

DATA DEBIT SUNGAI

Cimuntur-Banaruka

No. 2-112- 2-33

Tahun 2021

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 PIPW Citanduy
 Periode Pencatatan : Tanggal 01-01-2021 sampai dengan 31-12-2021
 Jenis Alat : Tinggi muka air Manual

Ringkasan Data Aliran Ekstrim

Aliran Terbesar : M.A. = 1.59(+.00) M ; Q = 17.99 M3/DET ; TGL 3-1-2021
 Aliran Terkecil : M.A. = .35(+.00) M ; Q = 3.97 M3/DET ; TGL 29-8-2021

Aliran Ekstrim yang Pernah Terjadi sampai dengan Tahun Ini

Aliran Terbesar : M.A. = 1.59(+.00) M ; Q = 17.99 M3/DET ; TGL 3-1-2021
 Aliran Terkecil : M.A. = .00(+.00) M ; Q = .00 M3/DET ; TGL 0- 0- 0
 Penentuan Besarnya Alirar : Besarnya aliran ditentukan berdasarkan Rumus Lengkung $Q=5.795(H+0.44)^{1.6}$ hasil analisa Paket Program Neo Perdas, menggunakan data pengukuran aliran tahun 2008 s.d 2020

Catatan :

Pelaksana : Unit Hidrologi Balai Besar Wilayah Sungai Citanduy

Tabel Besarnya Aliran Harian (m³/det)

Tanggal	Jan	Peb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nop	Des
1	12,913	7,1466	7,6547	9,8147	5,795	7,6547	5,2488	7,0466	4,3843	4,7517	7,4839	12,581
2	14,058	7,1466	6,7497	8,1758	5,2488	12,416	5,795	5,888	4,3843	4,7805	7,1466	8,7096
3	17,991	7,2472	6,3613	8,3878	5,1597	7,3483	4,896	5,4286	4,1365	4,4962	10,194	9,3297
4	14,318	6,6517	6,4575	7,552	5,3384	6,1703	4,5525	5,7026	4,4681	4,3843	7,1466	11,087
5	10,969	6,6517	6,7497	9,478	4,9833	5,9815	4,3843	5,7026	4,2185	4,2735	6,4254	8,3878
6	11,805	6,3613	6,1703	7,4499	5,2488	6,1703	4,3843	4,896	4,0551	4,3843	5,5497	7,4839
7	12,416	6,3613	8,0705	7,1466	5,2488	5,4286	4,3843	4,7231	4,5243	4,5243	5,3684	8,0006
8	10,386	6,6517	7,6547	6,6517	8,1758	5,2488	4,3011	4,5525	4,3843	4,3843	5,3085	6,7497
9	10,27	6,4575	8,4945	6,9471	5,5194	5,0712	4,4681	4,4681	4,3011	4,2735	5,0419	7,7579
10	12,048	6,2655	6,6517	7,1466	5,2488	5,0712	5,3384	4,3843	4,3011	4,2735	6,1703	8,1758
11	10,851	6,7497	7,4499	7,9658	4,896	5,2488	4,4681	4,1365	3,9743	4,3288	6,7497	7,827
12	11,205	6,9471	6,8481	8,1758	5,7026	6,8481	4,4681	4,2185	4,1365	4,3843	6,2974	7,6547
13	11,444	17,287	8,7096	7,6547	5,2488	5,2488	4,3011	4,3843	6,1703	4,2185	7,827	6,7497
14	11,563	9,8147	8,3878	8,3878	5,0712	4,8093	4,5525	4,5525	5,2488	4,2185	8,5302	6,4898
15	13,038	8,1758	7,552	8,6018	4,896	4,8093	4,3843	5,1597	4,8093	4,2735	7,3145	6,6517
16	10,734	8,3878	6,8481	8,3878	4,9833	4,9833	4,3843	4,8093	4,5525	4,2185	7,5862	6,4898
17	11,087	10,969	6,7497	7,8616	4,6375	6,0757	4,2185	4,896	5,795	4,2735	7,827	9,8147
18	10,851	10,386	6,5544	7,6547	4,8093	5,2488	4,3843	4,3843	4,896	4,3843	8,0006	7,1466
19	9,478	11,087	8,1758	10,851	4,6375	4,9833	4,3843	4,3011	5,4286	4,2185	8,8179	7,3145
20	8,8179	9,702	7,4499	6,8481	4,5525	4,5525	4,5525	4,3843	4,8093	4,666	8,566	7,0134
21	8,8179	9,8147	7,7579	6,6517	5,4286	4,896	4,9833	4,2185	4,5525	4,4401	7,5862	7,1466
22	9,1457	8,4945	9,0359	6,5544	5,1597	5,2488	4,7231	4,3011	4,896	4,2735	7,3145	6,6517
23	8,8179	8,3878	8,9266	6,1703	4,7231	5,4286	4,3843	4,3011	4,896	4,2735	8,2815	8,1758
24	8,1758	7,7579	10,27	5,9815	6,8481	5,4286	4,4681	4,0551	5,0712	4,3843	9,3297	8,4589
25	8,2815	7,9658	11,926	6,0757	8,1758	5,4286	4,6375	4,2185	5,1597	4,2735	8,0006	7,3145
26	7,7579	8,1758	10,851	6,1703	5,6107	5,0712	4,4681	4,2185	7,1466	4,2185	7,5862	9,7395
27	9,256	7,6547	9,702	6,0757	4,9833	5,4286	4,3011	4,3843	5,0712	4,3288	6,3933	8,1758
28	10,27	7,552	10,851	5,795	5,2488	5,0712	4,2185	4,6375	5,1597	7,6204	8,1758	8,2462
29	9,9279		9,3667	6,1703	6,2655	4,896	4,3843	3,9743	4,896	6,9802	8,2462	7,931
30	9,1457		10,617	5,9815	6,1703	4,8093	4,2185	4,3843	4,6375	4,9542	8,4589	7,689
31	8,3878		10,969		5,4286		4,64	4,3843		4,5243		7,3145
Rata-rata	10,781	8,2946	8,2585	7,4255	5,4659	5,7025	4,5573	4,6696	4,8221	4,58	7,4242	8,0083
Aliran/km ² (l/det)	42,665	32,824	32,681	29,385	21,63	22,566	18,035	18,479	19,082	18,124	29,379	31,691
Tinggi Aliran(mm)	114,27	79,408	87,533	76,165	57,934	58,492	48,304	49,494	49,461	48,545	76,151	84,881
Meter Kubik(10 ⁶)	28,877	20,066	22,12	19,247	14,64	14,781	12,206	12,507	12,499	12,267	19,243	21,449

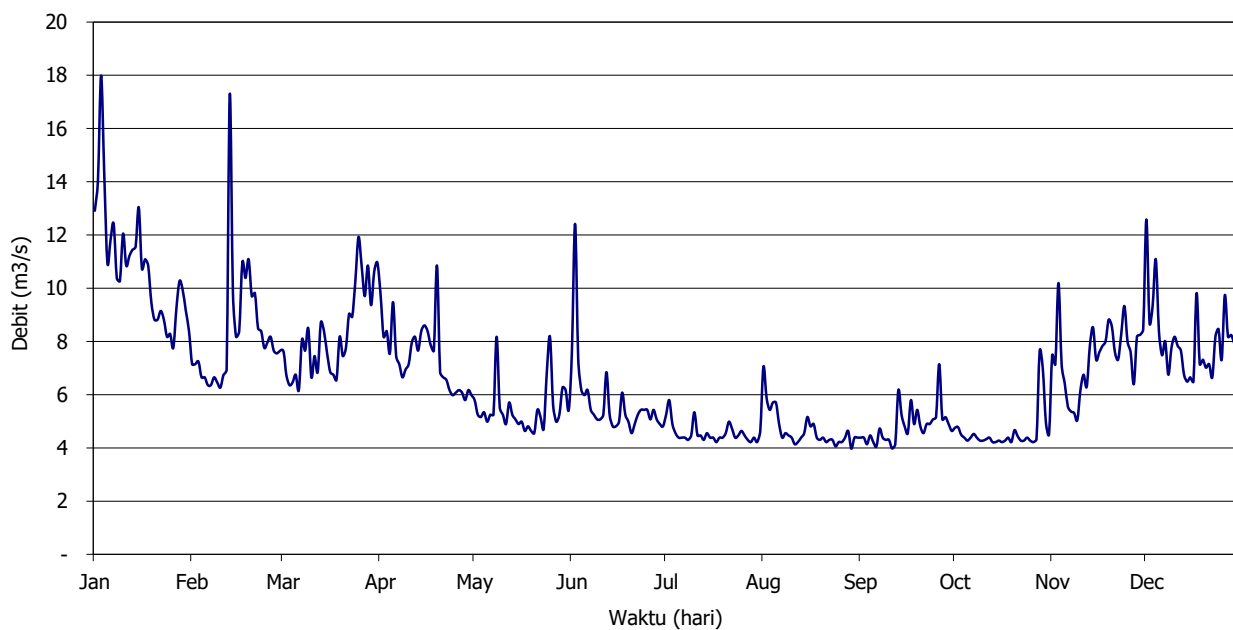
Data Tahunan:

Rata-rata 6,656 m³/det; Aliran km² 26,339
 Tinggi aliran 830,64 mm; Total aliran 209,9 meter kubik (10⁶).

Keterangan:

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

HIDROGRAF ALIRAN Cimuntur-Banaruka 2021



KURVA DURASI Cimuntur-Banaruka 2021

