3,928	3,6709	3,928	3,8417	4,2796
9	8,303	20,261	13,257	16,217	7,2162	4,1908	3,928	3,928	3,5866	3,8417	3,8417	4,1908
10	8,8652	15,118	16,496	15,254	7,3226	4,8256	3,928	3,8417	3,5028	3,756	3,928	4,7331
11	8,4145	17,626	11,233	13,257	6,9002	4,5499	3,928	3,928	3,6709	3,8417	3,928	5,393
12	8,1921	13,912	11,979	10,744	7,7533	4,2796	4,015	3,928	3,5866	4,015	4,015	5,2015
13	8,4145	11,604	11,233	11,233	7,2162	4,1026	3,928	3,8417	3,5866	3,928	4,015	4,6412
14	10,026	11,979	9,5558	13,127	7,1103	4,3691	4,015	3,8417	3,756	3,928	3,928	5,981
15	8,9791	12,485	11,356	11,979	6,6922	5,0124	3,928	3,8417	3,756	3,8417	3,928	6,2825
16	9,2083	11,604	9,7898	9,7898	6,4862	5,7827	3,928	3,8417	3,8417	3,756	3,928	6,3841
17	7,8622	11,604	9,9075	9,3237	6,1814	4,5499	4,1026	3,928	3,8417	3,756	4,015	6,2825
18	7,5369	11,604	9,5558	10,026	5,8816	4,4592	4,015	3,928	3,928	3,6709	3,928	5,4895
19	8,4145	10,988	10,744	12,869	5,7827	4,2796	3,928	3,928	3,8417	3,5028	3,6709	5,2015
20	10,383	12,485	11,356	12,485	5,981	4,1908	3,928	3,928	3,756	3,5866	4,1908	4,4592
21	10,026	11,979	10,624	10,744	5,2969	4,2796	3,8417	4,015	3,6709	3,756	4,1908	4,3691
22	11,979	13,518	11,604	10,503	5,2015	4,1908	3,928	3,928	3,756	3,8417	4,1908	4,3691
23	11,979	11,233	9,7898	10,026	4,8256	4,4592	3,928	3,8417	3,8417	3,8417	4,3691	4,015
24	10,503	11,979	8,6388	10,144	4,5499	4,3691	4,015	3,928	3,756	3,8417	7,3226	3,928
25	10,263	11,356	9,7898	10,144	4,8256	4,3691	3,928	3,928	3,8417	3,8417	6,4862	4,015
26	8,4145	11,233	10,026	9,0934	4,3691	4,1908	3,928	4,015	3,756	3,928	5,4895	4,1908
27	8,8652	10,026	10,383	10,026	4,2796	4,2796	3,928	3,8417	3,756	3,8417	5,0124	4,2796
28	7,7533	10,026	10,744	11,233	4,1908	4,1908	3,928	3,928	3,756	3,756	4,4592	4,3691
29	6,7959		10,503	10,263	4,015	4,3691	3,8417	3,928	3,8417	3,8417	4,015	4,1908
30	6,7959		9,5558	12,485	3,928	4,1908	3,928	4,015	3,928	3,928	3,928	5,0124
31	8,4145		10,624		3,928		3,928	3,928		3,928		5,2969
Rata-rata	8,4962	12,339	10,898	11,717	6,131	4,3319	3,9958	3,92	3,7708	3,8366	4,2649	4,7637
Aliran/km <sup>2</sup> (/det)	33,622	48,828	43,126	46,368	24,262	17,142	15,812	15,513	14,922	15,183	16,877	18,851
Tinggi Aliran(mm)	90,053	118,12	115,51	120,18	64,983	44,433	42,352	41,549	38,678	40,665	43,746	50,491
Meter Kubik(10 <sup>6</sup> )	22,756	29,85	29,189	30,371	16,421	11,228	10,702	10,499	9,7738	10,276	11,055	12,759

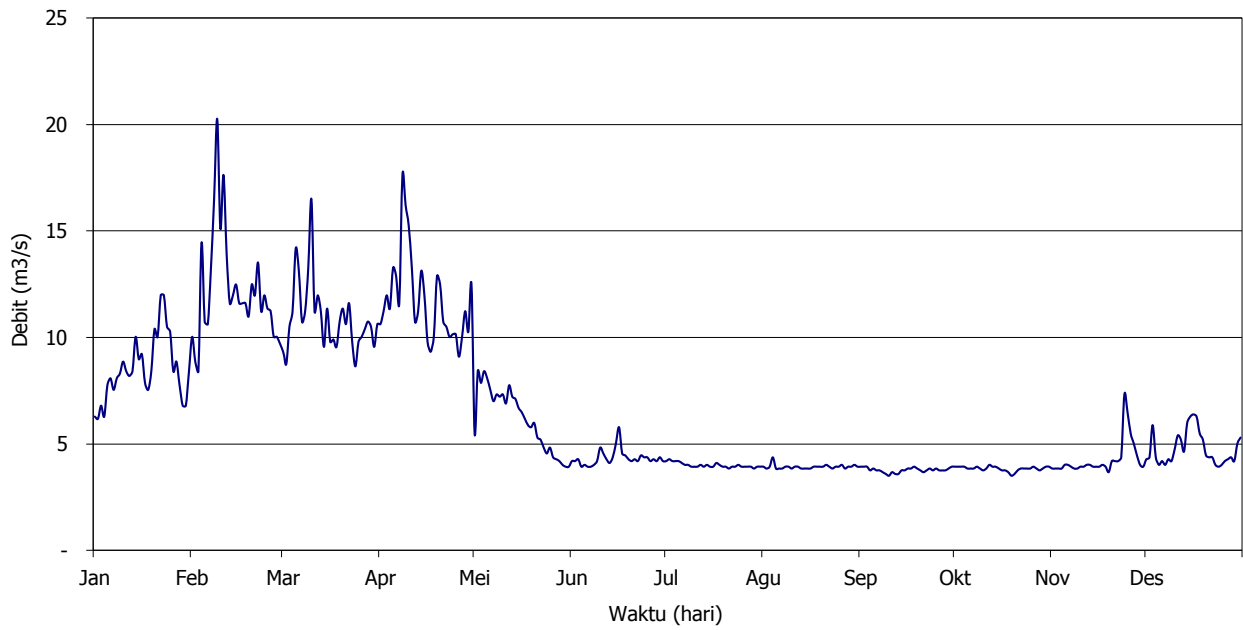
## Data Tahunan:

Rata-rata : 6,4967 m<sup>3</sup>/det; Aliran km<sup>2</sup> : 25,709  
 Tinggi aliran : 810,77 mm; Total aliran : 204,88 meter kubik (10<sup>6</sup>).

## Keterangan:

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

**HIDROGRAF ALIRAN Cimuntur-Banaruka 2019**



**KURVA DURASI Cimuntur-Banaruka 2019**

