

DATA DEBIT SUNGAI

Ciseel-Ciawitali

No. 2-112- 2-11

Tahun 2023

Induk Sungai : Citanduy
 Data Geografi : 7°27'6.69" 108°39'16.92
 Lokasi : Dari Kota Banjar menuju jurusan Kota Banjarsari +/- 21 km, belok kiri menuju Kota Kecamatan Lakbok +/- 8 km tepatnya lokasi di Desa Ciawitali sebelah hilir kanan jembatan +/- 100 m.

Luas Daerah Pengaliran : 555.42 KM² ; ELEVASI PDA :+ M

Keterangan mengenai Pos Duga Air

Didirikan : Tanggal 12-06-2002 oleh PIPW Citanduy
 Periode Pencatatan : Tanggal 01-01-2023 sampai dengan 31-12-2023
 Jenis Alat : Tinggi muka air Manual

Ringkasan Data Aliran Ekstrim

Aliran Terbesar : M.A. = 4.74(+.24) M ; Q = 633.07 M³/DET ; TGL 7-07-2023
 Aliran Terkecil : M.A. = .01(+.00) M ; Q = 1.48 M³/DET ; TGL 01-06-2023

Aliran Ekstrim yang Pernah Terjadi sampai dengan Tahun Ini

Aliran Terbesar : M.A. = 4.74(+.24) M ; Q = 633.07 M³/DET ; TGL 7-07-2023
 Aliran Terkecil : M.A. = .00(+.38) M ; Q = .00 M³/DET ; TGL 0- 0-00
 Penentuan Besarnya Aliran: Besarnya aliran ditentukan berdasarkan Rumus Lengkung $Q=21.468(H+0.27)^{2.1}$ hasil analisa Paket Program Neo Perdas, menggunakan data pengukuran aliran tahun 2010 s.d 2023

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	10.769	14.151	7.603	292.74	164.88	1.4819	6.5937	1.4819	1.4819	1.4819	1.4819	1.4819
2	5.886	7.8671	3.8286	217.16	60.669	1.4819	3.8286	1.4819	1.4819	1.4819	1.4819	1.4819
3	4.2032	71.209	23.311	127.98	588.8	1.4819	2.0925	1.4819	1.4819	1.4819	1.4819	1.4819
4	2.2279	42.867	282.21	48.212	299.87	1.4819	1.4819	1.4819	1.4819	1.4819	1.4819	1.4819
5	3.4723	27.236	120.07	27.236	217.16	1.4819	1.4819	1.4819	1.4819	1.4819	1.4819	1.4819
6	39.693	100.95	60.669	19.704	155.83	1.4819	1.4819	1.4819	1.4819	1.4819	1.4819	1.4819
7	16.024	18.852	20.138	7.0889	299.87	1.4819	633.07	1.4819	1.4819	1.4819	1.4819	1.4819
8	8.4095	10.769	7.8671	3.4723	211.14	1.4819	237.33	1.4819	1.4819	1.4819	1.4819	1.4819
9	7.603	5.4375	60.669	25.727	131.45	206.69	106.09	1.4819	1.4819	1.4819	1.4819	1.4819
10	14.151	4.2032	21.02	10.769	66.234	74.631	237.33	1.4819	1.4819	1.4819	1.4819	1.4819
11	7.8671	63.023	12.4	5.6594	46.169	29.853	164.88	1.4819	1.4819	1.4819	1.4819	1.4819
12	3.8286	21.921	7.8671	3.8286	35.463	19.704	89.16	1.4819	1.4819	1.4819	1.4819	1.4819
13	6.5937	66.234	6.3531	2.2279	24.746	6.5937	63.023	1.4819	1.4819	1.4819	1.4819	1.4819
14	3.3009	35.463	4.7996	2.512	16.808	2.512	14.886	1.4819	1.4819	1.4819	1.4819	1.4819
15	2.6608	39.693	5.2202	15.64	15.64	1.713	8.9709	1.4819	1.4819	1.4819	1.4819	1.4819
16	4.3974	9.8486	3.3009	9.2587	13.086	1.4819	7.8671	1.4819	1.4819	1.4819	1.4819	1.4819
17	10.769	7.8671	22.38	3.6482	8.6878	1.4819	9.2587	1.4819	1.4819	1.4819	1.4819	1.4819
18	9.2587	120.07	12.4	2.3677	6.839	1.4819	7.8671	1.4819	1.4819	1.4819	1.4819	1.4819
19	7.0889	58.361	7.8671	1.9616	6.5937	1.4819	5.2202	1.4819	1.4819	1.4819	1.4819	1.4819
20	4.7996	120.07	2.9719	1.4819	5.6594	1.4819	4.3974	1.4819	1.4819	1.4819	1.4819	1.4819
21	206.69	55.358	30.934	1.4819	4.5962	1.4819	4.3974	1.4819	1.4819	1.4819	1.4819	1.4819
22	102.99	25.727	16.808	1.4819	4.3974	1.4819	3.8286	1.4819	1.4819	1.4819	1.4819	1.4819
23	53.16	136.15	10.769	1.4819	4.0136	1.4819	3.4723	1.4819	1.4819	1.4819	1.4819	1.4819
24	27.236	63.023	6.5937	12.4	2.6608	1.4819	3.1341	1.4819	1.4819	1.4819	1.4819	1.4819
25	19.704	68.698	102.99	6.5937	2.6608	1.4819	2.3677	1.4819	1.4819	1.4819	5.4375	1.4819
26	7.603	21.921	53.16	2.9719	2.6608	1.4819	2.2279	1.4819	1.4819	1.4819	1.4819	1.4819
27	155.83	127.98	25.727	1.9616	2.3677	1.4819	1.9616	1.4819	1.4819	1.4819	1.4819	1.4819
28	102.99	24.262	18.02	1.9616	1.8351	1.4819	1.5952	1.4819	1.4819	1.4819	1.4819	1.4819
29	63.023		10.769	1.4819	1.5952	1.4819	1.5952	1.4819	1.4819	1.4819	1.4819	1.4819
30	24.746		58.361	1.4819	1.4819	1.4819	1.4819	1.4819	1.4819	1.4819	1.4819	1.4819
31	21.02		51.009		1.4819		1.4819	1.4819		1.4819		1.4819
Rata-rata	30.903	48.901	34.777	28.733	77.592	12.526	52.704	1.4819	1.4819	1.4819	1.6138	1.4819
Aliran/km ² (l/det)	55.639	88.043	62.614	51.731	139.7	22.552	94.891	2.6681	2.6681	2.6681	2.9055	2.6681
Tinggi Aliran(mm)	149.02	212.99	167.71	134.09	374.17	58.456	254.16	7.1462	6.9157	7.1462	7.531	7.1462
Meter Kubik(10 ⁶)	82.771	118.3	93.147	74.475	207.82	32.467	141.16	3.9692	3.8411	3.9692	4.1829	3.9692

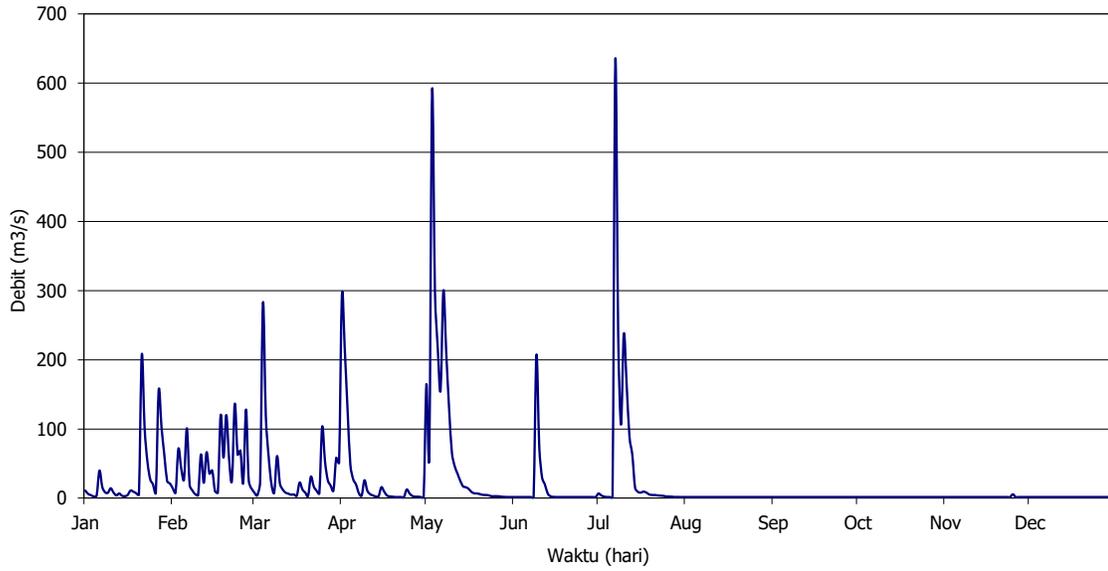
Data Tahunan:

Rata-rata 24.419 m³/det; Aliran km² 43.965
 Tinggi aliran 1386.5 mm; Total aliran 770.08 meter kubik (10⁶).

Keterangan:

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

HIDROGRAF ALIRAN Ciseel-Ciawitali 2023



KURVA DURASI Ciseel-Ciawitali 2023

