

**DATA DEBIT SUNGAI**

**Citanduy-Bojongsalawe**

**No. 2-112- 2-20**

**Tahun 2021**

Induk Sungai : Citanduy  
 Data Geografi : 7°21'44.41" 108°17'41"  
 Lokasi : Dari Kota Banjar menuju ke Terminal Cimaragas Kecamatan Cimaragas +/- 8 km belok kanan menuju ke Kp. Bojongsalawe +/- 1 km tepatnya di Jembatan Bojongsalawe, letaknya sebelah kanan hilir jembatan +/- 150 M

Luas Daerah Pengaliran : 683,85 KM<sup>2</sup> ; ELEVASI PDA :+ M

**Keterangan mengenai Pos Duga Air**

Didirikan : Tanggal 01-01-1994 oleh IPK PWS 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. = 2.30( +.18) M ; Q = 126.78 M<sup>3</sup>/DET ; TGL 24-07-2021  
 Aliran Terkecil : M.A. = .42( +.18) M ; Q = 15.65 M<sup>3</sup>/DET ; TGL 24- 111-2021

**Aliran Ekstrim yang Pernah Terjadi sampai dengan Tahun Ini**

Aliran Terbesar : M.A. = 2.30( +.18) M ; Q = 133.02 M<sup>3</sup>/DET ; TGL 24-07-2021  
 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  $Q=41.75(H+0.05)^{1.3}$  hasil analisa Paket Program Neo Perdas, menggunakan data pengukuran aliran tahun 2010 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	44,484	37,991	65,259	64,658	48,939	44,484	65,861	52,344	54,643	65,259	47,071	52,154
2	42,294	40,668	87,704	29,723	45,589	41,208	42,839	46,143	51,203	61,672	34,144	48,939
3	34,836	35,881	71,954	63,46	54,643	35,358	48,939	46,699	50,068	92,24	31,407	47,63
4	34,317	41,208	64,658	71,954	51,773	34,317	35,881	47,257	54,066	88,349	30,394	43,568
5	35,881	49,503	80,686	78,795	43,386	35,881	34,836	47,257	52,917	76,915	37,285	40,308
6	68,892	49,503	74,425	74,425	54,066	48,939	35,881	48,939	90,29	73,805	42,657	41,931
7	39,057	57,548	87,704	88,349	45,035	37,991	78,167	47,816	70,113	47,816	37,814	37,814
8	41,75	69,502	72,57	74,425	60,487	41,75	52,917	53,491	61,079	41,75	39,414	33,799
9	55,221	52,917	72,57	76,291	46,699	55,221	41,75	46,699	52,917	47,257	31,407	71,134
10	41,208	45,035	94,2	58,133	45,589	42,294	36,406	47,257	55,801	52,917	43,751	44,484
11	45,589	77,541	98,148	53,491	48,939	37,991	36,406	48,939	43,386	84,497	27,075	60,487
12	43,386	68,283	82,587	40,129	44,484	45,589	35,358	60,487	46,699	85,777	27,896	71,749
13	39,057	60,487	56,964	47,816	43,386	43,386	36,933	55,801	48,377	62,267	29,891	70,93
14	41,208	68,283	99,472	27,239	42,294	40,129	36,933	73,805	48,939	59,307	41,569	71,339
15	42,294	52,917	48,939	39,057	40,668	36,933	43,386	73,805	49,503	52,917	50,824	71,134
16	47,816	61,672	103,47	35,358	43,934	48,939	64,058	47,257	56,964	47,816	35,881	71,339
17	51,203	42,839	96,169	42,294	57,548	52,344	46,143	47,816	44,484	90,939	53,491	64,858
18	45,589	47,257	94,2	40,129	52,344	44,484	56,382	48,939	60,487	101,47	34,49	42,657
19	40,668	43,386	74,425	31,746	49,503	41,208	50,068	47,257	52,917	96,169	32,769	33,799
20	38,523	48,377	58,72	43,934	54,643	37,461	61,672	46,699	76,915	92,892	45,589	90,722
21	42,839	41,208	57,548	51,203	55,801	38,523	66,465	51,773	58,72	48,939	36,406	88,134
22	39,057	48,939	52,917	40,129	58,72	39,057	72,57	54,643	126,78	87,704	18,29	89,21
23	37,991	61,672	55,801	61,672	60,487	37,991	54,643	57,548	52,344	45,589	16,662	64,858
24	44,484	60,487	77,541	33,799	54,066	46,143	126,78	60,487	55,801	62,863	15,645	61,079
25	54,643	59,307	66,465	51,203	49,503	50,068	48,939	63,46	64,058	60,487	18,141	67,878
26	38,523	51,773	63,46	35,881	50,635	41,208	55,801	59,307	54,643	64,658	22,27	64,458
27	59,897	60,487	71,954	54,066	47,257	59,897	50,635	62,863	54,066	64,058	30,562	72,159
28	67,676	63,46	66,465	61,672	47,816	62,267	50,068	72,57	50,068	61,672	37,109	69,095
29	48,939		85,137	48,377	44,484	47,816	47,257	61,079	47,816	65,259	46,699	73,393
30	50,635		88,349	46,143	47,816	52,344	69,502	63,46	48,377	64,658	53,682	70,93
31	54,643		90,29		54,643		86,418	72,57		61,672		68,283
Rata-rata	45,568	53,505	76,153	52,185	49,844	44,041	53,868	55,305	57,815	68,051	35,009	61,299
Aliran/km <sup>2</sup> (l/det)	66,634	78,24	111,36	76,311	72,888	64,401	78,771	80,874	84,543	99,512	51,195	89,637
Tinggi Aliran(mm)	178,47	189,28	298,27	197,8	195,22	166,93	210,98	216,61	219,14	266,53	132,7	240,08
Meter Kubik(10 <sup>6</sup> )	122,05	129,44	203,97	135,26	133,5	114,15	144,28	148,13	149,86	182,27	90,744	164,18

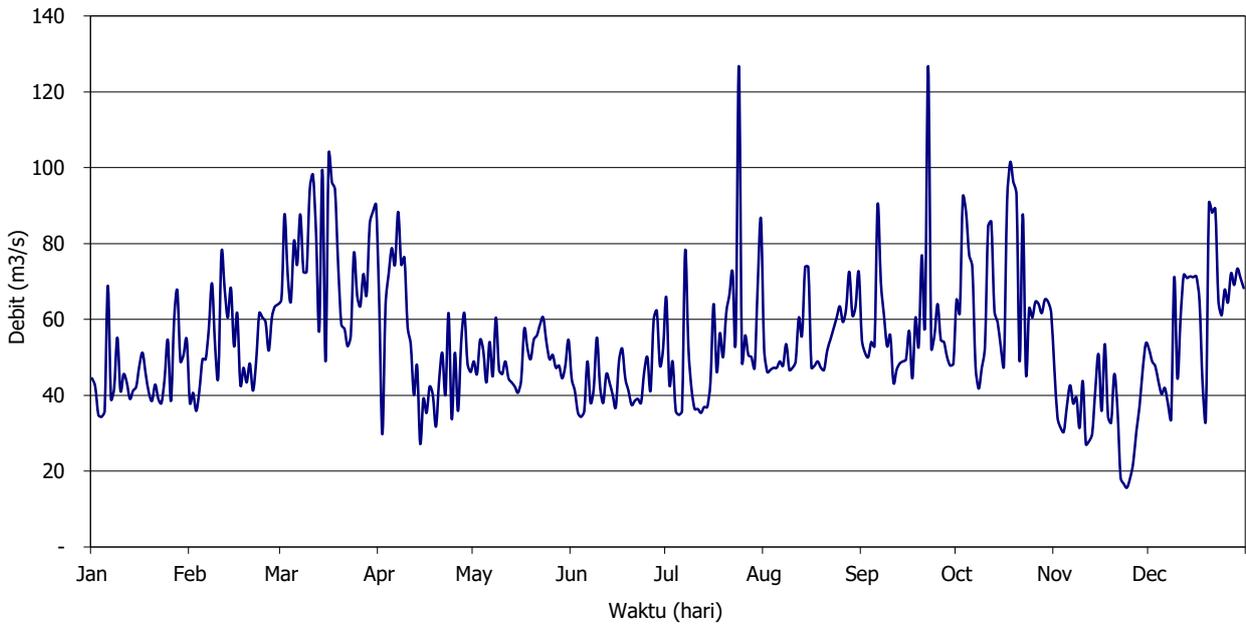
**Data Tahunan:**

Rata-rata 54,472 m<sup>3</sup>/det; Aliran km<sup>2</sup> 79,655  
 Tinggi aliran 2512 mm; Total aliran 1717,8 meter kubik (10<sup>6</sup>).

**Keterangan:**

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

**HIDROGRAF ALIRAN Citanduy-Bojongsalawe 2021**



**KURVA DURASI Citanduy-Bojongsalawe 2021**

