

**ANALISA DEBIT AIR UNTUK KAPASITAS PEMBANGKIT LISTRIK
TENAGA AIR (PLTA) PEUSANGAN 1 TAKENGON
KABUPATEN ACEH TENGAH
(Studi Kasus)**

SKRIPSI

*Diajukan untuk Memenuhi Persyaratan dalam Menyelesaikan
Pendidikan Program Sarjana Strata Satu (S1)
Program Studi Teknik Sipil Fakultas Teknik
Universitas Islam Sumatera Utara*

Disusun Oleh :

Anang Tri Hardianto
71180913025



**PROGRAM STUDI TEKNIK SIPIL
FAKULTAS TEKNIK
UNIVERSITAS ISLAM SUMATERA UTARA
MEDAN
2022**

**ANALISA DEBIT AIR UNTUK KAPASITAS PEMBANGKIT LISTRIK
TENAGA AIR (PLTA) PEUSANGAN 1 TAKENGON
KABUPATEN ACEH TENGAH
(Studi Kasus)**

SKRIPSI

*Diajukan untuk Memenuhi Persyaratan dalam Menyelesaikan
Pendidikan Program Sarjana Strata Satu (S1)
Program Studi Teknik Sipil Fakultas Teknik
Universitas Islam Sumatera Utara*

Disusun Oleh :

Anang Tri Hardianto
71180913025

Disetujui Oleh :

Dosen Pembimbing I

Dosen Pembimbing II

(Dr. Ir. Hj. Rumilla Harahap, MT)

(Ir. Anisah Lukman, MT)

Diketahui Oleh :
Plt. Ketua Program Studi Teknik Sipil

(Ir. Hj. Darlina Tanjung, MT)

**PROGRAM STUDI TEKNIK SIPIL
FAKULTAS TEKNIK
UNIVERSITAS ISLAM SUMATERA UTARA
MEDAN
2022**

KATA PENGANTAR

Assalamualaikum, Wr. Wb.

Puji dan syukur kehadiran Allah SWT, yang maha pengasih lagi maha penyayang atas segala rahmat dan hidayah-nya, sehingga saya dapat menyelesaikan skripsi ini.

Skripsi ini disusun sebagai salah satu persyaratan yang harus dipenuhi dalam rangka menyelesaikan Program Studi Teknik Sipil pada Fakultas Teknik Universitas Islam Sumatera Utara. Adapun judul skripsi saya adalah “ANALISA DEBIT AIR UNTUK KAPASITAS PEMBANGKIT LISTRIK TENAGA AIR (PLTA) PEUSANGAN 1 TAKENGON KABUPATEN ACEH TENGAH”.

Dalam penyusunan skripsi ini saya mendapat banyak masukan yang berguna dari berbagai pihak sehingga skripsi ini dapat terselesaikan. Oleh karena itu dengan segala ketulusan serta keikhlasan hati, saya mengucapkan terimakasih kepada :

1. Bapak Ir. Abdul Haris Nasution, MT, selaku Dekan Fakultas Teknik Universitas Islam Sumatera Utara.
2. Ibu Ir. Hj. Darlina Tanjung, MT, selaku Plt. Ka. Prodi Teknik Sipil Universitas Islam Sumatera Utara.
3. Ibu Dr. Ir. Hj. Rumilla Harahap, MT, selaku Dosen Pembimbing I yang telah banyak memberi bimbingan dan masukan sehingga selesai tulisan ini.

4. Ibu Ir. Anisah Lukman, MT, selaku Dosen Pembimbing II yang telah banyak memberi bimbingan dan masukan sehingga selesai tulisan ini.
5. Seluruh staff pengajar dan pegawai Program Studi Teknik Sipil Fakultas Teknik Universitas Islam Sumatera Utara.
6. Terimakasih yang istimewa untuk kedua orang tua saya bapak Hermanto dan ibu Asriyani yang telah membesarkan dan memberikan dukungan baik moril maupun materiil selama saya kuliah sampai selesainya skripsi ini.
7. Terimakasih juga kepada abang Muhammad Agung Riyanto, S.E. dan kakak Putri Dwi Handayani, A.Md. Keb. yang telah memberikan motivasi dan dukungan moril dan material sehingga saya dapat menyelesaikan skripsi ini.
8. Terimakasih kepada seluruh PLTA PT. PLN (Persero) UPP SUMBAGUT 2 yang telah memberikan saya kesempatan melakukan penelitian skripsi.
9. Terimakasih kepada abangda Ray Rama Ruin selaku sepupu yang telah membantu saya dalam pengambilan data pada PLTA Peusangan.
10. Terimakasih kepada Shinta Widya Sari selaku teman dekat yang telah membantu memberikan support dan motivasi dalam penulisan skripsi ini.
11. Terimakasih kepada teman-teman HMJS UISU yang telah mendukung penulisan skripsi ini.
12. Teman-teman seperjuangan stambuk 2018 yang telah membantu dan memotivasi saya dalam penulisan skripsi ini.

13. Terimakasih kepada semua teman-teman yang telah mendukung saya selama pengerjaan skripsi yang tidak bisa saya sebutkan namanya satu per satu.

Penulis menyadari bahwa skripsi ini masih jauh dari kata sempurna. Untuk itu penulis meminta saran dan kritik sehingga skripsi ini dapat lebih baik dan menambah pengetahuan penulis. Semoga skripsi ini dapat berguna bagi penulis khususnya untuk pembaca pada umumnya.

Wassalamu'alaikum, Wr. Wb.

Medan, Oktober 2022

Anang Tri Hardianto
71180913025

DAFTAR ISI

ABSTRAK	i
KATA PENGANTAR	iii
DAFTAR ISI	vi
DAFTAR TABEL	ix
DAFTAR GAMBAR	x
DAFTAR NOTASI	xii
BAB I PENDAHULUAN	1
1.1 Latar Belakang	1
1.2 Rumusan Masalah	2
1.3 Batasan Masalah.....	2
1.4 Tujuan Penelitian.....	3
1.5 Manfaat Penelitian.....	3
1.6 Sistematika Penulisan.....	4
BAB II TINJAUAN PUSTAKA	5
2.1 Pembangkit Listrik Tenaga Air (PLTA)	5
2.1.1 Pembangkit Listrik di Indonesia.....	6
2.2 Daerah Aliran Sungai (DAS)	12
2.2.1 Komponen Daerah Aliran Sungai.....	13
2.2.2 Luas dan Bentuk Daerah Aliran Sungai	15
2.2.3 Pola Aliran Sungai.....	16
2.3 Hidrologi	22

2.4	Siklus Hidrologi	23
2.5	Debit	24
2.6	Metode F. J. Mock.....	26
2.6.1	Presipitasi (Curah Hujan)	27
2.6.2	Evapotranspirasi	28
2.6.3	Keseimbangan Air (<i>Water Balance</i>).....	34
2.6.4	Infiltrasi	35
2.6.5	Limpasan Permukaan (<i>Direct Runoff</i>).....	37
2.7	Debit Andalan.....	38
BAB III METODOLOGI PENELITIAN		41
3.1	Lokasi Penelitian	41
3.2	Data dan Sumber Data.....	42
3.3	Metode Analisis Data	42
3.4	Diagram Alir Penelitian.....	43
BAB IV ANALISA DATA.....		44
4.1	PLTA Peusangan.....	44
4.2	Curah Hujan	45
4.3	Suhu Udara	48
4.4	Kelembapan Udara	49
4.5	Kecepatan Angin	49
4.6	Penyinaran Matahari.....	50
4.7	Perhitungan Evapotranspirasi dengan Rumus Penman	51
4.7.1	Data Pendukung.....	51

4.7.2 Menghitung Evapotrasnpirasi.....	53
4.8 Perhitungan Debit Andalan	58
BAB V PENUTUP	63
5.1 Kesimpulan.....	63
5.2 Saran.....	63
DAFTAR PUSTAKA	65
LAMPIRAN 1	66
LAMPIRAN 2	76
LAMPIRAN 3	86
LAMPIRAN 4	96
LAMPIRAN 5	106

DAFTAR TABEL

Tabel 2.1 Data terukur untuk perhitungan evaporasi	29
Tabel 2.2 Penyesuaian angka koreksi untuk perhitungan evaporasi.....	29
Tabel 2.3 Hubungan P dan Letak Lintang (LL) (untuk indonesia berada pada 5° Lu s/d 10° LS).....	30
Tabel 2.4 Angka koreksi (c) menurut Penman.....	30
Tabel 4.1 Curah hujan 0,5 bulan	46
Tabel 4.2 Curah hujan bulanan dan tahunan	46
Tabel 4.3 Data jumlah hari hujan 0,5 bulan	47
Tabel 4.4 Data jumlah hari hujan	48
Tabel 4.5 Suhu udara rata-rata	48
Tabel 4.6 Kelembapan udara rata-rata	49
Tabel 4.7 Kecepatan angin rata-rata.....	49
Tabel 4.8 Penyinaran matahari rata-rata	50
Tabel 4.9 Nilai Ra pada PLTA Peusangan.....	51
Tabel 4.10 Hubungan suhu dengan nilai ea, W, dan f(t).....	51
Tabel 4.11 Besaran angka koreksi c.....	52
Tabel 4.12 Hasil perhitungan evapotranspirasi	57
Tabel 4.13 Rekapitulasi hitungan debit aliran sungai	61
Tabel 4.14 Debit andalan	62

DAFTAR GAMBAR

Gambar 2.1 Pembangkit Listrik Tenaga Air	6
Gambar 2.2 PLTA Cirata, Jawa Barat	7
Gambar 2.3 PLTA Saguling, Jawa Barat	7
Gambar 2.4 PLTA Sulewana, Poso, Sulawesi Tengah	8
Gambar 2.5 PLTA Sigura-Gura Samosir, Sumatera Utara	9
Gambar 2.6 PLTA Musi, Bengkulu	9
Gambar 2.7 PLTA Mrica, Banjarnegara, Jawa Tengah	10
Gambar 2.8 PLTA Asahan, Sumatera Utara	11
Gambar 2.9 PLTA Jatiluhur, Purwakarta, Jawa Barat	12
Gambar 2.10 Jaringan sungai dan areanya.....	13
Gambar 2.11 Luas dan bentuk DAS	16
Gambar 2.12 Pola aliran dendritic	17
Gambar 2.13 Pola aliran paralel.....	18
Gambar 2.14 Pola aliran trellis.....	18
Gambar 2.15 Pola aliran rectangular.....	19
Gambar 2.16 Pola aliran radial.....	20
Gambar 2.17 Pola aliran annular.....	21
Gambar 2.18 Pola aliran multibasinal	21
Gambar 2.19 Pola aliran contorted.....	22
Gambar 2.20 Siklus Hidrologi	24
Gambar 3.1 Peta Batas Aliran Sungai Peusangan.....	41

Gambar 3.2 Peta Daerah Aliran Sungai Peusangan	42
Gambar 3.3 Diagram Alir Penelitian	43
Gambar 4.1 Grafik hubungan debit andalan dengan kebutuhan PLTA	62

DAFTAR NOTASI

R	= Curah hujan daerah
n	= Jumlah titik-titik pengamatan
$R_1 + R_2 + \dots + R_n$	= Curah hujan disetiap titik pengamatan
ET _o	= Evaporasi potensial (mm/hari)
c	= Faktor Koreksi
ET _o *	= Evaporasi (mm/hari)
W	= Faktor berat yang mempengaruhi penyinaran matahari pada evapotranspirasi actual
(1-W)	= Faktor berat sebagai pengaruh angin dan kelembaban pada Et
f(u)	= Fungsi pengaruh angin pada Et, dimana u merupakan kecepatan angin rata-rata
(e _a -e _d)	= Perbedaan tekanan uap air jenuh dengan tekanan uap air nyata
n/N	= Lamanya penyinaran matahari
R _a	= Penyinaran matahari
e _a	= Tekanan uap jenuh
R _h	= Kelembapan relatif
f(e _d)	= Fungsi tekanan uap nyata
e _d	= Tekanan uap nyata
f(n/N)	= Fungsi lamanya penyinaran matahari

$f(u)$	= Fungsi kecepatan angin
u	= Kecepatan angin
$f(t)$	= Fungsi suhu
P	= Curah hujan
WS	= kelebihan air
i	= Infiltrasi
if	= Koefisien infiltrasi ($i = 0 - 1,0$)
GS	= Penyimpanan air tanah (groundwater storage)
K	= Konstanta resesi aliran bulanan ($k = 0,4-0,7$)
V_{n-1}	= Tampungan awal
$V(n)$	= Volume tampungan
DRO	= Limpasan Permukaan (<i>direct runoff</i>)
A	= luas tangkapan
n	= jumlah hari hujan
P	= Probabilitas terjadinya kumpulan nilai yang diharapkan selama periode pengamatan (%)
m	= Nomor urut kejadian

DAFTAR PUSTAKA

- Asari, Vitri. 2021. *Analisis Debit Andalan untuk Kebutuhan Air Daerah Irigasi Matajang pada DAS Matajang Kab. Baru – Pangkep*. Makassar : Universitas Muhammadiyah Malang.
- Asdak, Chay. 1995. *Hidrologi dan Pengelolaan Daerah Aliran Sungai*, UGM press, Yogyakarta.
- Chairin, R. 2009. *Analisis Ketersediaan Air dengan Metode F.J. Mock pada Daerah Aliran Sungai Babura*. Sumatera Utara : Universitas Sumatera Utara.
- Dapertemen kehutanan, 2000. *Pedoman Penyelenggaraan Pengelolaan Daerah Aliran Sungai. Direktorat Rehabilitasi Lahan dan Konservasi Tanah*, Jakarta.
- Hadisusanto, Nugroho. 2010. *Aplikasi Hidrologi*, jogja Mediautama, Yogyakarta
- Indra, zulfikar. 2012. *Analisis Debit Sungai Munte Dengan Metode Mock dan Metode Nreca Untuk Kebutuhan Pembangkit Listrik Tenaga Air*, jurnal sipil.
- Limantara, L. M. 2018. *Rekayasa Hidrologi Edisi Revisi*. Bandung : Lubuk Agung.
- Mock, F.J, Land. 1973. *Capability Appraisal Indonesia Water Availability Appraisal*. Bogor : Food And Agriculture Organization Of Te United Nation.
- Ompo, M. I. 2019. *Pengelolaan Daerah Aliran Sungai*. Makassar: LPP Unismuh Makasar.
- Sudirman, Diding. 1999. *Penerapan Metoda Mock untuk Menghitung Debit Andalan di Sub Daerah Pengaliran Sungai Citarum Hulu*, Jurnal Adobe Raider.
- Sutrisno. 2017. *Studi Penerapan Metode F. J. Mock dan Statistik untuk Menghitung Debit Andalan PLTA Bakarum Kabupaten Pinrang*. Makassar : Universitas Muhammadiyah Malang.

Lampiran 1

Data Curah Hujan Harian

2012												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	2,3	-	-	10,8	2,8	7,6	-	-	-	3,7	4,9	6,7
2	-	2,1	-	-	-	2,2	9,8	3,0	6,2	-	3,5	-
3	7,8	0,7	-	-	1,4	1,7	1,2	9,3	0,9	6,0	4,3	7,4
4	-	-	0,6	6,7	-	3,2	1,3	-	20,7	9,4	15,4	7,0
5	-	2,5	-	-	6,0	-	-	1,1	11,7	-	13,2	-
6	2,9	-	1,6	5,2	7,2	1,7	-	1,2	-	10,3	-	8,1
7	4,3	-	-	-	-	-	3,4	-	8,8	-	11,5	-
8	5,5	1,7	9,7	6,4	-	4,0	-	1,7	-	12,6	10,2	-
9	-	6,3	-	-	7,2	3,5	16,9	1,6	17,1	-	-	0,8
10	3,9	-	1,5	12,7	19,5	1,4	-	6,4	11,9	10,0	-	7,7
11	-	2,8	-	-	-	-	2,0	-	-	-	15,1	-
12	-	5,0	1,6	4,5	10,0	11,3	1,5	-	6,4	15,9	17,6	16,4
13	5,5	1,0	-	-	-	-	-	-	-	-	-	2,4
14	8,4	-	-	3,3	11,2	-	-	24,7	11,0	5,9	14,3	-
15	4,1	21,0	1,0	-	-	1,3	-	-	5,8	-	4,5	-
Jumlah curah hujan 1/2 bulan	44,6	43,1	16,0	49,5	65,3	37,9	36,2	49,1	100,4	73,7	114,5	56,4
Jumlah hari hujan 1/2 bulan	9	9	6	7	8	10	7	8	10	8	11	8
16	-	4,4	6,2	-	20,8	-	5,5	4,1	-	7,6	-	4,8
17	5,5	-	8,2	3,2	14,8	3,9	-	1,0	5,2	5,6	15,2	4,8
18	-	1,4	-	19,7	-	3,8	2,2	6,6	-	-	-	-
19	8,4	-	3,5	-	3,6	-	-	-	1,8	16,3	5,3	18,2
20	-	3,4	-	-	10,4	3,5	5,7	2,7	-	11,9	-	-
21	-	5,8	1,8	7,1	-	-	-	15,1	3,5	-	5,8	13,1
22	4,6	-	13,1	6,5	5,0	4,6	-	-	-	7,3	10,3	2,7
23	2,9	2,1	-	2,4	-	-	2,9	-	-	-	11,8	-
24	12,3	-	-	9,4	9,8	-	-	9,0	5,0	4,5	-	2,7
25	1,8	1,0	1,7	-	-	-	1,4	-	3,4	-	26,9	3,2
26	-	9,6	5,2	24,4	8,2	3,0	-	13,3	-	4,8	3,3	4,1
27	-	1,1	-	-	5,2	-	-	-	3,1	9,5	6,1	7,8
28	15,3	-	8,1	9,8	-	1,8	2,5	-	-	-	11,1	-
29	5,0		17,2	-	20,3	5,2	-	2,6	5,0	15,1	-	-
30	-		-	4,0	-	0,8	2,4	5,7	7,4	9,5	12,9	-
31	1,3		2,9		14,8		-	8,1				14,0
Jumlah curah hujan 1/2 bulan	57,1	28,7	68,1	86,5	113,0	26,6	22,6	68,2	34,4	92,1	108,7	75,5
Jumlah hari hujan 1/2 bulan	9	8	10	9	10	8	7	10	8	10	10	10
Jumlah per bulan	101,7	71,8	84,1	136,0	178,3	64,5	58,8	117,2	134,9	165,8	223,2	131,9
Jumlah hari hujan	18	17	16	16	18	18	14	18	18	18	21	18
Hujan max	15,3	21,0	17,2	24,4	20,8	11,3	16,9	24,7	20,7	16,3	26,9	18,2

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2013												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	4,2	0,5	10,3	12,8	-	-	3,0	4,9	21,7	-	6,9	8,7
2	12,0	-	6,7	-	9,5	4,2	-	-	8,2	11,0	5,6	8,4
3	-	-	-	8,2	3,4	3,6	3,2	-	-	-	-	-
4	29,9	-	-	-	-	-	3,3	-	-	11,3	17,4	-
5	-	4,5	10,6	-	7,9	14,4	-	3,2	-	-	15,2	6,3
6	4,9	2,0	-	7,3	9,2	3,6	3,3	-	6,0	12,3	-	-
7	-	0,2	-	-	3,8	-	5,4	3,6	10,9	20,0	-	32,8
8	-	-	11,4	-	7,0	6,0	-	3,7	7,7	-	12,3	6,1
9	-	8,3	12,3	8,6	9,2	-	18,9	3,7	19,1	-	16,9	-
10	-	-	-	-	-	3,3	3,5	8,4	-	12,0	21,7	-
11	5,9	4,8	10,4	13,7	-	-	-	-	7,6	8,0	17,1	25,4
12	-	3,6	-	-	-	13,3	-	4,0	8,4	-	-	-
13	4,0	3,0	3,3	18,4	23,7	-	7,3	-	-	5,2	-	-
14	-	-	-	-	-	18,1	5,9	-	13,0	-	16,4	20,4
15	-	12,1	3,0	9,8	-	-	6,5	7,5	-	14,5	6,5	4,2
Jumlah curah hujan 1/2 bulan	61,0	39,0	68,0	78,8	73,7	66,5	60,4	39,0	102,7	94,3	135,9	112,2
Jumlah hari hujan 1/2 bulan	6	9	8	7	8	8	10	8	9	8	10	8
16	-	-	-	4,8	22,8	7,2	-	6,1	5,4	-	18,1	-
17	-	8,0	10,2	-	-	5,8	4,5	-	7,2	7,6	-	6,8
18	-	-	5,7	-	24,6	5,7	-	-	3,6	-	-	7,0
19	10,4	3,9	-	4,4	5,6	-	-	3,1	-	18,4	-	-
20	6,0	-	-	-	-	5,5	7,7	4,7	-	-	12,3	21,8
21	-	7,8	3,8	-	22,0	3,0	-	17,1	5,5	13,0	7,8	15,2
22	-	8,3	-	8,4	-	-	4,5	6,7	3,0	-	-	-
23	-	-	-	4,5	7,9	13,3	5,0	-	-	4,7	13,7	3,7
24	-	-	7,5	11,3	-	-	-	-	-	6,5	27,3	-
25	3,8	3,0	-	7,4	10,4	-	-	16,7	-	22,0	-	-
26	-	-	7,2	-	-	-	7,4	-	11,6	6,8	5,3	6,1
27	3,0	3,1	-	-	7,3	3,0	-	11,5	-	-	8,2	9,8
28	-	8,0	10,1	11,8	-	-	4,5	14,2	-	12,6	-	-
29	7,0		-	12,4	-	7,2	4,1	-	7,1	-	13,2	11,7
30	3,2		14,8	6,1	5,8	-	-	-	-	11,4	14,9	11,8
31	-		-		16,9		-	10,1		-		-
Jumlah curah hujan 1/2 bulan	33,4	42,1	59,4	71,0	123,2	50,7	37,7	90,1	43,4	102,9	120,8	93,9
Jumlah hari hujan 1/2 bulan	6	7	7	9	9	8	7	9	7	9	9	9
Jumlah per bulan	94,4	81,1	127,4	149,7	196,9	117,1	98,1	129,1	146,1	197,2	256,7	206,1
Jumlah hari hujan	12	16	15	16	17	16	17	17	16	17	19	17
Hujan max	29,9	12,1	14,8	18,4	24,6	18,1	18,9	17,1	21,7	22,0	27,3	32,8

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2014												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	-	-	-	-	3,0	24,5	-	-	-	4,5	-	-
2	-	1,7	3,7	5,1	6,5	0,5	-	-	13,0	6,5	10,0	10,0
3	14,2	-	-	-	-	-	-	-	0,5	3,5	8,0	31,4
4	21,0	2,3	-	7,1	-	0,5	-	-	44,4	26,8	4,7	0,5
5	5,0	-	9,9	3,7	4,9	10,7	-	-	19,3	8,5	0,5	9,5
6	-	3,2	1,2	-	6,2	-	-	-	-	3,7	-	29,7
7	11,0	-	-	-	-	-	1,0	1,0	-	30,2	25,0	-
8	10,0	1,3	8,7	6,6	4,0	-	-	1,0	-	1,2	12,0	1,6
9	39,0	5,3	-	-	-	-	3,0	-	37,5	-	-	-
10	-	2,6	-	14,1	21,6	-	0,5	-	12,1	-	15,0	1,0
11	-	1,8	9,0	-	-	-	-	1,0	1,0	2,0	47,0	-
12	1,0	0,6	-	4,6	10,9	2,9	3,5	1,7	0,5	50,8	-	-
13	-	-	0,3	-	20,7	-	-	11,0	23,2	-	-	-
14	19,7	6,0	-	3,0	-	0,3	-	13,5	9,5	2,5	10,6	-
15	13,5	9,1	-	6,8	18,6	-	-	15,5	3,3	-	-	0,1
Jumlah curah hujan 1/2 bulan	134,4	34,0	32,8	51,0	96,4	39,4	8,0	44,7	164,3	140,2	132,8	83,8
Jumlah hari hujan 1/2 bulan	9	10	6	8	9	6	4	7	11	11	9	8
16	22,0	-	-	-	-	2,5	-	3,7	0,5	10,8	-	8,5
17	-	-	7,2	3,1	16,3	-	1,7	-	-	7,7	2,2	11,5
18	-	0,9	-	22,3	0,5	-	-	11,5	-	0,1	6,5	2,4
19	7,4	0,9	-	-	-	-	-	0,5	-	22,5	9,9	19,2
20	14,8	-	6,8	22,0	-	-	-	-	1,5	36,5	1,0	2,5
21	-	-	-	7,5	-	-	1,5	9,5	-	38,0	3,0	3,5
22	4,6	5,3	14,3	5,4	-	-	-	-	-	0,5	37,0	14,3
23	-	-	-	1,5	6,8	-	-	-	46,7	4,5	9,5	2,5
24	13,3	10,3	4,5	-	-	-	-	-	0,5	-	9,9	5,1
25	-	-	1,4	4,4	17,5	-	-	37,5	14,5	-	1,0	6,0
26	0,6	1,8	-	27,8	-	-	-	45,0	51,0	8,1	3,0	1,0
27	-	-	-	-	3,6	-	4,0	15,5	1,2	36,0	-	1,5
28	16,8	16,2	7,1	8,8	9,3	-	-	3,5	-	12,5	13,5	20,5
29	4,0		-	-	13,9	-	2,5	-	6,0	60,2	1,0	14,7
30	0,2		11,8	3,1	-	-	-	-	44,0	45,0	6,6	-
31	0,8		-		4,2		-	-		14,7		9,9
Jumlah curah hujan 1/2 bulan	84,5	35,5	53,1	105,7	72,1	2,5	9,7	126,7	165,9	297,1	104,1	123,1
Jumlah hari hujan 1/2 bulan	10	6	7	10	8	1	4	8	9	14	13	15
Jumlah per bulan	218,9	69,4	85,9	156,7	168,5	41,9	17,7	171,4	330,2	437,3	236,9	206,9
Jumlah hari hujan	19	16	13	18	17	7	8	15	20	25	22	23
Hujan max	39,0	16,2	14,3	27,8	21,6	24,5	4,0	45,0	51,0	60,2	47,0	31,4

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2015												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	7,4	-	-	14,1	4,4	-	-	-	21,9	0,9	0,5	11,9
2	-	8,4	-	6,7	1,3	-	-	16,5	10,2	12,7	-	-
3	12,6	-	-	-	-	2,5	-	42,5	-	29,0	2,4	2,9
4	-	-	-	-	1,2	4,4	1,5	1,0	4,9	13,7	47,9	0,5
5	-	8,4	-	-	-	-	-	-	2,3	-	32,5	5,0
6	9,6	0,1	-	-	17,6	1,5	-	3,6	0,5	14,9	28,1	12,0
7	10,2	-	-	1,0	2,2	2,5	8,3	-	13,1	12,0	21,0	32,4
8	11,6	-	-	-	13,5	4,6	0,5	-	3,0	13,8	25,7	1,0
9	38,5	2,5	4,4	-	24,5	12,0	-	-	5,0	11,5	6,0	-
10	19,5	-	6,5	-	110,0	1,0	0,5	1,5	1,1	45,7	1,0	15,6
11	0,3	-	13,2	9,5	1,5	1,0	2,8	21,9	-	2,7	10,2	43,0
12	2,5	-	-	-	8,1	16,4	-	-	33,0	40,6	57,4	67,0
13	-	-	-	75,7	34,6	75,5	2,9	2,3	-	2,8	13,9	-
14	20,8	-	-	2,5	1,4	14,7	6,0	52,2	14,1	0,1	8,3	-
15	13,0	1,5	-	25,5	17,5	-	20,7	-	-	40,1	11,2	-
Jumlah curah hujan 1/2 bulan	146,0	20,9	24,1	135,0	237,8	136,1	43,2	141,5	109,1	240,5	266,1	191,3
Jumlah hari hujan 1/2 bulan	11	5	3	7	13	11	8	8	11	14	14	10
16	21,4	30,0	-	4,4	7,5	-	-	2,3	-	12,8	4,5	-
17	-	3,0	-	8,8	42,0	-	-	2,0	3,3	4,5	-	-
18	-	3,1	-	91,5	0,5	-	-	0,5	-	33,6	-	-
19	2,5	3,5	-	8,5	-	-	-	-	8,5	82,5	1,2	3,5
20	-	-	-	108,0	-	-	2,2	8,4	-	38,8	50,0	12,5
21	-	-	-	1,1	52,5	-	2,3	20,9	2,4	5,9	-	-
22	-	-	50,5	21,6	5,5	-	-	-	-	40,4	1,2	-
23	-	-	-	-	2,5	-	-	0,5	23,4	1,9	3,2	-
24	-	-	17,5	26,8	-	-	-	-	5,5	10,5	29,4	7,5
25	-	-	-	-	11,5	-	3,3	0,5	-	49,5	22,1	1,0
26	-	-	-	-	12,5	-	31,0	-	-	5,0	-	-
27	-	-	23,8	5,5	-	-	-	-	-	5,9	-	31,5
28	0,1	-	4,5	-	-	-	3,5	3,5	17,0	-	-	-
29	-		-	7,6	-	-	0,2	15,0	-	2,1	27,5	5,9
30	-		5,2	1,9	8,0	-	4,9	-	-	-	8,5	4,0
31	4,1		3,9		5,5		-	4,6		-		-
Jumlah curah hujan 1/2 bulan	28,1	39,6	105,4	285,7	148,0	-	47,4	58,2	60,1	293,4	147,6	65,9
Jumlah hari hujan 1/2 bulan	4	4	6	11	10	0	7	10	6	13	9	7
Jumlah per bulan	174,1	60,5	129,5	420,7	385,8	136,1	90,6	199,7	169,2	533,9	413,7	257,2
Jumlah hari hujan	15	9	9	18	23	11	15	18	17	27	23	17
Hujan max	38,5	30,0	50,5	108,0	110,0	75,5	31,0	52,2	33,0	82,5	57,4	67,0

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2016												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	-	-	-	6,5	1,5	-	-	13,2	-	-	5,6	-
2	-	-	-	-	-	-	-	-	5,4	-	1,3	-
3	-	-	-	6,5	-	-	-	-	-	-	9,3	3,1
4	-	-	-	-	-	-	-	-	35,2	-	21,0	4,7
5	-	-	-	3,5	-	-	-	-	40,9	-	34,5	-
6	-	21,5	-	9,0	-	-	-	-	1,0	-	-	3,5
7	-	-	-	-	-	-	-	-	4,9	3,9	5,1	0,1
8	-	-	-	-	-	-	0,7	-	1,5	0,5	6,4	1,0
9	-	21,0	-	-	5,9	-	-	-	7,9	-	-	1,0
10	-	14,2	-	-	2,0	-	1,5	-	-	-	11,0	6,1
11	-	1,2	-	26,5	1,0	-	-	-	-	-	2,6	3,4
12	7,0	3,6	-	1,0	-	-	-	-	-	3,5	0,5	-
13	-	-	-	-	-	30,8	-	-	-	-	-	12,5
14	-	-	-	-	1,5	43,4	10,5	-	-	-	5,8	3,0
15	-	-	-	-	68,3	1,4	-	-	-	3,5	-	1,1
Jumlah curah hujan 1/2 bulan	7,0	61,5	-	53,0	80,2	75,6	12,7	13,2	96,8	11,4	103,1	39,5
Jumlah hari hujan 1/2 bulan	1	5	0	6	6	3	3	1	7	4	11	11
16	9,5	-	27,4	-	59,1	-	8,6	-	-	-	2,5	1,0
17	34,5	6,6	-	-	0,5	9,5	8,8	-	-	15,9	28,0	1,9
18	10,8	-	-	4,5	-	-	5,5	2,5	-	9,4	41,4	-
19	30,9	-	-	-	2,5	-	0,1	-	-	2,5	1,8	-
20	1,0	1,0	-	-	8,4	13,9	-	-	-	1,4	2,5	24,5
21	-	-	-	-	-	0,1	13,4	-	-	3,5	3,5	10,0
22	-	0,1	34,3	-	12,0	-	-	-	-	-	-	-
23	17,0	-	-	-	-	-	-	-	-	-	11,0	0,5
24	37,0	-	-	-	-	-	27,7	3,5	-	7,4	5,0	-
25	-	-	-	12,3	1,0	-	1,0	7,5	-	-	-	-
26	-	-	-	34,8	17,9	-	-	7,9	-	5,4	-	-
27	-	-	-	-	3,6	-	-	-	-	1,0	-	-
28	36,5	-	6,0	-	-	-	-	-	-	11,5	62,1	65,5
29	4,5							1,0	-	-	1,0	-
30	1,5		7,9	10,5	4,9	-	-	1,0	-	-	10,9	22,5
31	-				0,1			5,4		36,5		-
Jumlah curah hujan 1/2 bulan	183,2	7,7	75,6	62,1	110,0	23,5	65,1	28,8	-	94,5	169,7	125,9
Jumlah hari hujan 1/2 bulan	10	3	4	4	10	3	7	7	0	10	11	7
Jumlah per bulan	190,2	69,2	75,6	115,1	190,2	99,1	77,8	42,0	96,8	105,9	272,8	165,4
Jumlah hari hujan	12	9	4	10	16	7	11	8	7	14	22	18
Hujan max	37,0	21,5	34,3	34,8	68,3	43,4	27,7	13,2	40,9	36,5	62,1	65,5

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2017												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	-	-	-	-	-	-	-	-	-	-	14,0	4,0
2	1,0	-	-	-	9,0	-	13,3	-	-	1,0	4,0	12,5
3	-	-	-	21,0	2,5	-	-	-	-	-	-	-
4	37,0	-	-	3,0	-	-	-	1,1	73,7	-	4,5	33,5
5	10,5	-	65,2	1,0	5,4	-	1,5	1,0	13,5	-	-	2,0
6	1,5	1,0	6,9	2,0	-	-	-	1,5	19,5	28,5	21,4	-
7	8,1	0,5	9,0	2,5	-	-	3,2	-	15,0	1,0	24,1	-
8	-	-	-	6,5	-	12,1	-	2,0	9,9	-	9,5	-
9	24,1	-	-	25,5	-	8,0	-	1,5	15,3	15,4	20,0	-
10	-	-	-	68,0	6,3	-	1,0	0,1	-	13,0	-	-
11	-	-	-	28,0	32,5	-	4,0	58,5	24,9	4,5	11,0	-
12	-	-	-	11,0	33,5	18,0	2,0	2,5	4,5	-	-	-
13	5,9	-	-	29,3	4,3	28,5	-	1,5	20,5	-	3,4	-
14	0,5	-	-	6,5	-	17,1	4,0	74,7	-	1,5	1,0	-
15	-	-	-	15,1	1,0	-	-	7,1	21,2	-	4,0	-
Jumlah curah hujan 1/2 bulan	88,6	1,5	81,1	219,4	94,5	83,7	29,0	151,5	218,0	64,9	116,9	52,0
Jumlah hari hujan 1/2 bulan	8	2	3	13	8	5	7	11	10	7	11	4
16	37,5	-	-	0,5	0,1	-	-	12,5	6,5	-	1,4	-
17	-	-	16,0	2,0	-	-	-	-	-	-	2,2	-
18	10,0	-	3,4	15,5	1,0	12,3	-	2,8	-	-	2,4	2,4
19	11,2	-	0,6	1,0	0,1	-	-	-	-	-	-	3,4
20	12,0	15,0	22,5	23,0	2,1	-	-	-	-	-	1,2	2,0
21	17,2	28,5	-	30,4	2,0	-	-	-	10,6	-	-	50,4
22	-	-	-	-	0,1	-	-	1,2	-	-	31,2	0,1
23	1,5	-	-	2,5	0,1	2,5	-	-	-	-	27,5	-
24	42,0	51,4	-	-	-	-	-	-	-	-	23,7	-
25	1,5	-	-	8,0	1,0	23,4	-	-	-	11,0	24,4	-
26	3,0	5,7	-	4,0	1,5	17,0	-	-	-	1,0	-	5,3
27	-	1,0	4,0	2,5	-	-	-	-	2,0	-	3,5	-
28	-	1,2	17,5	-	-	-	-	71,5	-	27,0	5,0	2,0
29	-		42,5	11,5	-	29,7	-	-	18,4	-	11,0	23,5
30	-		1,0	0,5	-	1,0	-	26,0	-	1,0	6,5	-
31	-		13,3		56,0		-	-		28,0		-
Jumlah curah hujan 1/2 bulan	135,9	102,8	120,8	101,4	64,0	85,9	-	114,0	37,5	68,0	140,0	89,1
Jumlah hari hujan 1/2 bulan	9	6	9	12	10	6	0	5	4	5	12	8
Jumlah per bulan	224,5	104,3	201,9	320,8	158,5	169,6	29,0	265,5	255,5	132,9	256,9	141,1
Jumlah hari hujan	17	8	12	25	18	11	7	16	14	12	23	12
Hujan max	42,0	51,4	65,2	68,0	56,0	29,7	13,3	74,7	73,7	28,5	31,2	50,4

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2018												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	-	-	27,5	13,5	-	-	-	-	26,0	9,5	-	10,5
2	20,0	-	4,5	3,5	7,5	-	48,0	-	-	2,0	-	-
3	31,0	-	10,5	3,5	-	-	-	-	-	-	4,5	6,0
4	52,0	-	-	-	3,5	-	-	-	-	-	-	-
5	-	0,5	3,8	3,5	4,7	-	-	-	-	-	18,0	-
6	-	-	-	20,5	-	-	-	-	-	4,5	1,0	6,0
7	-	-	11,5	1,5	-	-	-	3,5	-	7,0	1,0	140,0
8	-	-	3,5	-	6,4	-	-	1,2	-	11,0	-	15,0
9	18,5	-	-	-	-	-	1,5	-	-	12,0	19,1	-
10	-	-	-	2,4	0,5	-	-	31,0	28,5	-	82,5	34,0
11	-	-	-	-	8,9	-	-	24,0	1,0	-	-	93,5
12	-	-	-	-	11,5	-	-	-	-	7,1	17,8	13,5
13	-	-	-	-	-	-	-	-	15,5	5,0	22,5	-
14	-	-	-	-	40,0	-	-	-	33,5	-	43,0	32,0
15	-	15,0	-	-	3,1	-	-	-	5,5	21,0	5,5	-
Jumlah curah hujan 1/2 bulan	121,5	15,5	61,3	48,4	86,1	-	49,5	59,7	110,0	79,1	214,9	350,5
Jumlah hari hujan 1/2 bulan	4	2	6	7	9	0	2	4	6	9	10	9
16	7,5	-	17,5	-	25,1	-	-	-	-	17,5	2,6	-
17	-	-	-	-	6,0	-	-	-	22,0	1,5	84,5	2,0
18	16,5	-	-	-	18,5	-	-	-	4,0	-	-	-
19	-	1,0	5,4	-	9,2	-	-	-	-	-	1,5	27,5
20	-	7,0	-	16,0	-	-	-	-	-	1,0	-	88,5
21	-	-	-	13,2	56,0	-	-	-	2,0	-	22,5	9,0
22	27,5	23,0	1,0	-	-	23,0	-	-	-	-	8,4	-
23	-	10,5	-	6,3	-	-	1,9	-	-	4,0	2,5	-
24	-	-	-	-	18,5	-	-	-	20,0	-	53,5	-
25	3,0	-	-	1,5	8,5	36,5	-	-	4,6	83,0	-	-
26	-	7,0	-	32,5	4,5	2,0	-	-	2,4	-	4,4	2,5
27	-	-	-	4,0	-	-	5,0	-	16,8	12,5	8,9	1,0
28	23,5	54,5	-	-	1,0	8,5	-	-	-	-	3,0	-
29	-		5,9	-	46,5	-	-	-	-	22,5	16,0	-
30	-		28,5	-	1,0	-	8,0	-	-	-	10,5	-
31	-		-		2,0		4,8	-		-		-
Jumlah curah hujan 1/2 bulan	78,0	103,0	58,3	73,5	196,8	70,0	19,7	-	71,8	142,0	218,3	130,5
Jumlah hari hujan 1/2 bulan	5	6	5	6	12	4	4	0	7	7	12	6
Jumlah per bulan	199,5	118,5	119,6	121,9	282,9	70,0	69,2	59,7	181,8	221,1	433,2	481,0
Jumlah hari hujan	9	8	11	13	21	4	6	4	13	16	22	15
Hujan max	52,0	54,5	28,5	32,5	56,0	36,5	48,0	31,0	33,5	83,0	84,5	140,0

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2019												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	-	-	23,5	43,0	-	-	-	-	-	-	7,5	-
2	48,0	2,0	2,0	-	14,9	-	-	-	2,7	4,5	-	15,0
3	-	-	-	-	-	-	-	-	1,0	10,9	-	2,9
4	-	13,5	-	32,5	-	-	-	-	1,5	9,5	8,5	4,4
5	-	-	-	10,5	-	-	-	-	-	-	-	-
6	-	-	-	-	6,9	-	-	-	-	-	6,0	-
7	-	-	-	-	-	-	-	-	-	33,9	-	-
8	13,5	-	12,5	28,0	-	-	1,5	-	-	7,6	2,0	-
9	-	-	-	-	6,5	-	71,0	3,1	-	39,0	-	-
10	-	-	-	-	-	-	0,1	-	-	4,2	-	-
11	-	9,6	-	-	-	-	6,0	-	1,5	15,7	5,9	22,0
12	-	-	8,0	-	-	-	-	2,5	-	-	54,4	11,7
13	-	-	1,5	-	-	-	1,5	-	4,1	-	17,9	-
14	-	-	-	-	-	-	-	-	-	31,0	11,5	-
15	-	38,0	-	-	3,0	-	-	9,1	-	4,5	-	-
Jumlah curah hujan 1/2 bulan	61,5	63,1	47,5	114,0	31,3	-	80,1	14,7	10,8	160,8	113,7	56,0
Jumlah hari hujan 1/2 bulan	2	4	5	4	4	0	5	3	5	10	8	5
16	-	-	-	9,5	27,0	-	-	-	9,1	7,0	-	12,0
17	-	-	-	-	1,5	-	-	-	-	2,5	-	4,5
18	-	-	-	-	-	1,0	5,3	-	-	4,0	69,0	3,5
19	-	-	3,8	-	-	-	-	-	-	-	18,0	49,0
20	-	-	18,5	-	61,0	1,0	-	-	-	-	1,0	1,5
21	26,1	-	4,9	-	3,6	-	-	54,0	-	22,5	-	-
22	-	3,5	-	-	13,5	-	5,6	8,9	-	1,2	-	-
23	-	-	-	-	20,0	21,0	10,4	10,4	0,2	-	-	1,0
24	-	-	-	-	28,1	-	27,5	36,5	-	3,0	-	-
25	-	-	-	-	6,0	-	1,0	-	-	21,5	58,0	-
26	-	-	1,0	40,5	-	-	-	7,2	7,0	-	8,9	6,7
27	-	-	19,0	31,5	14,5	-	-	27,1	-	-	-	-
28	35,0	38,5	7,4	-	50,8	-	-	-	-	5,6	-	-
29	2,5		20,0	5,5	10,5	-	4,9	-	-	-	4,5	-
30	-		4,5	-	-	-	1,5	3,0	5,2	4,6	-	-
31	-		-		2,0		-	-		69,0		40,5
Jumlah curah hujan 1/2 bulan	63,6	42,0	79,1	87,0	238,5	23,0	56,2	147,1	21,5	140,9	159,4	118,7
Jumlah hari hujan 1/2 bulan	3	2	8	4	12	3	7	7	4	10	6	8
Jumlah per bulan	125,1	105,1	126,6	201,0	269,8	23,0	136,3	161,8	32,3	301,7	273,1	174,7
Jumlah hari hujan	5	6	13	8	16	3	12	10	9	20	14	13
Hujan max	48,0	38,5	23,5	43,0	61,0	21,0	71,0	54,0	9,1	69,0	69,0	49,0

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2020												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	-	-	-	-	-	24,5	-	-	27,0	-	-	2,0
2	-	-	10,5	16,5	-	5,5	2,0	-	-	21,0	-	-
3	-	1,0	-	-	-	-	1,5	27,0	-	-	-	-
4	-	-	-	-	72,2	10,8	-	-	21,0	-	1,0	-
5	-	-	-	-	9,4	35,0	-	-	-	22,1	-	-
6	-	-	-	3,0	4,6	1,5	2,2	-	-	13,5	-	-
7	-	2,9	-	45,5	-	-	1,8	-	22,1	31,0	7,8	36,0
8	-	-	-	3,0	-	1,5	6,0	-	13,5	48,5	-	-
9	-	-	70,2	10,5	-	-	36,0	-	31,0	4,0	-	-
10	-	1,6	-	-	-	-	-	-	48,5	-	52,0	-
11	-	-	32,0	-	57,0	-	-	-	4,0	-	2,9	17,5
12	-	-	1,0	-	1,5	14,0	-	-	-	3,0	8,0	-
13	18,5	-	-	-	44,0	-	26,0	-	-	5,5	5,6	-
14	-	30,2	-	1,0	41,5	-	-	-	3,0	1,0	-	52,0
15	-	-	-	-	-	2,5	-	-	5,5	-	-	6,0
Jumlah curah hujan 1/2 bulan	18,5	35,7	113,7	79,5	230,2	95,3	75,5	27,0	175,6	149,6	77,3	113,5
Jumlah hari hujan 1/2 bulan	1	4	4	6	7	8	7	1	9	9	6	5
16	-	-	-	-	-	22,5	15,0	-	1,0	-	79,5	8,0
17	-	20,5	-	1,5	-	7,5	-	-	-	-	-	3,0
18	-	1,6	-	-	137,5	-	-	24,0	-	-	-	20,0
19	-	-	-	-	4,0	3,1	-	-	-	-	-	-
20	1,5	2,1	-	6,9	6,5	-	26,2	-	-	-	-	-
21	11,5	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	4,7	4,6	12,0	-	4,9	-	-
23	-	-	34,0	-	-	38,0	3,8	-	-	-	-	-
24	1,0	-	-	23,2	-	-	26,1	27,0	4,9	-	-	-
25	-	-	-	-	-	1,2	-	23,0	-	-	75,0	-
26	-	-	24,3	-	10,2	-	-	27,0	-	3,0	-	-
27	-	-	-	95,5	-	-	61,0	-	-	5,5	18,5	-
28	-	3,0	-	38,8	-	-	5,5	-	-	1,0	-	5,5
29	17,0	-	-	33,0	67,0	-	-	-	-	-	-	8,0
30	-	-	24,3	3,0	-	-	-	-	4,9	-	28,5	-
31	-	-	-	-	-	-	1,5	32,5	-	-	-	-
Jumlah curah hujan 1/2 bulan	31,0	27,2	82,6	201,9	225,2	77,0	143,7	145,5	10,8	14,4	201,5	44,5
Jumlah hari hujan 1/2 bulan	4	4	3	7	5	6	8	6	3	4	4	5
Jumlah per bulan	49,5	62,9	196,3	281,4	455,4	172,3	219,2	172,5	186,4	164,0	278,8	158,0
Jumlah hari hujan	5	8	7	13	12	14	15	7	12	13	10	10
Hujan max	18,5	30,2	70,2	95,5	137,5	38,0	61,0	32,5	48,5	48,5	79,5	52,0

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2021												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	-	-	-	1,5	-	-	-	-	18,7	3,7	-	5,7
2	-	-	9,0	4,0	-	1,2	10,6	2,8	-	8,0	2,6	-
3	-	-	-	-	-	0,6	-	-	0,3	-	4,2	7,7
4	78,5	-	-	-	-	-	0,3	0,4	-	-	14,4	7,3
5	33,3	-	-	-	-	11,4	0,3	0,2	12,7	5,1	-	3,3
6	2,5	-	-	-	2,0	-	-	-	-	-	10,7	8,5
7	-	-	-	-	3,5	0,6	-	-	-	17,0	-	-
8	3,7	5,1	27,5	2,0	-	3,0	1,5	0,7	4,7	13,8	9,3	3,1
9	28,0	8,5	-	3,5	-	3,3	15,9	-	16,1	-	-	0,2
10	-	-	-	-	11,0	0,3	0,5	5,4	-	-	18,7	-
11	20,0	-	-	-	8,2	-	-	-	4,6	5,0	14,1	-
12	13,5	-	-	11,0	-	10,3	1,1	-	-	17,5	-	18,4
13	6,0	-	-	18,0	-	-	4,3	2,5	-	2,2	11,5	2,1
14	21,5	-	-	8,2	-	15,1	-	28,1	10,0	6,0	13,4	17,4
15	1,5	-	-	-	-	0,8	3,5	-	5,9	11,5	-	1,2
Jumlah curah hujan 1/2 bulan	208,5	13,6	36,5	48,2	24,7	46,6	37,9	39,9	73,0	89,8	98,9	74,9
Jumlah hari hujan 1/2 bulan	10	2	2	7	4	10	9	7	8	10	9	11
16	12,5	-	-	-	-	4,2	5,9	3,1	-	8,0	15,1	-
17	-	0,5	27,1	-	47,7	-	-	-	4,2	-	-	3,8
18	14,6	-	15,5	-	14,5	-	1,8	6,9	-	7,9	-	4,0
19	-	-	16,5	-	2,5	0,6	-	0,1	1,4	-	5,4	20,5
20	74,0	-	-	-	-	-	4,7	1,7	0,3	13,0	-	-
21	-	-	-	-	-	0,0	3,4	-	2,5	10,0	4,8	12,2
22	-	-	-	-	-	4,6	-	3,7	-	-	-	2,4
23	2,5	-	-	-	-	10,3	-	2,2	14,1	1,7	10,7	0,7
24	-	-	9,6	-	18,0	-	11,6	-	-	3,5	24,3	-
25	-	-	5,5	-	6,5	10,2	0,9	13,7	3,2	33,0	30,1	3,5
26	-	-	-	27,2	14,0	2,7	-	14,5	-	-	-	3,1
27	-	-	-	16,5	8,1	-	11,7	-	-	10,2	5,2	6,8
28	5,5	-	-	14,0	5,5	1,4	1,5	-	2,4	9,6	-	15,6
29	-		48,0	8,1	-	-	-	-	4,1	17,0	10,2	-
30	-		11,5	5,5	-	0,2	2,1	6,0	-	-	11,9	8,8
31	-		1,0		27,2		-	7,1		24,7		16,8
Jumlah curah hujan 1/2 bulan	109,1	0,5	134,7	71,3	144,0	34,2	43,6	58,9	32,2	138,4	117,7	98,2
Jumlah hari hujan 1/2 bulan	5	1	8	5	9	9	9	10	8	11	9	12
Jumlah per bulan	317,6	14,1	171,2	119,5	168,7	80,8	81,5	98,8	105,2	228,2	216,6	173,1
Jumlah hari hujan	15	3	10	12	13	19	18	17	16	21	18	23
Hujan max	78,5	8,5	48,0	27,2	47,7	15,1	15,9	28,1	18,7	33,0	30,1	20,5

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

Lampiran 2

Data Temperatur

2012												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	22,0	22,0	24,0	24,0	24,0	25,0	26,0	24,0	25,0	23,0	24,0	24,0
2	22,0	23,0	24,0	24,0	24,0	25,0	24,0	24,0	24,0	24,0	22,0	24,0
3	23,0	23,0	24,0	24,0	25,0	26,0	24,0	24,0	24,0	22,0	23,0	24,0
4	25,0	23,0	23,0	25,0	25,0	26,0	27,0	25,0	25,0	22,0	23,0	24,0
5	25,0	24,0	23,0	25,0	25,0	27,0	26,0	25,0	24,0	23,0	23,0	23,0
6	23,0	24,0	23,0	23,0	26,0	26,0	25,0	25,0	24,0	23,0	24,0	23,0
7	23,0	23,0	24,0	23,0	26,0	26,0	25,0	23,0	26,0	21,0	24,0	23,0
8	23,0	23,0	24,0	24,0	25,0	25,0	25,0	23,0	24,0	21,0	24,0	21,0
9	24,0	22,0	24,0	24,0	24,0	25,0	25,0	23,0	24,0	23,0	22,0	22,0
10	24,0	22,0	24,0	25,0	24,0	22,0	24,0	24,0	24,0	23,0	22,0	24,0
11	25,0	24,0	23,0	24,0	24,0	23,0	24,0	22,0	23,0	22,0	22,0	24,0
12	24,0	24,0	24,0	23,0	25,0	24,0	24,0	22,0	23,0	25,0	22,0	24,0
13	24,0	24,0	24,0	23,0	25,0	23,0	24,0	23,0	24,0	25,0	23,0	23,0
14	25,0	23,0	23,0	23,0	25,0	23,0	23,0	23,0	24,0	24,0	23,0	22,0
15	23,0	23,0	23,0	22,0	24,0	24,0	23,0	23,0	24,0	24,0	23,0	23,0
Rata - Rata	23,7	23,1	23,6	23,7	24,7	24,7	24,6	23,5	24,1	23,0	22,9	23,2
16	23,0	24,0	23,0	22,0	24,0	24,0	23,0	22,0	25,0	23,0	23,0	24,0
17	24,0	24,0	23,0	22,0	23,0	24,0	23,0	24,0	25,0	23,0	23,0	24,0
18	24,0	24,0	24,0	22,0	23,0	25,0	22,0	24,0	24,0	23,0	23,0	24,0
19	24,0	23,0	24,0	22,0	23,0	25,0	22,0	25,0	24,0	23,0	23,0	23,0
20	24,0	23,0	25,0	23,0	23,0	26,0	24,0	24,0	25,0	24,0	23,0	23,0
21	24,0	25,0	25,0	23,0	24,0	26,0	24,0	24,0	24,0	24,0	24,0	22,0
22	25,0	25,0	26,0	23,0	24,0	23,0	24,0	25,0	22,0	24,0	24,0	22,0
23	25,0	25,0	26,0	24,0	24,0	23,0	24,0	25,0	22,0	24,0	22,0	22,0
24	25,0	24,0	27,0	24,0	24,0	24,0	23,0	25,0	24,0	24,0	22,0	22,0
25	25,0	24,0	25,0	23,0	25,0	24,0	23,0	23,0	24,0	22,0	24,0	24,0
26	24,0	23,0	25,0	22,0	25,0	23,0	24,0	23,0	22,0	23,0	24,0	24,0
27	24,0	23,0	25,0	22,0	25,0	23,0	24,0	23,0	22,0	23,0	23,0	24,0
28	23,0	23,0	24,0	23,0	24,0	24,0	23,0	22,0	22,0	24,0	23,0	23,0
29	23,0		24,0	23,0	23,0	24,0	23,0	23,0	23,0	22,0	23,0	23,0
30	23,0		24,0	23,0	23,0	25,0	23,0	23,0	23,0	23,0	23,0	23,0
31	22,0		24,0		25,0		23,0	23,0		23,0		21,0
Rata - Rata	23,9	23,8	24,6	22,7	23,9	24,2	23,3	23,6	23,4	23,3	23,1	23,0
Rata - rata per bulan	23,8	23,5	24,1	23,2	24,3	24,4	23,9	23,6	23,8	23,1	23,0	23,1

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2013												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	22,0	22,0	24,0	25,0	24,0	25,0	25,0	26,0	26,0	23,0	24,0	22,0
2	22,0	23,0	24,0	25,0	24,0	25,0	25,0	26,0	26,0	23,0	23,0	24,0
3	22,0	23,0	24,0	25,0	24,0	25,0	25,0	26,0	25,0	24,0	23,0	24,0
4	25,0	23,0	24,0	24,0	25,0	26,0	26,0	25,0	24,0	24,0	23,0	24,0
5	23,0	22,0	23,0	24,0	24,0	26,0	27,0	25,0	23,0	24,0	25,0	23,0
6	23,0	22,0	23,0	24,0	25,0	27,0	24,0	23,0	25,0	22,0	24,0	23,0
7	25,0	22,0	23,0	24,0	25,0	24,0	24,0	23,0	25,0	23,0	23,0	23,0
8	25,0	24,0	23,0	24,0	25,0	24,0	24,0	23,0	24,0	23,0	23,0	23,0
9	25,0	24,0	25,0	24,0	25,0	25,0	23,0	22,0	24,0	22,0	22,0	23,0
10	24,0	23,0	25,0	24,0	26,0	25,0	23,0	22,0	24,0	22,0	23,0	24,0
11	24,0	23,0	24,0	23,0	24,0	25,0	23,0	22,0	23,0	22,0	23,0	24,0
12	24,0	23,0	24,0	23,0	24,0	26,0	22,0	24,0	24,0	24,0	22,0	21,0
13	24,0	23,0	23,0	23,0	24,0	26,0	24,0	24,0	24,0	24,0	25,0	22,0
14	23,0	23,0	23,0	22,0	24,0	26,0	24,0	24,0	24,0	25,0	25,0	22,0
15	23,0	22,0	23,0	23,0	24,0	24,0	24,0	24,0	24,0	25,0	24,0	23,0
Rata - Rata	23,6	22,8	23,7	23,8	24,5	25,3	24,2	23,9	24,3	23,3	23,5	23,0
16	23,0	22,0	25,0	23,0	24,0	24,0	25,0	23,0	25,0	24,0	23,0	24,0
17	23,0	21,0	23,0	23,0	25,0	24,0	25,0	23,0	25,0	24,0	23,0	24,0
18	23,0	23,0	23,0	24,0	25,0	24,0	25,0	23,0	25,0	24,0	23,0	22,0
19	25,0	23,0	23,0	24,0	26,0	23,0	24,0	24,0	24,0	23,0	23,0	21,0
20	24,0	23,0	25,0	25,0	25,0	23,0	24,0	24,0	24,0	23,0	23,0	21,0
21	24,0	23,0	25,0	25,0	25,0	23,0	24,0	22,0	24,0	23,0	22,0	22,0
22	24,0	22,0	25,0	25,0	23,0	23,0	24,0	22,0	25,0	23,0	24,0	23,0
23	25,0	22,0	24,0	25,0	23,0	24,0	23,0	22,0	26,0	22,0	24,0	24,0
24	25,0	21,0	24,0	25,0	23,0	24,0	23,0	25,0	24,0	24,0	24,0	24,0
25	25,0	21,0	24,0	23,0	23,0	24,0	23,0	24,0	24,0	24,0	25,0	24,0
26	23,0	22,0	24,0	23,0	24,0	24,0	24,0	25,0	24,0	24,0	25,0	24,0
27	23,0	22,0	26,0	23,0	24,0	25,0	24,0	26,0	25,0	25,0	24,0	23,0
28	23,0	23,0	26,0	24,0	24,0	25,0	24,0	24,0	25,0	23,0	24,0	23,0
29	24,0		24,0	24,0	22,0	25,0	25,0	24,0	23,0	23,0	24,0	22,0
30	23,0		24,0	24,0	24,0	25,0	25,0	25,0	23,0	24,0	24,0	23,0
31	22,0		25,0		25,0		25,0	25,0		24,0		24,0
Rata - Rata	23,7	22,2	24,4	24,0	24,1	24,0	24,2	23,8	24,4	23,6	23,7	23,0
Rata - rata per bulan	23,6	22,5	24,0	23,9	24,3	24,6	24,2	23,9	24,4	23,4	23,6	23,0

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2014												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	22,0	23,0	24,0	25,0	24,0	23,2	23,5	26,0	25,5	23,5	24,5	23,5
2	22,0	22,0	24,0	26,0	24,0	24,6	24,8	26,0	25,5	23,0	23,5	23,5
3	25,0	22,0	24,0	25,0	25,0	24,4	27,0	25,5	24,8	22,0	23,0	24,0
4	25,0	24,0	24,0	25,0	26,0	23,4	25,8	25,0	23,5	22,0	23,0	21,0
5	24,0	24,0	24,0	24,0	25,0	24,1	25,3	25,0	23,0	21,0	24,0	23,5
6	24,0	24,0	24,0	23,0	26,0	24,9	24,0	24,0	23,5	21,0	25,0	24,0
7	23,0	22,0	25,0	24,0	25,0	25,4	24,3	24,0	23,5	22,0	23,5	22,0
8	25,0	22,0	25,0	25,0	25,0	24,9	24,5	24,0	24,0	22,0	21,0	23,0
9	22,0	24,0	25,0	24,0	24,0	25,1	24,0	24,0	23,0	22,0	21,0	23,5
10	22,0	24,0	26,0	23,0	24,0	25,9	24,5	24,0	23,5	22,0	24,0	24,0
11	23,0	24,0	25,0	25,0	24,0	24,6	24,0	23,5	24,3	24,0	23,0	25,0
12	24,0	23,0	25,0	25,0	24,0	23,6	23,5	23,5	24,5	22,0	24,5	24,5
13	24,0	24,0	24,0	24,0	25,0	24,6	25,0	23,0	24,5	23,0	23,5	25,5
14	25,0	24,0	24,0	25,0	25,0	24,1	24,3	24,0	23,0	22,0	23,5	24,0
15	24,0	24,0	25,0	24,0	24,0	24,9	23,5	24,0	22,8	23,0	23,5	25,0
Rata - Rata	23,6	23,3	24,5	24,5	24,7	24,5	24,5	24,4	23,9	22,3	23,4	23,7
16	24,0	24,0	24,0	22,0	23,0	25,0	24,5	24,5	24,0	24,0	23,0	24,0
17	23,0	23,0	24,0	23,0	23,0	25,8	25,0	24,5	24,0	22,0	23,0	24,0
18	23,0	22,0	24,0	22,0	23,0	24,8	25,8	24,5	24,5	22,0	23,5	23,0
19	23,0	24,0	24,0	22,0	24,0	26,3	25,8	24,0	25,0	22,0	24,5	22,5
20	24,0	24,0	23,0	23,0	25,0	27,5	25,8	25,0	23,5	22,0	24,5	22,5
21	24,0	22,0	24,0	23,0	25,0	26,0	24,5	24,0	23,5	23,5	24,5	22,0
22	24,0	22,0	25,0	24,0	23,0	25,8	25,8	25,0	24,3	23,0	24,0	22,5
23	23,0	24,0	24,0	24,0	22,0	26,5	26,0	23,0	23,5	23,5	24,0	22,5
24	23,0	23,0	22,0	25,0	23,0	25,0	26,0	23,0	22,5	24,5	23,5	24,0
25	22,0	23,0	23,0	25,0	24,0	25,8	25,0	23,0	22,5	25,0	24,0	22,0
26	25,0	23,0	22,0	25,0	24,0	25,5	25,0	22,5	23,0	23,3	24,0	22,0
27	24,0	22,0	24,0	25,0	24,0	25,0	24,3	23,5	22,5	24,0	23,5	23,0
28	24,0	22,0	24,0	24,0	23,0	25,8	24,5	24,0	24,0	23,5	24,5	22,0
29	22,0		24,0	24,0	25,0	25,8	25,3	24,0	25,0	25,0	23,0	23,0
30	21,0		25,0	24,0	27,0	24,8	24,0	25,0	24,5	24,0	23,5	24,0
31	22,0		25,0		24,0		26,0	25,0		24,0		23,0
Rata - Rata	23,2	22,9	23,8	23,7	23,9	25,7	25,2	24,0	23,8	23,5	23,8	22,9
Rata - rata per bulan	23,4	23,1	24,2	24,1	24,3	25,1	24,9	24,2	23,8	22,9	23,6	23,3

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2015												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	22,0	23,0	24,0	23,5	24,0	24,5	25,5	24,0	23,0	23,0	24,0	22,0
2	22,0	22,5	24,0	24,0	24,0	25,0	24,0	24,0	23,0	23,0	23,0	22,0
3	22,0	23,0	24,0	24,0	25,0	25,0	24,0	24,0	24,0	23,5	23,0	24,0
4	24,5	24,0	24,0	24,5	25,5	25,5	24,0	24,5	24,0	24,0	23,0	24,0
5	24,5	23,5	24,0	24,0	25,0	25,0	24,0	25,0	25,0	24,0	23,0	24,0
6	23,0	23,5	24,0	25,0	25,0	24,0	24,0	25,0	25,0	24,0	22,0	23,0
7	23,5	22,0	24,0	25,0	23,0	24,0	24,0	25,0	24,5	24,0	22,0	23,0
8	23,0	22,0	24,0	25,0	24,0	24,5	23,0	25,0	24,5	23,0	23,0	22,0
9	23,0	24,0	24,0	26,0	24,0	25,0	23,0	23,0	23,5	24,0	23,0	22,0
10	22,0	23,5	24,0	25,0	24,0	25,0	23,0	23,0	24,0	23,0	23,0	24,0
11	23,5	23,0	23,0	24,5	24,0	24,0	23,0	22,0	24,5	23,0	23,0	24,0
12	24,0	24,0	24,0	25,0	24,0	23,5	22,0	22,0	23,5	25,0	22,0	23,0
13	25,0	24,0	23,5	24,0	25,0	24,0	22,0	23,0	24,0	24,5	23,0	21,0
14	24,0	23,0	24,0	24,5	24,5	24,0	25,0	24,0	24,0	24,0	23,0	21,0
15	23,5	23,0	24,0	24,0	24,5	23,5	25,0	24,0	24,0	22,0	23,0	23,0
Rata - Rata	23,3	23,2	23,9	24,5	24,4	24,4	23,7	23,8	24,0	23,6	22,9	22,8
16	23,0	24,0	25,5	24,0	24,0	23,5	25,0	23,0	24,0	24,0	23,0	22,0
17	24,0	23,0	25,5	24,0	25,0	23,0	25,0	23,0	24,5	24,0	23,0	22,0
18	24,0	21,5	26,5	24,0	25,0	23,0	24,0	24,0	24,5	24,0	23,0	21,0
19	24,0	23,5	26,5	23,0	25,5	23,0	24,0	22,0	25,0	23,0	23,0	22,0
20	24,0	24,0	25,0	23,5	25,0	23,0	24,0	22,0	25,0	23,0	23,0	22,0
21	24,0	22,0	25,5	24,5	23,0	23,0	24,0	25,0	24,0	22,0	23,0	23,0
22	24,0	22,0	25,0	24,0	23,0	23,0	23,0	24,0	24,0	22,0	24,0	24,0
23	24,5	24,0	25,5	22,0	22,0	23,0	23,0	23,0	24,0	23,0	23,0	24,0
24	24,5	25,0	24,0	23,0	22,0	24,0	23,0	26,0	23,0	22,0	23,0	23,0
25	24,0	25,0	24,0	22,0	23,0	24,0	23,0	26,0	23,0	22,0	23,0	23,0
26	25,0	24,5	25,0	24,0	23,5	24,0	24,0	26,0	22,0	23,0	24,0	24,0
27	24,0	24,0	25,0	24,0	24,0	24,0	24,0	24,0	23,0	23,0	23,0	24,0
28	24,0	24,0	25,0	24,5	24,0	25,0	24,0	24,0	24,0	23,0	24,0	23,0
29	24,0		25,0	23,5	24,0	24,0	24,0	23,5	23,0	23,0	23,0	23,0
30	24,0		24,0	24,5	24,0	24,0	24,0	24,0	23,0	24,0	23,0	23,0
31	23,0		24,0		23,0		24,5	24,0		24,0		21,0
Rata - Rata	24,0	23,6	25,1	23,6	23,8	23,6	23,9	24,0	23,7	23,1	23,2	22,8
Rata - rata per bulan	23,7	23,4	24,5	24,1	24,1	24,0	23,8	23,9	23,9	23,3	23,0	22,8

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2016												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	22,0	23,0	24,0	25,0	24,0	24,0	24,0	22,0	22,0	24,0	24,0	23,0
2	22,0	22,0	25,0	26,0	24,0	25,0	25,0	23,0	22,0	24,0	23,0	22,0
3	24,0	22,0	24,0	25,0	25,0	24,0	24,0	23,0	23,0	24,0	24,0	22,0
4	23,0	23,0	25,0	25,0	25,0	24,0	24,0	24,0	23,0	22,0	23,0	23,0
5	25,0	23,0	26,0	24,0	25,0	25,0	24,0	23,0	23,0	24,0	22,0	23,0
6	25,0	22,0	25,0	24,0	24,0	25,0	25,0	23,0	23,0	23,0	23,0	23,0
7	24,0	22,0	25,0	25,0	23,0	25,0	25,0	23,0	22,0	23,0	24,0	23,0
8	24,0	22,0	24,0	23,0	23,0	25,0	25,0	23,0	22,0	22,0	22,0	21,0
9	24,0	22,0	23,0	23,0	24,0	24,0	24,0	24,0	22,0	22,0	24,0	23,0
10	24,0	23,0	25,0	24,0	24,0	24,0	24,0	24,0	22,0	23,0	23,0	22,0
11	24,0	23,0	25,0	25,0	25,0	24,0	24,0	22,0	23,0	23,0	24,0	22,0
12	24,0	22,0	24,0	23,0	24,0	24,0	24,0	22,0	24,0	24,0	23,0	22,0
13	25,0	22,0	25,0	25,0	24,0	24,0	24,0	23,0	24,0	24,0	23,0	22,0
14	25,0	24,0	26,0	24,0	25,0	24,0	24,0	24,0	24,0	24,0	24,0	22,0
15	24,0	24,0	26,0	25,0	23,0	24,0	23,0	24,0	24,0	23,0	24,0	22,0
Rata - Rata	23,9	22,6	24,8	24,4	24,1	24,3	24,2	23,1	22,9	23,3	23,3	22,3
16	24,0	24,0	24,0	22,0	23,0	22,0	22,0	24,0	24,0	22,0	23,0	23,0
17	24,0	23,0	25,0	23,0	23,0	23,0	24,0	23,0	23,0	23,0	23,0	22,0
18	23,0	22,0	23,0	24,0	24,0	23,0	23,0	23,0	23,0	23,0	24,0	23,0
19	22,0	22,0	22,0	25,0	25,0	23,0	22,0	22,0	23,0	25,0	24,0	23,0
20	23,0	24,0	23,0	25,0	25,0	23,0	22,0	24,0	23,0	22,0	24,0	23,0
21	22,0	23,0	25,0	24,0	23,0	23,0	22,0	24,0	23,0	22,0	23,0	22,0
22	24,0	24,0	24,0	23,0	22,0	23,0	23,0	23,0	24,0	22,0	23,0	23,0
23	24,0	24,0	24,0	23,0	24,0	24,0	22,0	24,0	24,0	22,0	24,0	22,0
24	23,0	24,0	23,0	24,0	24,0	22,0	24,0	23,0	22,0	22,0	23,0	22,0
25	23,0	23,0	23,0	25,0	24,0	22,0	22,0	22,0	23,0	23,0	23,0	23,0
26	23,0	23,0	24,0	23,0	23,0	22,0	20,0	22,0	24,0	23,0	24,0	23,0
27	23,0	23,0	25,0	24,0	23,0	25,0	23,0	22,0	24,0	23,0	24,0	23,0
28	22,0	22,0	26,0	25,0	24,0	24,0	23,0	23,0	24,0	24,0	24,0	23,0
29	22,0		26,0	25,0	22,0	24,0	22,0	24,0	24,0	24,0	23,0	24,0
30	21,0		24,0	24,0	22,0	25,0	22,0	24,0	24,0	24,0	23,0	24,0
31	22,0		25,0		23,0		22,0	22,0		24,0		23,0
Rata - Rata	22,8	23,2	24,1	23,9	23,4	23,2	22,4	23,1	23,5	23,0	23,5	22,9
Rata - rata per bulan	23,4	22,9	24,5	24,2	23,8	23,8	23,3	23,1	23,2	23,1	23,4	22,6

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2017												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	22,0	24,0	23,0	23,0	23,0	24,0	24,0	24,0	23,0	22,0	24,0	21,0
2	22,0	24,0	23,0	24,0	24,0	24,0	24,0	22,0	23,0	23,0	24,0	21,0
3	22,0	24,0	23,0	24,0	24,0	24,0	23,0	24,0	23,0	22,0	24,0	22,0
4	22,0	24,0	23,0	23,0	24,0	24,0	23,0	23,0	23,0	23,0	23,0	22,0
5	22,0	23,0	23,0	23,0	24,0	23,0	23,0	23,0	23,0	24,0	23,0	23,0
6	22,0	23,0	23,0	24,0	24,0	23,0	23,0	24,0	24,0	23,0	23,0	22,0
7	22,0	23,0	23,0	24,0	24,0	23,0	23,0	22,0	23,0	23,0	23,0	23,0
8	22,0	24,0	23,0	24,0	24,0	23,0	23,0	24,0	23,0	23,0	23,0	23,0
9	22,0	24,0	24,0	24,0	23,0	24,0	24,0	24,0	23,0	24,0	22,0	24,0
10	20,0	24,0	25,0	24,0	23,0	24,0	25,0	23,0	23,0	23,0	24,0	24,0
11	21,0	24,0	24,0	24,0	23,0	24,0	22,0	22,0	23,0	23,0	23,0	24,0
12	22,0	23,0	24,0	23,0	23,0	24,0	23,0	22,0	23,0	23,0	22,0	24,0
13	24,0	23,0	25,0	23,0	23,0	23,0	23,0	23,0	24,0	24,0	22,0	24,0
14	24,0	23,0	23,0	23,0	24,0	22,0	23,0	22,0	24,0	23,0	23,0	25,0
15	23,0	22,0	24,0	23,0	24,0	22,0	22,0	22,0	23,0	24,0	23,0	24,0
Rata - Rata	22,1	23,5	23,5	23,5	23,6	23,4	23,2	22,9	23,2	23,1	23,1	23,1
16	23,0	24,0	25,0	24,0	25,0	24,0	22,0	22,0	22,0	24,0	24,0	24,0
17	24,0	24,0	24,0	24,0	25,0	24,0	24,0	22,0	24,0	23,0	23,0	24,0
18	23,0	24,0	25,0	23,0	25,0	24,0	24,0	23,0	24,0	23,0	23,0	24,0
19	22,0	24,0	23,0	24,0	24,0	24,0	23,0	23,0	24,0	23,0	23,0	24,0
20	23,0	24,0	22,0	23,0	25,0	25,0	24,0	24,0	24,0	23,0	23,0	24,0
21	23,0	24,0	22,0	23,0	25,0	25,0	24,0	24,0	23,0	22,0	24,0	24,0
22	23,0	24,0	25,0	23,0	24,0	24,0	25,0	24,0	22,0	23,0	24,0	23,0
23	23,0	24,0	25,0	24,0	24,0	24,0	23,0	24,0	23,0	24,0	24,0	24,0
24	22,0	23,0	25,0	23,0	24,0	24,0	23,0	24,0	23,0	24,0	23,0	24,0
25	22,0	23,0	23,0	23,0	24,0	23,0	24,0	24,0	23,0	24,0	24,0	23,0
26	22,0	22,0	23,0	23,0	24,0	23,0	24,0	24,0	22,0	24,0	23,0	23,0
27	23,0	22,0	23,0	23,0	24,0	23,0	24,0	23,0	23,0	24,0	22,0	23,0
28	23,0	23,0	23,0	22,0	25,0	24,0	24,0	23,0	23,0	23,0	21,0	24,0
29	23,0		24,0	23,0	25,0	24,0	24,0	24,0	22,0	24,0	21,0	22,0
30	23,0		23,0	23,0	25,0	24,0	24,0	23,0	22,0	24,0	21,0	22,0
31	24,0		23,0		24,0		24,0	23,0		24,0		22,0
Rata - Rata	22,9	23,5	23,6	23,2	24,5	23,9	23,8	23,4	22,9	23,5	22,9	23,4
Rata - rata per bulan	22,5	23,5	23,6	23,4	24,1	23,7	23,5	23,2	23,1	23,3	23,0	23,2

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2018												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	22,0	24,0	23,0	23,0	25,0	24,0	23,0	23,0	24,0	24,0	24,0	22,0
2	23,0	24,0	24,0	24,0	25,0	24,0	23,0	23,0	24,0	24,0	24,0	22,0
3	23,0	23,0	24,0	24,0	24,0	24,0	23,0	23,0	23,0	24,0	23,0	22,0
4	22,0	23,0	24,0	24,0	24,0	24,0	22,0	23,0	23,0	24,0	24,0	23,0
5	23,0	23,0	24,0	24,0	24,0	23,0	23,0	23,0	22,0	24,0	24,0	23,0
6	22,0	24,0	23,0	24,0	24,0	22,0	23,0	23,0	23,0	23,0	23,0	23,0
7	22,0	24,0	23,0	24,0	25,0	23,0	23,0	23,0	24,0	23,0	23,0	20,0
8	24,0	24,0	23,0	24,0	25,0	24,0	24,0	22,0	23,0	23,0	23,0	23,0
9	22,0	23,0	23,0	24,0	25,0	24,0	24,0	22,0	23,0	23,0	23,0	24,0
10	23,0	24,0	23,0	21,0	24,0	24,0	22,0	22,0	23,0	22,0	23,0	24,0
11	22,0	23,0	23,0	24,0	25,0	24,0	22,0	22,0	22,0	22,0	23,0	22,0
12	22,0	23,0	23,0	25,0	25,0	24,0	22,0	23,0	23,0	23,0	23,0	22,0
13	22,0	22,0	23,0	25,0	25,0	24,0	24,0	23,0	22,0	22,0	24,0	23,0
14	22,0	24,0	23,0	25,0	25,0	23,0	23,0	23,0	23,0	23,0	23,0	22,0
15	22,0	24,0	25,0	24,0	24,0	23,0	23,0	23,0	23,0	23,0	22,0	22,0
Rata - Rata	22,4	23,5	23,4	23,9	24,6	23,6	22,9	22,7	23,0	23,1	23,3	22,5
16	22,0	24,0	24,0	23,0	24,0	23,0	23,0	24,0	22,0	22,0	23,0	22,0
17	22,0	24,0	23,0	23,0	24,0	23,0	24,0	24,0	22,0	22,0	22,0	21,0
18	23,0	24,0	23,0	24,0	24,0	22,0	23,0	24,0	22,0	22,0	22,0	23,0
19	22,0	24,0	23,0	24,0	22,0	22,0	23,0	24,0	22,0	23,0	24,0	23,0
20	22,0	24,0	25,0	24,0	22,0	22,0	23,0	24,0	24,0	23,0	24,0	23,0
21	22,0	25,0	24,0	23,0	24,0	23,0	24,0	23,0	24,0	23,0	22,0	23,0
22	22,0	24,0	24,0	23,0	25,0	23,0	24,0	23,0	23,0	24,0	22,0	22,0
23	23,0	23,0	24,0	24,0	24,0	23,0	25,0	24,0	22,0	24,0	22,0	22,0
24	20,0	23,0	24,0	24,0	24,0	23,0	24,0	24,0	21,0	23,0	22,0	24,0
25	24,0	23,0	24,0	24,0	23,0	23,0	25,0	23,0	22,0	23,0	23,0	23,0
26	23,0	24,0	24,0	21,0	24,0	22,0	24,0	23,0	22,0	23,0	23,0	23,0
27	23,0	24,0	24,0	22,0	24,0	23,0	24,0	23,0	21,0	23,0	23,0	23,0
28	23,0	24,0	22,0	24,0	24,0	24,0	24,0	23,0	23,0	23,0	24,0	26,0
29	23,0		25,0	24,0	23,0	24,0	24,0	23,0	23,0	23,0	23,0	25,0
30	24,0		24,0	25,0	23,0	24,0	24,0	23,0	23,0	23,0	22,0	25,0
31	24,0		23,0		23,0		24,0	23,0		23,0		24,0
Rata - Rata	22,6	23,8	23,8	23,5	23,6	22,9	23,9	23,4	22,4	22,9	22,7	23,3
Rata - rata per bulan	22,5	23,7	23,6	23,7	24,1	23,3	23,4	23,1	22,7	23,0	23,0	22,9

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2019												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	22,0	23,0	23,0	23,0	24,0	24,0	23,0	24,0	22,0	23,0	23,0	22,0
2	22,0	22,0	22,0	22,0	24,0	23,0	23,0	24,0	23,0	22,0	23,0	23,0
3	21,0	23,0	23,0	23,0	26,0	22,0	24,0	24,0	24,0	22,0	23,0	23,0
4	21,0	23,0	23,0	23,0	25,0	22,0	23,0	24,0	24,0	22,0	22,0	23,0
5	22,0	23,0	24,0	23,0	24,0	22,0	23,0	24,0	24,0	23,0	23,0	20,0
6	23,0	23,0	23,0	22,0	24,0	23,0	23,0	23,0	24,0	23,0	23,0	20,0
7	24,0	23,0	24,0	24,0	24,0	22,0	25,0	23,0	23,0	22,0	23,0	21,0
8	24,0	23,0	23,0	25,0	25,0	23,0	25,0	25,0	23,0	22,0	22,0	21,0
9	24,0	22,0	24,0	24,0	24,0	23,0	23,0	25,0	24,0	22,0	22,0	23,0
10	24,0	22,0	24,0	24,0	24,0	22,0	24,0	25,0	23,0	22,0	24,0	23,0
11	24,0	23,0	23,0	24,0	24,0	23,0	23,0	23,0	23,0	22,0	24,0	23,0
12	24,0	21,0	23,0	25,0	24,0	24,0	23,0	23,0	23,0	24,0	23,0	22,0
13	24,0	20,0	23,0	25,0	24,0	25,0	23,0	23,0	23,0	24,0	23,0	22,0
14	24,0	22,0	24,0	25,0	25,0	25,0	23,0	23,0	22,0	23,0	23,0	22,0
15	24,0	23,0	23,0	23,0	25,0	24,0	25,0	23,0	22,0	20,0	23,0	22,0
Rata - Rata	23,1	22,4	23,3	23,7	24,4	23,1	23,5	23,7	23,1	22,4	22,9	22,0
16	23,0	23,0	23,0	23,0	24,0	25,0	24,0	24,0	23,0	22,0	23,0	22,0
17	23,0	22,0	23,0	23,0	24,0	25,0	24,0	24,0	24,0	22,0	23,0	22,0
18	23,0	21,0	23,0	23,0	25,0	25,0	24,0	24,0	23,0	23,0	23,0	22,0
19	23,0	20,0	24,0	25,0	25,0	24,0	24,0	24,0	25,0	23,0	22,0	22,0
20	23,0	24,0	24,0	24,0	24,0	23,0	24,0	25,0	24,0	23,0	20,0	23,0
21	23,0	20,0	24,0	24,0	24,0	24,0	22,0	24,0	22,0	22,0	20,0	23,0
22	22,0	23,0	23,0	25,0	24,0	24,0	22,0	23,0	22,0	23,0	25,0	22,0
23	22,0	22,0	24,0	25,0	24,0	24,0	21,0	24,0	22,0	22,0	22,0	22,0
24	24,0	23,0	24,0	25,0	23,0	24,0	22,0	23,0	22,0	21,0	23,0	22,0
25	24,0	22,0	24,0	25,0	24,0	24,0	23,0	23,0	22,0	22,0	24,0	24,0
26	22,0	24,0	24,0	24,0	25,0	23,0	23,0	23,0	23,0	23,0	23,0	24,0
27	23,0	24,0	24,0	24,0	25,0	25,0	23,0	23,0	22,0	23,0	23,0	23,0
28	22,0	24,0	24,0	25,0	24,0	24,0	24,0	23,0	23,0	22,0	21,0	23,0
29	23,0		24,0	25,0	23,0	24,0	24,0	21,0	23,0	22,0	23,0	23,0
30	23,0		24,0	25,0	23,0	25,0	24,0	22,0	23,0	22,0	22,0	23,0
31	24,0		24,0		24,0		25,0	22,0		22,0		23,0
Rata - Rata	22,9	22,5	23,8	24,3	24,1	24,2	23,3	23,3	22,9	22,3	22,5	22,7
Rata - rata per bulan	23,0	22,4	23,5	24,0	24,2	23,7	23,4	23,5	23,0	22,4	22,7	22,3

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2020												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	22,0	22,0	25,0	25,0	23,0	24,0	24,0	24,0	23,0	23,0	23,0	23,0
2	22,0	23,0	25,0	25,0	23,0	24,0	24,0	23,0	23,0	22,0	23,0	23,0
3	22,0	24,0	24,0	25,0	23,0	24,0	23,0	23,0	23,0	22,0	23,0	23,0
4	23,0	22,0	24,0	25,0	24,0	24,0	24,0	23,0	22,0	23,0	23,0	23,0
5	23,0	22,0	25,0	25,0	24,0	24,0	24,0	24,0	22,0	23,0	24,0	23,0
6	24,0	24,0	25,0	25,0	24,0	24,0	23,0	24,0	22,0	23,0	24,0	23,0
7	23,0	24,0	25,0	23,0	24,0	23,0	23,0	25,0	23,0	22,0	23,0	23,0
8	22,0	24,0	24,0	24,0	24,0	23,0	24,0	23,0	23,0	22,0	23,0	23,0
9	23,0	22,0	24,0	24,0	22,0	24,0	23,0	23,0	22,0	22,0	23,0	23,0
10	22,0	22,0	25,0	24,0	22,0	24,0	24,0	23,0	22,0	23,0	23,0	23,0
11	22,0	24,0	25,0	23,0	24,0	25,0	24,0	24,0	22,0	23,0	24,0	23,0
12	22,0	23,0	24,0	23,0	23,0	24,0	24,0	25,0	22,0	23,0	24,0	23,0
13	22,0	24,0	24,0	24,0	24,0	24,0	23,0	24,0	22,0	23,0	22,0	23,0
14	24,0	24,0	24,0	24,0	24,0	25,0	22,0	23,0	23,0	22,0	22,0	23,0
15	24,0	24,0	25,0	24,0	22,0	26,0	24,0	22,0	23,0	22,0	22,0	23,0
Rata - Rata	22,7	23,2	24,5	24,2	23,3	24,1	23,5	23,5	22,5	22,5	23,1	23,0
16	24,0	24,0	25,0	25,0	22,0	25,0	24,0	22,0	22,0	23,0	23,0	23,0
17	23,0	24,0	25,0	25,0	22,0	25,0	23,0	22,0	22,0	23,0	23,0	23,0
18	24,0	22,0	24,0	25,0	24,0	24,0	24,0	24,0	23,0	23,0	24,0	22,0
19	24,0	23,0	23,0	24,0	24,0	23,0	24,0	24,0	23,0	23,0	24,0	22,0
20	24,0	23,0	24,0	24,0	23,0	22,0	24,0	24,0	23,0	24,0	22,0	22,0
21	24,0	23,0	24,0	24,0	23,0	22,0	23,0	24,0	23,0	22,0	23,0	22,0
22	23,0	23,0	25,0	24,0	23,0	24,0	23,0	24,0	24,0	20,0	24,0	22,0
23	24,0	24,0	25,0	24,0	22,0	23,0	24,0	24,0	22,0	24,0	24,0	23,0
24	25,0	24,0	25,0	25,0	22,0	23,0	24,0	24,0	20,0	22,0	24,0	22,0
25	25,0	25,0	25,0	23,0	24,0	24,0	24,0	21,0	24,0	22,0	26,0	23,0
26	25,0	26,0	25,0	23,0	24,0	24,0	23,0	24,0	23,0	23,0	23,0	23,0
27	24,0	24,0	25,0	23,0	24,0	23,0	23,0	24,0	23,0	24,0	22,0	23,0
28	24,0	25,0	24,0	24,0	25,0	23,0	23,0	24,0	23,0	22,0	22,0	23,0
29	24,0		24,0	23,0	24,0	24,0	23,0	24,0	22,0	22,0	22,0	22,0
30	22,0		24,0	24,0	25,0	23,0	22,0	24,0	24,0	23,0	23,0	22,0
31	22,0		24,0		24,0		24,0	23,0		23,0		22,0
Rata - Rata	23,8	23,8	24,4	24,0	23,4	23,5	23,4	23,5	22,7	22,7	23,3	22,4
Rata - rata per bulan	23,2	23,5	24,5	24,1	23,4	23,8	23,5	23,5	22,6	22,6	23,2	22,7

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

2021												
Tanggal	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
1	22,0	22,0	25,0	24,0	22,0	24,0	24,0	23,0	23,0	22,0	22,0	23,0
2	22,0	22,0	24,0	24,0	22,0	23,0	24,0	23,0	23,0	23,0	22,0	22,0
3	21,0	22,0	24,0	25,0	24,0	23,0	24,0	23,0	23,0	23,0	23,0	22,0
4	21,0	23,0	23,0	25,0	24,0	24,0	23,0	23,0	23,0	22,0	24,0	22,0
5	22,0	23,0	24,0	25,0	23,0	24,0	23,0	23,0	22,0	22,0	23,0	22,0
6	22,0	24,0	23,0	25,0	22,0	24,0	24,0	24,0	22,0	23,0	23,0	22,0
7	22,0	24,0	22,0	23,0	23,0	25,0	22,0	24,0	22,0	24,0	23,0	23,0
8	22,0	24,0	22,0	23,0	23,0	25,0	22,0	24,0	23,0	23,0	23,0	23,0
9	22,0	23,0	20,0	24,0	23,0	24,0	22,0	22,0	22,0	23,0	22,0	23,0
10	22,0	24,0	22,0	24,0	23,0	24,0	25,0	22,0	22,0	22,0	22,0	20,0
11	22,0	24,0	22,0	24,0	23,0	23,0	25,0	23,0	22,0	23,0	22,0	20,0
12	22,0	24,0	22,0	25,0	22,0	23,0	24,0	23,0	23,0	22,0	22,0	23,0
13	22,0	24,0	22,0	23,0	22,0	24,0	24,0	25,0	23,0	22,0	22,0	23,0
14	21,0	24,0	22,0	23,0	23,0	25,5	23,0	25,0	23,0	22,0	23,0	22,0
15	22,0	24,0	22,0	23,0	23,0	24,5	23,0	24,0	24,0	22,0	23,0	22,0
Rata - Rata	21,8	23,4	22,6	24,0	22,8	24,0	23,5	23,4	22,7	22,5	22,6	22,1
16	22,0	24,0	23,0	24,0	23,0	23,5	23,0	24,0	24,0	23,0	23,0	21,0
17	22,0	24,0	23,0	24,0	22,0	23,5	24,0	22,0	22,0	22,0	24,0	21,0
18	22,0	24,0	23,0	25,0	22,0	22,0	22,0	22,0	22,0	23,0	22,0	21,0
19	22,0	23,0	23,0	25,0	23,0	24,0	22,0	22,0	22,0	23,0	22,0	22,0
20	23,0	24,0	24,0	24,0	33,0	24,0	22,0	23,0	24,0	24,0	22,0	22,0
21	22,0	24,0	24,0	24,0	24,0	23,0	22,0	22,0	23,0	22,0	23,0	23,0
22	22,0	25,0	24,0	24,0	24,0	23,0	25,0	22,0	23,0	22,0	23,0	23,0
23	22,0	25,0	23,0	23,0	22,0	23,0	25,0	22,0	22,0	22,0	23,0	23,0
24	23,0	25,0	24,0	23,0	22,0	25,0	24,0	23,0	25,0	24,0	22,0	24,0
25	22,0	24,0	23,0	25,0	23,0	24,0	24,0	22,0	23,0	24,0	22,0	24,0
26	23,0	24,0	23,0	24,0	23,0	24,0	23,0	23,0	24,0	23,0	22,0	23,0
27	23,0	24,0	23,0	24,0	22,0	23,0	23,0	22,0	24,0	22,0	23,0	22,0
28	23,0	24,0	24,0	23,0	22,0	22,0	22,0	22,0	24,0	22,0	22,0	22,0
29	23,0		24,0	23,0	22,0	22,0	22,0	23,0	23,0	24,0	22,0	22,0
30	23,0		23,0	22,0	22,0	22,0	21,0	23,0	23,0	24,0	23,0	22,0
31	23,0		24,0		22,0		22,0	23,0		23,0		23,0
Rata - Rata	22,5	24,2	23,4	23,8	23,2	23,2	22,9	22,5	23,2	22,9	22,5	22,4
Rata - rata per bulan	22,2	23,8	23,0	23,9	23,0	23,6	23,2	23,0	22,9	22,7	22,6	22,3

Sumber : PLTA Peusangan PT. PLN (Persero) UPP SUMBAGUT 2

Lampiran 3

Hasil Perhitungan Evapotranspirasi

2012														
No	Uraian	Satuan	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
I	Data													
1	Temperatur (t)	°c	23,8	23,5	24,1	23,2	24,3	24,4	23,9	23,6	23,8	23,1	23,0	23,1
2	Kecepatan Angin (U)	m/dt	3,43	3,43	3,43	3,64	3,57	3,50	3,28	3,50	3,43	3,43	3,28	3,57
3	Kelembaban Udara (RH)	%	75,00	76,00	76,00	79,50	78,50	77,00	73,50	76,00	74,00	75,50	71,50	79,50
4	Penyinaran Matahari (n/N)	%	0,60	0,45	0,51	0,77	0,91	0,43	0,40	0,64	0,79	0,91	1,13	0,78
II	Analisa Data													
1	w		0,733	0,730	0,736	0,727	0,738	0,739	0,734	0,731	0,733	0,726	0,725	0,726
2	(1 - w)		0,267	0,270	0,264	0,273	0,262	0,261	0,266	0,269	0,267	0,274	0,275	0,274
3	Ra	mm/hari	15,65	15,90	15,60	14,80	13,60	13,00	13,25	14,15	15,05	15,65	15,65	15,55
4	Rs	mm/hari	8,98	7,84	8,20	9,85	10,08	6,27	6,17	8,43	10,18	11,60	13,46	10,44
5	f(t)		15,35	15,28	15,43	15,20	15,48	15,50	15,38	15,30	15,35	15,18	15,15	15,18
6	ea	mbar	29,50	28,98	30,03	28,47	30,39	30,57	29,68	29,15	29,50	28,31	28,14	28,31
7	ed	mbar	22,13	22,02	22,82	22,63	23,86	23,54	21,81	22,15	21,83	21,37	20,12	22,50
8	f(ed)	mbar	0,13	0,13	0,13	0,13	0,13	0,13	0,13	0,13	0,13	0,14	0,14	0,13
9	f(n/N)		0,64	0,51	0,56	0,79	0,92	0,49	0,46	0,68	0,81	0,92	1,12	0,80
10	f(u)	m/dt	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28
11	Rn ₁	mm/dt	1,31	1,03	1,12	1,58	1,78	0,96	0,95	1,37	1,67	1,90	2,41	1,60
12	ea-ed	mbar	7,38	6,96	7,21	5,84	6,53	7,03	7,86	7,00	7,67	6,93	8,02	5,80
13	Et*	mm/hari	4,53	4,06	4,23	4,67	4,74	3,28	3,28	4,14	4,94	5,46	6,18	4,97
14	c		1,10	1,10	1,10	0,90	0,90	0,90	0,90	1,00	1,10	1,10	1,10	1,10
15	Eto	mm/hari	4,98	4,47	4,65	4,20	4,27	2,95	2,95	4,14	5,43	6,01	6,80	5,46

Sumber : Hasil Perhitungan

2013														
No	Uraian	Satuan	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
I	Data													
1	Temperatur (t)	°c	23,6	22,5	24,0	23,9	24,3	24,6	24,2	23,9	24,4	23,4	23,6	23,0
2	Kecepatan Angin (U)	m/dt	3,48	3,29	3,55	3,48	3,29	3,20	3,29	3,29	3,29	3,62	3,48	3,55
3	Kelembaban Udara (RH)	%	77,00	75,50	79,00	78,00	76,00	74,00	75,50	73,50	77,50	81,50	76,50	81,50
4	Penyinaran Matahari (n/N)	%	0,54	0,51	0,76	0,84	1,04	0,62	0,60	0,71	0,82	1,01	1,16	1,11
II	Analisa Data													
1	w		0,731	0,720	0,735	0,734	0,738	0,741	0,737	0,734	0,739	0,729	0,731	0,725
2	(1 - w)		0,27	0,28	0,27	0,27	0,26	0,26	0,26	0,27	0,26	0,27	0,27	0,28
3	Ra	mm/hari	15,65	15,90	15,60	14,80	13,60	13,00	13,25	14,15	15,05	15,65	15,65	15,55
4	Rs	mm/hari	8,48	8,35	10,30	10,41	11,04	7,60	7,61	8,96	10,43	12,45	13,72	13,21
5	f(t)		15,30	15,03	15,40	15,38	15,48	15,55	15,45	15,38	15,50	15,25	15,30	15,15
6	ea	mbar	29,15	27,33	29,85	29,68	28,64	30,94	30,21	29,68	30,57	28,81	29,15	28,14
7	ed	mbar	22,45	20,63	23,58	23,15	21,77	22,90	22,81	21,81	23,69	23,48	22,30	22,93
8	f(ed)	mbar	0,13	0,14	0,13	0,13	0,13	0,13	0,13	0,13	0,13	0,13	0,13	0,13
9	f(n/N)		0,59	0,56	0,78	0,86	1,04	0,66	0,64	0,74	0,84	1,01	1,14	1,10
10	f(u)	m/dt	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28
11	Rn ₁	mm/dt	1,18	1,18	1,53	1,69	2,16	1,32	1,28	1,53	1,63	1,95	2,31	2,15
12	ea-ed	mbar	6,70	6,70	6,27	6,53	6,87	8,04	7,40	7,86	6,88	5,33	6,85	5,21
13	Et*	mm/hari	4,29	4,18	5,02	4,98	5,02	3,82	3,80	4,39	5,07	5,79	6,34	6,02
14	c		1,10	1,10	1,10	0,90	0,90	0,90	0,90	1,00	1,10	1,10	1,10	1,10
15	Eto	mm/hari	4,72	4,60	5,52	4,48	4,51	3,44	3,42	4,39	5,58	6,36	6,97	6,62

Sumber : Hasil Perhitungan

2014														
No	Uraian	Satuan	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
I	Data													
1	Temperatur (t)	°c	23,4	23,1	24,2	24,1	24,3	25,1	24,9	24,2	23,8	22,9	23,6	23,3
2	Kecepatan Angin (U)	m/dt	3,45	3,52	3,52	3,52	3,38	3,28	3,28	3,45	3,65	3,77	3,65	3,65
3	Kelembaban Udara (RH)	%	76,00	78,50	79,50	76,00	74,00	72,23	69,77	74,88	79,87	80,92	80,18	81,48
4	Penyinaran Matahari (n/N)	%	1,10	0,44	0,51	0,81	0,91	0,31	0,04	0,97	1,27	1,54	1,14	1,04
II	Analisa Data													
1	w		0,729	0,726	0,737	0,736	0,738	0,746	0,744	0,737	0,733	0,724	0,731	0,728
2	(1 - w)		0,27	0,27	0,26	0,26	0,26	0,25	0,26	0,26	0,27	0,28	0,27	0,27
3	Ra	mm/hari	15,65	15,90	15,60	14,80	13,60	13,00	13,25	14,15	15,05	15,65	15,65	15,55
4	Rs	mm/hari	13,21	7,75	8,20	10,17	10,08	5,43	3,60	10,95	14,08	16,93	13,55	12,62
5	f(t)		15,25	15,18	15,45	15,43	15,48	15,68	15,63	15,45	15,35	15,13	15,30	15,23
6	ea	mbar	28,81	28,31	30,21	30,03	34,94	31,88	31,50	30,21	29,50	27,98	29,15	28,64
7	ed	mbar	21,90	22,22	24,02	22,82	25,86	23,02	21,98	22,62	23,56	22,64	23,37	23,34
8	f(ed)	mbar	0,13	0,13	0,12	0,13	0,12	0,13	0,13	0,13	0,13	0,13	0,13	0,13
9	f(n/N)		1,09	0,50	0,56	0,83	0,92	0,38	0,14	0,97	1,24	1,49	1,13	1,04
10	f(u)	m/dt	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28
11	Rn ₁	mm/dt	2,23	1,00	1,07	1,66	1,65	0,77	0,28	1,97	2,41	2,94	2,19	2,01
12	ea-ed	mbar	6,91	6,09	6,19	7,21	9,08	8,85	9,52	7,59	5,94	5,34	5,78	5,30
13	Et*	mm/hari	6,12	3,96	4,19	4,92	5,02	3,09	2,47	5,16	6,42	7,48	6,26	5,83
14	c		1,10	1,10	1,10	0,90	0,90	0,90	0,90	1,00	1,10	1,10	1,10	1,10
15	Eto	mm/hari	6,73	4,36	4,61	4,43	4,52	2,78	2,23	5,16	7,06	8,22	6,88	6,41

Sumber : Hasil Perhitungan

2015														
No	Uraian	Satuan	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
I		Data												
1	Temperatur (t)	°c	23,7	23,4	24,5	24,1	24,1	24,0	23,8	23,9	23,9	23,3	23,0	22,8
2	Kecepatan Angin (U)	m/dt	3,42	3,42	3,49	3,59	3,59	3,42	3,49	3,49	3,51	3,68	3,68	3,42
3	Kelembaban Udara (RH)	%	76,78	74,95	77,18	81,21	81,38	73,26	76,35	77,78	76,69	81,96	82,57	76,78
4	Penyinaran Matahari (n/N)	%	0,23	0,28	0,63	1,18	0,83	0,74	0,34	0,39	0,41	1,18	0,86	0,41
II		Analisa Data												
1	w		0,732	0,729	0,740	0,736	0,736	0,735	0,733	0,734	0,734	0,728	0,725	0,723
2	(1 - w)		0,27	0,27	0,26	0,26	0,26	0,27	0,27	0,27	0,27	0,27	0,28	0,28
3	Ra	mm/hari	15,65	15,90	15,60	14,80	13,60	13,00	13,25	14,15	15,05	15,65	15,65	15,55
4	Rs	mm/hari	5,86	6,38	9,21	13,13	9,50	8,44	5,75	6,52	7,09	13,88	11,18	7,33
5	f(t)		15,33	15,25	15,53	15,43	15,43	15,40	15,35	15,38	15,38	15,23	15,15	15,10
6	ea	mbar	15,33	15,25	15,53	30,03	30,03	29,85	29,50	29,68	29,68	28,64	28,14	27,81
7	ed	mbar	11,77	11,43	11,98	24,39	24,44	21,87	22,52	23,08	22,76	23,47	23,24	21,35
8	f(ed)	mbar	0,19	0,19	0,19	0,12	0,12	0,13	0,13	0,13	0,13	0,13	0,13	0,14
9	f(n/N)		0,31	0,35	0,67	1,16	0,85	0,77	0,41	0,45	0,47	1,16	0,87	0,47
10	f(u)	m/dt	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28
11	Rn ₁	mm/dt	0,89	1,03	1,94	2,20	1,60	1,58	0,82	0,89	0,94	2,24	1,69	0,97
12	ea-ed	mbar	3,56	3,82	3,54	5,64	5,59	7,98	6,98	6,60	6,92	5,17	4,90	6,46
13	Et*	mm/hari	2,83	3,03	3,93	6,04	4,47	4,08	3,08	3,42	3,73	6,34	5,23	3,77
14	c		1,10	1,10	1,10	0,90	0,90	0,90	0,90	1,00	1,10	1,10	1,10	1,10
15	Eto	mm/hari	3,11	3,33	4,32	5,44	4,03	3,67	2,77	3,42	4,10	6,97	5,75	4,15

Sumber : Hasil Perhitungan

2016														
No	Uraian	Satuan	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
I	Data													
1	Temperatur (t)	°c	23,4	22,9	24,5	24,2	23,8	23,8	23,3	23,1	23,2	23,1	23,4	22,6
2	Kecepatan Angin (U)	m/dt	3,42	3,44	3,37	3,42	3,42	3,42	3,32	2,92	3,00	3,12	2,92	2,37
3	Kelembaban Udara (RH)	%	77,36	77,51	74,66	78,63	78,95	77,50	73,06	68,81	66,30	71,17	66,07	54,10
4	Penyinaran Matahari (n/N)	%	1,03	0,14	0,47	0,46	0,78	0,21	0,48	0,24	0,57	0,57	0,93	0,73
II	Analisa Data													
1	w		0,729	0,724	0,740	0,737	0,733	0,733	0,728	0,726	0,727	0,726	0,729	0,721
2	(1 - w)		0,27	0,28	0,26	0,26	0,27	0,27	0,27	0,27	0,27	0,27	0,27	0,28
3	Ra	mm/hari	15,65	15,90	15,60	14,80	13,60	13,00	13,25	14,15	15,05	15,65	15,65	15,55
4	Rs	mm/hari	12,62	5,18	7,86	7,38	9,13	4,72	6,75	5,37	8,39	8,73	11,77	10,02
5	f(t)		15,25	15,13	15,53	15,45	15,35	15,35	15,23	15,18	15,20	15,18	15,25	15,55
6	ea	mbar	28,81	27,98	30,76	30,21	29,50	29,50	28,64	28,31	28,47	28,31	28,81	27,49
7	ed	mbar	22,29	21,68	22,96	23,75	23,29	22,86	20,93	19,48	18,87	20,14	19,03	14,87
8	f(ed)	mbar	0,13	0,14	0,13	0,13	0,13	0,13	0,14	0,15	0,15	0,14	0,15	0,17
9	f(n/N)		1,03	0,23	0,52	0,51	0,80	0,29	0,53	0,32	0,61	0,61	0,94	0,76
10	f(u)	m/dt	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28
11	Rn ₁	mm/dt	2,07	0,46	1,05	1,00	1,57	0,57	1,12	0,70	1,39	1,33	2,12	2,00
12	ea-ed	mbar	6,52	6,29	7,79	6,46	6,21	6,64	7,71	8,83	9,60	8,16	9,78	12,62
13	Et*	mm/hari	5,88	2,96	4,15	3,81	4,33	2,67	3,45	3,09	4,29	4,41	5,63	4,94
14	c		1,10	1,10	1,10	0,90	0,90	0,90	0,90	1,00	1,10	1,10	1,10	1,10
15	Eto	mm/hari	6,47	3,26	4,56	3,43	3,89	2,40	3,10	3,09	4,72	4,85	6,19	5,44

Sumber : Hasil Perhitungan

2017														
No	Uraian	Satuan	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
I	Data													
1	Temperatur (t)	°c	22,5	23,5	23,6	23,4	24,1	23,7	23,5	23,2	23,1	23,3	23,0	23,2
2	Kecepatan Angin (U)	m/dt	3,20	3,03	3,31	3,28	3,28	3,28	3,06	3,17	3,34	3,34	3,34	3,28
3	Kelembaban Udara (RH)	%	38,00	37,50	37,00	37,50	36,00	36,00	33,00	34,00	38,00	38,00	39,50	36,00
4	Penyinaran Matahari (n/N)	%	0,74	0,61	0,70	0,60	0,41	0,53	0,23	0,61	0,27	0,42	0,80	0,53
II	Analisa Data													
1	w		0,720	0,730	0,731	0,729	0,736	0,732	0,730	0,727	0,726	0,728	0,725	0,727
2	(1 - w)		0,28	0,27	0,27	0,27	0,26	0,27	0,27	0,27	0,27	0,27	0,28	0,27
3	Ra	mm/hari	15,65	15,90	15,60	14,80	13,60	13,00	13,25	14,15	15,05	15,65	15,65	15,55
4	Rs	mm/hari	10,17	9,21	9,80	8,50	6,41	6,97	4,96	8,20	5,96	7,46	10,67	8,34
5	f(t)		15,03	15,28	15,30	15,25	15,43	15,33	15,28	15,20	15,18	15,23	15,15	15,20
6	ea	mbar	27,33	28,98	29,15	28,81	30,03	29,33	28,98	28,47	28,31	28,64	28,14	28,47
7	ed	mbar	10,4	10,9	10,8	10,8	10,8	10,6	9,6	9,7	10,8	10,9	11,1	10,2
8	f(ed)	mbar	0,20	0,19	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,19	0,19	0,20
9	f(n/N)		0,77	0,65	0,73	0,64	0,47	0,58	0,31	0,65	0,34	0,48	0,82	0,58
10	f(u)	m/dt	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28
11	Rn ₁	mm/dt	2,28	1,93	2,18	1,91	1,41	1,74	0,96	2,00	1,02	1,42	2,40	1,75
12	ea-ed	mbar	16,94	18,11	18,36	18,01	19,22	18,77	19,42	18,79	17,55	17,76	17,02	18,22
13	Et*	mm/hari	5,16	4,99	5,15	4,61	3,91	3,95	3,47	4,44	3,84	4,38	5,36	4,66
14	c		1,10	1,10	1,10	0,90	0,90	0,90	0,90	1,00	1,10	1,10	1,10	1,10
15	Eto	mm/hari	5,68	5,49	5,66	4,15	3,52	3,55	3,12	4,44	4,22	4,82	5,90	5,12

Sumber : Hasil Perhitungan

2018														
No	Uraian	Satuan	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
I		Data												
1	Temperatur (t)	°c	22,5	23,7	23,6	23,7	24,1	23,3	23,4	23,1	22,7	23,0	23,0	22,9
2	Kecepatan Angin (U)	m/dt	3,10	3,27	3,10	3,17	3,17	3,10	2,86	2,86	3,35	3,52	3,52	3,35
3	Kelembaban Udara (RH)	%	70,00	72,50	71,00	73,50	74,00	69,50	63,13	65,07	75,50	79,00	80,00	75,50
4	Penyinaran Matahari (n/N)	%	1,09	0,70	0,75	0,71	1,12	0,46	0,42	0,46	1,04	1,13	1,34	1,52
II		Analisa Data												
1	w		0,720	0,732	0,731	0,732	0,736	0,728	0,729	0,726	0,722	0,725	0,725	0,724
2	(1 - w)		0,28	0,27	0,27	0,27	0,26	0,27	0,27	0,27	0,28	0,28	0,28	0,28
3	Ra	mm/hari	15,65	15,90	15,60	14,80	13,60	13,00	13,25	14,15	15,05	15,65	15,65	15,55
4	Rs	mm/hari	13,12	9,99	10,22	9,37	11,63	6,48	6,32	7,05	12,21	13,46	15,24	16,65
5	f(t)		15,03	15,33	15,30	15,33	15,43	15,23	15,25	15,18	15,08	15,15	15,15	15,13
6	ea	mbar	27,33	29,33	29,15	29,33	30,03	28,64	28,81	28,31	27,65	28,14	28,14	27,98
7	ed	mbar	19,1	21,3	20,7	21,6	22,2	19,9	18,2	18,4	20,9	22,2	22,5	21,1
8	f(ed)	mbar	0,15	0,14	0,14	0,14	0,13	0,14	0,15	0,15	0,14	0,13	0,13	0,14
9	f(n/N)		1,08	0,73	0,78	0,74	1,11	0,51	0,48	0,51	1,04	1,12	1,31	1,47
10	f(u)	m/dt	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28
11	Rn ₁	mm/dt	2,40	1,53	1,66	1,54	2,27	1,12	1,11	1,18	2,17	2,24	2,60	3,06
12	ea-ed	mbar	8,20	8,06	8,45	7,77	7,81	8,74	10,62	9,89	6,77	5,91	5,63	6,85
13	Et*	mm/hari	6,00	4,96	5,02	4,60	5,32	3,38	3,44	3,73	5,57	6,15	6,83	7,35
14	c		1,10	1,10	1,10	0,90	0,90	0,90	0,90	1,00	1,10	1,10	1,10	1,10
15	Eto	mm/hari	6,60	5,45	5,52	4,14	4,79	3,04	3,10	3,73	6,13	6,76	7,52	8,09

Sumber : Hasil Perhitungan

2019														
No	Uraian	Satuan	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
I		Data												
1	Temperatur (t)	°c	23,0	22,4	23,5	24,0	24,2	23,7	23,4	23,5	23,0	22,4	22,7	22,3
2	Kecepatan Angin (U)	m/dt	3,34	3,27	3,34	3,34	3,34	3,27	3,27	3,12	3,46	3,58	3,46	3,58
3	Kelembaban Udara (RH)	%	74,50	71,00	75,00	74,50	74,50	72,50	71,50	68,00	75,50	81,00	77,50	81,50
4	Penyinaran Matahari (n/N)	%	0,71	0,61	0,74	1,01	1,17	0,21	0,77	0,91	0,24	1,21	1,15	0,97
II		Analisa Data												
1	w		0,725	0,719	0,730	0,735	0,737	0,732	0,729	0,730	0,725	0,719	0,722	0,718
2	(1 - w)		0,28	0,28	0,27	0,27	0,26	0,27	0,27	0,27	0,28	0,28	0,28	0,28
3	Ra	mm/hari	15,65	15,90	15,60	14,80	13,60	13,00	13,25	14,15	15,05	15,65	15,65	15,55
4	Rs	mm/hari	9,91	9,21	10,13	11,77	11,99	4,72	8,82	10,49	5,71	14,14	13,63	12,03
5	f(t)		15,15	15,00	15,28	15,40	15,45	15,33	15,25	15,28	15,15	15,00	15,08	14,98
6	ea	mbar	28,14	27,17	28,98	29,85	30,21	29,33	28,81	28,98	28,14	27,17	27,65	27,02
7	ed	mbar	21,0	19,3	21,7	22,2	22,5	21,3	20,6	19,7	21,2	22,0	21,4	22,0
8	f(ed)	mbar	0,14	0,15	0,13	0,13	0,13	0,14	0,14	0,14	0,14	0,13	0,14	0,13
9	f(n/N)		0,74	0,65	0,77	1,01	1,15	0,29	0,79	0,92	0,32	1,19	1,14	0,97
10	f(u)	m/dt	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28
11	Rn ₁	mm/dt	1,55	1,43	1,58	2,06	2,34	0,61	1,70	2,03	0,66	2,38	2,33	1,95
12	ea-ed	mbar	7,18	7,88	7,25	7,61	7,70	8,06	8,21	9,27	6,89	5,16	6,22	5,00
13	Et*	mm/hari	4,81	4,56	4,94	5,54	5,47	2,75	4,20	4,96	3,16	6,31	6,18	5,47
14	c		1,10	1,10	1,10	0,90	0,90	0,90	0,90	1,00	1,10	1,10	1,10	1,10
15	Eto	mm/hari	5,29	5,01	5,43	4,98	4,92	2,47	3,78	4,96	3,47	6,95	6,80	6,02

Sumber : Hasil Perhitungan

2020														
No	Uraian	Satuan	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
I		Data												
1	Temperatur (t)	°c	23,2	23,5	24,5	24,1	23,4	23,8	23,5	23,5	22,6	22,6	23,2	22,7
2	Kecepatan Angin (U)	m/dt	3,37	3,46	3,14	3,26	3,46	3,34	3,14	3,26	3,54	3,54	3,54	3,54
3	Kelembaban Udara (RH)	%	74,50	75,00	69,50	71,50	76,00	74,00	69,38	72,50	78,50	80,00	80,50	79,50
4	Penyinaran Matahari (n/N)	%	0,33	0,41	1,07	1,17	1,32	0,97	1,14	0,94	1,01	0,94	1,18	0,84
II		Analisa Data												
1	w		0,727	0,720	0,740	0,736	0,729	0,733	0,720	0,720	0,721	0,721	0,727	0,722
2	(1 - w)		0,27	0,28	0,26	0,26	0,27	0,27	0,28	0,28	0,28	0,28	0,27	0,28
3	Ra	mm/hari	15,65	15,90	15,60	14,80	13,60	13,00	13,25	14,15	15,05	15,65	15,65	15,55
4	Rs	mm/hari	6,70	7,50	12,91	13,05	13,09	10,06	11,47	10,72	11,97	11,86	13,88	10,94
5	f(t)		15,20	15,28	15,58	15,43	15,25	15,35	15,28	15,28	15,05	15,05	15,20	15,08
6	ea	mbar	28,47	28,98	30,76	30,03	28,81	29,50	28,98	28,98	27,49	27,49	28,47	27,65
7	ed	mbar	21,2	21,7	21,4	21,5	21,9	21,8	20,1	21,0	21,6	22,0	22,9	22,0
8	f(ed)	mbar	0,14	0,13	0,14	0,14	0,13	0,13	0,14	0,14	0,14	0,13	0,13	0,13
9	f(n/N)		0,40	0,47	1,06	1,15	1,29	0,97	1,13	0,95	1,01	0,95	1,16	0,86
10	f(u)	m/dt	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28
11	Rn ₁	mm/dt	0,83	0,97	2,26	2,42	2,63	2,01	2,45	2,00	2,06	1,90	2,28	1,73
12	ea-ed	mbar	7,26	7,25	9,38	8,56	6,91	7,67	8,88	7,97	5,91	5,50	5,55	5,67
13	Et*	mm/hari	3,60	3,92	6,17	6,05	5,76	4,63	5,12	4,97	5,45	5,47	6,33	5,12
14	c		1,10	1,10	1,10	0,90	0,90	0,90	0,90	1,00	1,10	1,10	1,10	1,10
15	Eto	mm/hari	3,96	4,31	6,79	5,44	5,18	4,16	4,60	4,97	5,99	6,01	6,96	5,63

Sumber : Hasil Perhitungan

2021														
No	Uraian	Satuan	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des
I		Data												
1	Temperatur (t)	°c	22,2	23,8	23,0	23,9	23,0	23,6	23,2	23,0	22,9	22,7	22,6	22,3
2	Kecepatan Angin (U)	m/dt	3,17	3,13	3,05	3,25	3,25	3,35	3,47	3,13	3,02	3,23	3,25	3,35
3	Kelembaban Udara (RH)	%	73,56	72,50	68,59	73,50	72,00	76,50	77,50	70,00	68,50	73,50	73,67	78,50
4	Penyinaran Matahari (n/N)	%	1,34	0,41	1,27	1,34	1,67	1,14	1,24	1,17	1,11	1,31	1,47	1,19
II		Analisa Data												
1	w		0,717	0,733	0,725	0,734	0,725	0,731	0,727	0,725	0,724	0,722	0,721	0,718
2	(1 - w)		0,28	0,27	0,28	0,27	0,28	0,27	0,27	0,28	0,28	0,28	0,28	0,28
3	Ra	mm/hari	15,65	15,90	15,60	14,80	13,60	13,00	13,25	14,15	15,05	15,65	15,65	15,55
4	Rs	mm/hari	15,24	7,50	14,60	14,41	15,66	11,25	12,18	12,48	12,78	14,98	16,34	13,88
5	f(t)		14,95	15,35	15,15	15,38	15,15	15,30	15,20	15,15	15,13	15,08	15,05	14,98
6	ea	mbar	26,86	29,50	28,14	29,68	28,14	29,15	28,47	28,14	27,98	27,65	27,49	27,02
7	ed	mbar	19,8	21,4	19,3	21,8	20,3	22,3	22,1	19,7	19,2	20,3	20,3	21,2
8	f(ed)	mbar	0,14	0,14	0,15	0,13	0,14	0,13	0,13	0,14	0,15	0,14	0,14	0,14
9	f(n/N)		1,31	0,47	1,24	1,31	1,60	1,13	1,22	1,15	1,10	1,28	1,42	1,17
10	f(u)	m/dt	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28	0,28
11	Rn ₁	mm/dt	2,82	0,98	2,76	2,70	3,45	2,28	2,46	2,53	2,45	2,73	3,04	2,41
12	ea-ed	mbar	7,10	8,11	8,84	7,86	7,88	6,85	6,41	8,44	8,81	7,33	7,24	5,81
13	Et*	mm/hari	6,73	4,00	6,61	6,53	6,62	5,02	5,34	5,60	5,84	6,71	7,20	6,20
14	c		1,10	1,10	1,10	0,90	0,90	0,90	0,90	1,00	1,10	1,10	1,10	1,10
15	Eto	mm/hari	7,40	4,40	7,27	5,88	5,96	4,51	4,80	5,60	6,43	7,38	7,92	6,82

Sumber : Hasil Perhitungan

Lampiran 4

Hasil Perhitungan Debit Andalan

Tahun : 2012
 Sumber Air : Sungai Peusangan
 Kelembapan Tanah Maks. SMC : 200 mm

Koef. Infiltrasi, i : 0,9 mm (perkotaan)
 Koef. Resesi, k : 0,7 mm
 Tampunguan Awal : 60 mm

No	Uraian	Ket	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des	Jumlah
EVAPOTRANSPIRASI TERBATAS (Et)															
1	Curah hujan, P (mm/bln)	[data]	101,67	71,79	84,10	136,01	178,33	64,52	58,81	117,22	134,86	165,82	223,25	131,91	1.468,29
2	Hari hujan, n (hari)	[data]	18,00	17,00	16,00	16,00	18,00	18,00	14,00	18,00	18,00	18,00	21,00	18,00	210,00
3	Evapotranspirasi, ETo (mm/hr)	[data]	4,98	4,47	4,65	4,20	4,27	2,95	2,95	4,14	5,43	6,01	6,80	5,46	56,33
4	Evapotranspirasi, ETo (mm/bln)	[(3) x (2)]	89,65	75,96	74,44	67,27	76,86	53,12	41,35	74,50	97,82	108,17	142,81	98,32	1.000,26
5	Lahan terbuka, m%	[data]	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	480,00
6	E/Ep, (mm/bln)	[(m% / 20) x (18-n)]	2,00	2,12	2,25	2,25	2,00	2,00	2,57	2,00	2,00	2,00	1,71	2,00	24,90
7	E1 = ETo - E, (mm/bln)	[(4) - (6)]	87,65	73,84	72,19	65,02	74,86	51,12	38,78	72,50	95,82	106,17	141,10	96,32	975,36
KESEIMBANGAN AIR															
8	P - E1	[(1) - (7)]	14,02	- 2,05	11,91	70,99	103,47	13,40	20,03	44,72	39,03	59,65	82,15	35,60	492,93
9	Tampunguan tanah		- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 1.680,00
10	Kelembaban tanah (SM)	[data]	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	2.400,00
11	Air lebih (S)	[(8) - (9)]	154,02	137,95	151,91	210,99	243,47	153,40	160,03	184,72	179,03	199,65	222,15	175,60	2.172,93
LIMPASAN DAN TAMPUNGAN AIR TANAH															
12	Infiltrasi	[i x (11)]	138,62	124,16	136,72	189,89	219,12	138,06	144,03	166,24	161,13	179,69	199,94	158,04	1.955,64
13	0,5 x (1+koef. resesi) x infiltrasi		117,82	105,53	116,21	161,41	186,25	117,35	122,43	141,31	136,96	152,74	169,95	134,33	1.662,29
14	(koef. resesi) x V (n-1)	[k x (IS)]	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	504,00
15	Volume tampungan V(n)	[(13) + (14)]	159,82	147,53	158,21	203,41	228,25	159,35	164,43	183,31	178,96	194,74	211,95	176,33	2.166,29
16	$\Delta V (n) = V(n) - V(n-1)$	[(Vn) - (Vn - 1)]	99,82	87,53	98,21	143,41	168,25	99,35	104,43	123,31	118,96	134,74	151,95	116,33	1.446,29
17	Aliran dasar, BF = 1 - dV(n)	[(12) - (16)]	38,79	36,62	38,51	46,48	50,87	38,71	39,60	42,94	42,17	44,95	47,99	41,71	509,35
18	Aliran langsung, DRO	[(11) - (12)]	15,40	13,80	15,19	21,10	24,35	15,34	16,00	18,47	17,90	19,97	22,22	17,56	217,29
19	Aliran sungai (mm/bln)	[(17) + (18)]	54,19	50,42	53,70	67,58	75,21	54,05	55,61	61,41	60,07	64,92	70,21	59,27	726,64
20	Debit sungai (m3/dt)		10,54	9,80	10,44	13,14	14,63	10,51	10,81	11,94	11,68	12,62	13,65	11,52	141,29
21	Debit sungai (l/det)	[(21) x 1000]	10.537,8	9.803,73	10.441,65	13.141,11	14.625,01	10.509,46	10.812,70	11.940,52	11.680,88	12.629,07	13.651,13	11.523,80	141.290,85
Catchment Area			252,00 km ²												

Sumber : Hasil Perhitungan

Tahun : 2013
 Sumber Air : Sungai Peusangan
 Kelembapan Tanah Maks. SMC : 200 mm

Koef. Infiltrasi, i : 0,9 mm (perkotaan)
 Koef. Resesi, k : 0,7 mm
 Tampunguan Awal : 60 mm

No	Uraian	Ket	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des	Jumlah
EVAPOTRANSPIRASI TERBATAS (Et)															
1	Curah hujan, P (mm/bln)	[data]	94,40	81,11	127,38	149,72	196,94	117,15	98,09	129,09	146,08	197,21	256,75	206,13	1.800,04
2	Hari hujan, n (hari)	[data]	12,00	16,00	15,00	16,00	17,00	16,00	17,00	17,00	16,00	17,00	19,00	17,00	195,00
3	Evapotranspirasi, ETo (mm/hr)	[data]	4,72	4,60	5,52	4,48	4,51	3,44	3,42	4,39	5,58	6,36	6,97	6,62	60,62
4	Evapotranspirasi, ETo (mm/bln)	[(3) x (2)]	56,58	73,64	82,83	71,65	76,74	55,03	58,11	74,68	89,22	108,19	132,51	112,57	991,76
5	Lahan terbuka, m%	[data]	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	480,00
6	E/Ep, (mm/bln)	[(m% / 20) x (18-n)]	3,00	2,25	2,40	2,25	2,12	2,25	2,12	2,12	2,25	2,12	1,89	2,12	26,88
7	E1 = ETo - E, (mm/bln)	[(4) - (6)]	53,58	71,39	80,43	69,40	74,62	52,78	55,99	72,56	86,97	106,08	130,62	110,45	964,88
KESEIMBANGAN AIR															
8	P - E1	[(1) - (7)]	40,82	9,72	46,95	80,31	122,32	64,37	42,10	56,52	59,11	91,13	126,13	95,68	835,16
9	Tampunguan tanah		- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 1.680,00
10	Kelembaban tanah (SM)	[data]	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	2.400,00
11	Air lebih (S)	[(8) - (9)]	180,82	149,72	186,95	220,31	262,32	204,37	182,10	196,52	199,11	231,13	266,13	235,68	2.515,16
LIMPASAN DAN TAMPUNGAN AIR TANAH															
12	Infiltrasi	[i x (11)]	162,74	134,75	168,25	198,28	236,09	183,93	163,89	176,87	179,20	208,02	239,52	212,11	2.263,65
13	0,5 x (1+koef. resesi) x infiltrasi		138,33	114,54	143,01	168,54	200,67	156,34	139,31	150,34	152,32	176,82	203,59	180,29	1.924,10
14	(koef. resesi) x V (n-1)	[k x (IS)]	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	504,00
15	Volume tampungan V(n)	[(13) + (14)]	180,33	156,54	185,01	210,54	242,67	198,34	181,31	192,34	194,32	218,82	245,59	222,29	2.428,10
16	$\Delta V (n) = V(n) - V(n-1)$	[(Vn) - (Vn - 1)]	120,33	96,54	125,01	150,54	182,67	138,34	121,31	132,34	134,32	158,82	185,59	162,29	1.708,10
17	Aliran dasar, BF = 1 - dV(n)	[(12) - (16)]	42,41	38,21	43,24	47,74	53,41	45,59	42,58	44,53	44,88	49,20	53,93	49,82	555,55
18	Aliran langsung, DRO	[(11) - (12)]	18,08	14,97	18,69	22,03	26,23	20,44	18,21	19,65	19,91	23,11	26,61	23,57	251,52
19	Aliran sungai (mm/bln)	[(17) + (18)]	60,49	53,18	61,93	69,77	79,64	66,03	60,79	64,18	64,79	72,32	80,54	73,38	807,06
20	Debit sungai (m3/dt)		11,76	10,34	12,04	13,57	15,49	12,84	11,82	12,48	12,60	14,06	15,66	14,27	156,93
21	Debit sungai (l/det)	[(21) x 1000]	11.762,57	10.341,36	12.042,46	13.567,05	15.486,58	12.838,57	11.821,03	12.480,06	12.598,04	14.061,54	15.660,65	14.269,11	156.928,95
Catchment Area			252,00 km ²												

Sumber : Hasil Perhitungan

Tahun : 2014
 Sumber Air : Sungai Peusangan
 Kelembapan Tanah Maks. SMC : 200 mm

Koef,. Infiltrasi, i : 0,9 mm (perkotaan)
 Koef. Resesi, k : 0,7 mm
 Tampunguan Awal : 60 mm

No	Uraian	Ket	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des	Jumlah
EVAPOTRANSPIRASI TERBATAS (Et)															
1	Curah hujan, P (mm/bln)	[data]	218,90	69,43	85,89	156,67	168,51	41,90	17,70	171,40	330,20	437,30	236,90	206,90	2.141,71
2	Hari hujan, n (hari)	[data]	19,00	16,00	13,00	18,00	17,00	7,00	8,00	15,00	20,00	25,00	22,00	23,00	203,00
3	Evapotranspirasi, ETo (mm/hr)	[data]	6,73	4,36	4,61	4,43	4,52	2,78	2,23	5,16	7,06	8,22	6,88	6,41	63,39
4	Evapotranspirasi, ETo (mm/bln)	[(3) x (2)]	127,86	69,71	59,94	79,76	76,84	19,46	17,81	77,38	141,15	205,59	151,41	147,47	1.174,39
5	Lahan terbuka, m%	[data]	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	480,00
6	E/Ep, (mm/bln)	[(m% / 20) x (18-n)]	1,89	2,25	2,77	2,00	2,12	5,14	4,50	2,40	1,80	1,44	1,64	1,57	29,52
7	E1 = ETo - E, (mm/bln)	[(4) - (6)]	125,96	67,46	57,18	77,76	74,72	14,32	13,31	74,98	139,35	204,15	149,78	145,91	1.144,87
KESEIMBANGAN AIR															
8	P - E1	[(1) - (7)]	92,94	1,97	28,72	78,91	93,79	27,58	4,39	96,42	190,85	233,15	87,12	60,99	996,83
9	Tampunguan tanah		- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 1.680,00
10	Kelembaban tanah (SM)	[data]	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	2.400,00
11	Air lebih (S)	[(8) - (9)]	232,94	141,97	168,72	218,91	233,79	167,58	144,39	236,42	330,85	373,15	227,12	200,99	2.676,83
LIMPASAN DAN TAMPUNGAN AIR TANAH															
12	Infiltrasi	[i x (11)]	209,64	127,78	151,85	197,02	210,41	150,82	129,95	212,78	297,76	335,84	204,41	180,89	2.409,15
13	0,5 x (1+koef. resesi) x infiltrasi		178,20	108,61	129,07	167,47	178,85	128,20	110,46	180,86	253,10	285,46	173,75	153,76	2.047,78
14	(koef. resesi) x V (n-1)	[k x (IS)]	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	504,00
15	Volume tampungan V(n)	[(13) + (14)]	220,20	150,61	171,07	209,47	220,85	170,20	152,46	222,86	295,10	327,46	215,75	195,76	2.551,78
16	$\Delta V (n) = V(n) - V(n-1)$	[(Vn) - (Vn - 1)]	160,20	90,61	111,07	149,47	160,85	110,20	92,46	162,86	235,10	267,46	155,75	135,76	1.831,78
17	Aliran dasar, BF = 1 - dV(n)	[(12) - (16)]	49,45	37,17	40,78	47,55	49,56	40,62	37,49	49,92	62,66	68,38	48,66	45,13	577,37
18	Aliran langsung, DRO	[(11) - (12)]	23,29	14,20	16,87	21,89	23,38	16,76	14,44	23,64	33,08	37,32	22,71	20,10	267,68
19	Aliran sungai (mm/bln)	[(17) + (18)]	72,74	51,36	57,65	69,44	72,94	57,38	51,93	73,56	95,75	105,69	71,37	65,23	845,06
20	Debit sungai (m3/dt)		14,14	9,99	11,21	13,50	14,18	11,16	10,10	14,30	18,62	20,55	13,88	12,68	164,32
21	Debit sungai (l/det)	[(21) x 1000]	14.143,97	9.987,37	11.209,44	13.503,16	14.182,73	11.157,60	10.097,88	14.303,05	18.617,93	20.550,90	13.878,20	12.684,20	164.316,43
Catchment Area			252,00 km ²												

Sumber : Hasil Perhitungan

Tahun : 2015
 Sumber Air : Sungai Peusangan
 Kelembapan Tanah Maks. SMC : 200 mm

Koef. Infiltrasi, i : 0,9 mm (perkotaan)
 Koef. Resesi, k : 0,7 mm
 Tampunguan Awal : 60 mm

No	Uraian	Ket	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des	Jumlah
EVAPOTRANSPIRASI TERBATAS (Et)															
1	Curah hujan, P (mm/bln)	[data]	174,10	60,50	129,50	420,70	385,80	136,10	90,60	199,70	169,20	533,90	413,70	257,20	2.971,00
2	Hari hujan, n (hari)	[data]	15,00	9,00	9,00	18,00	23,00	11,00	15,00	18,00	17,00	27,00	23,00	17,00	202,00
3	Evapotranspirasi, ETo (mm/hr)	[data]	3,11	3,33	4,32	5,44	4,03	3,67	2,77	3,42	4,10	6,97	5,75	4,15	51,06
4	Evapotranspirasi, ETo (mm/bln)	[(3) x (2)]	46,68	29,97	38,89	97,91	92,62	40,38	41,54	61,58	69,73	188,27	132,25	70,54	910,36
5	Lahan terbuka, m%	[data]	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	480,00
6	E/Ep, (mm/bln)	[(m% / 20) x (18-n)]	2,40	4,00	4,00	2,00	1,57	3,27	2,40	2,00	2,12	1,33	1,57	2,12	28,77
7	E1 = ETo - E, (mm/bln)	[(4) - (6)]	44,28	25,97	34,89	95,91	91,06	37,11	39,14	59,58	67,61	186,94	130,68	68,42	881,59
KESEIMBANGAN AIR															
8	P - E1	[(1) - (7)]	129,82	34,53	94,61	324,79	294,74	98,99	51,46	140,12	101,59	346,96	283,02	188,78	2.089,41
9	Tampunguan tanah		- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 1.680,00
10	Kelembaban tanah (SM)	[data]	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	2.400,00
11	Air lebih (S)	[(8) - (9)]	269,82	174,53	234,61	464,79	434,74	238,99	191,46	280,12	241,59	486,96	423,02	328,78	3.769,41
LIMPASAN DAN TAMPUNGAN AIR TANAH															
12	Infiltrasi	[i x (11)]	242,84	157,08	211,15	418,31	391,27	215,09	172,31	252,11	217,43	438,27	380,72	295,90	3.392,47
13	0,5 x (1+koef. resesi) x infiltrasi		206,41	133,52	179,48	355,56	332,58	182,83	146,46	214,29	184,82	372,53	323,61	251,51	2.883,60
14	(koef. resesi) x V (n-1)	[k x (IS)]	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	504,00
15	Volume tampungan V(n)	[(13) + (14)]	248,41	175,52	221,48	397,56	374,58	224,83	188,46	256,29	226,82	414,53	365,61	293,51	3.387,60
16	$\Delta V (n) = V(n) - V(n-1)$	[(Vn) - (Vn - 1)]	188,41	115,52	161,48	337,56	314,58	164,83	128,46	196,29	166,82	354,53	305,61	233,51	2.667,60
17	Aliran dasar, BF = 1 - dV(n)	[(12) - (16)]	54,43	41,56	49,67	80,75	76,69	50,26	43,85	55,82	50,61	83,74	75,11	62,38	724,87
18	Aliran langsung, DRO	[(11) - (12)]	26,98	17,45	23,46	46,48	43,47	23,90	19,15	28,01	24,16	48,70	42,30	32,88	376,94
19	Aliran sungai (mm/bln)	[(17) + (18)]	81,41	59,01	73,13	127,23	120,16	74,16	62,99	83,83	74,77	132,44	117,41	95,26	1.101,81
20	Debit sungai (m3/dt)		15,83	11,48	14,22	24,74	23,37	14,42	12,25	16,30	14,54	25,75	22,83	18,52	214,24
21	Debit sungai (l/det)	[(21) x 1000]	15.829,33	11.475,12	14.220,56	24.738,31	23.365,30	14.420,48	12.248,53	16.299,90	14.539,33	25.751,48	22.829,61	18.523,31	214.241,26
Catchment Area			252,00 km ²												

Sumber : Hasil Perhitungan

Tahun : 2016
 Sumber Air : Sungai Peusangan
 Kelembapan Tanah Maks. SMC : 200 mm

Koef. Infiltrasi, i : 0,9 mm (perkotaan)
 Koef. Resesi, k : 0,7 mm
 Tampunguan Awal : 60 mm

No	Uraian	Ket	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des	Jumlah
EVAPOTRANSPIRASI TERBATAS (Et)															
1	Curah hujan, P (mm/bln)	[data]	190,20	69,20	75,60	115,10	190,20	99,10	77,80	42,00	96,80	105,90	272,80	165,40	1.500,10
2	Hari hujan, n (hari)	[data]	12,00	9,00	4,00	10,00	16,00	7,00	11,00	8,00	7,00	14,00	22,00	18,00	138,00
3	Evapotranspirasi, ETo (mm/hr)	[data]	6,47	3,26	4,56	3,43	3,89	2,40	3,10	3,09	4,72	4,85	6,19	5,44	51,41
4	Evapotranspirasi, ETo (mm/bln)	[(3) x (2)]	77,61	29,30	18,25	34,33	62,31	16,81	34,14	24,69	33,07	67,93	136,19	97,84	632,46
5	Lahan terbuka, m%	[data]	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	480,00
6	E/Ep, (mm/bln)	[(m% / 20) x (18-n)]	3,00	4,00	9,00	3,60	2,25	5,14	3,27	4,50	5,14	2,57	1,64	2,00	46,12
7	E1 = ETo - E, (mm/bln)	[(4) - (6)]	74,61	25,30	9,25	30,73	60,06	11,67	30,87	20,19	27,93	65,35	134,55	95,84	586,34
KESEIMBANGAN AIR															
8	P - E1	[(1) - (7)]	115,59	43,90	66,35	84,37	130,14	87,43	46,93	21,81	68,87	40,55	138,25	69,56	913,76
9	Tampunguan tanah		- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 1.680,00
10	Kelembaban tanah (SM)	[data]	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	2.400,00
11	Air lebih (S)	[(8) - (9)]	255,59	183,90	206,35	224,37	270,14	227,43	186,93	161,81	208,87	180,55	278,25	209,56	2.593,76
LIMPASAN DAN TAMPUNGAN AIR TANAH															
12	Infiltrasi	[i x (11)]	230,03	165,51	185,71	201,93	243,12	204,69	168,24	145,63	187,99	162,49	250,43	188,61	2.334,38
13	0,5 x (1+koef. resesi) x infiltrasi		195,53	140,68	157,85	171,64	206,66	173,99	143,00	123,78	159,79	138,12	212,86	160,32	1.984,23
14	(koef. resesi) x V (n-1)	[k x (IS)]	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	504,00
15	Volume tampungan V(n)	[(13) + (14)]	237,53	182,68	199,85	213,64	248,66	215,99	185,00	165,78	201,79	180,12	254,86	202,32	2.488,23
16	$\Delta V (n) = V(n) - V(n-1)$	[(Vn) - (Vn - 1)]	177,53	122,68	139,85	153,64	188,66	155,99	125,00	105,78	141,79	120,12	194,86	142,32	1.768,23
17	Aliran dasar, BF = 1 - dV(n)	[(12) - (16)]	52,50	42,83	45,86	48,29	54,47	48,70	43,24	39,84	46,20	42,37	55,56	46,29	566,16
18	Aliran langsung, DRO	[(11) - (12)]	25,56	18,39	20,63	22,44	27,01	22,74	18,69	16,18	20,89	18,05	27,83	20,96	259,38
19	Aliran sungai (mm/bln)	[(17) + (18)]	78,06	61,22	66,49	70,73	81,48	71,45	61,93	56,02	67,09	60,43	83,39	67,25	825,53
20	Debit sungai (m3/dt)		15,18	11,90	12,93	13,75	15,84	13,89	12,04	10,89	13,04	11,75	16,21	13,08	160,52
21	Debit sungai (l/det)	[(21) x 1000]	15.179,14	11.903,29	12.928,83	13.752,83	15.843,84	13.892,42	12.041,77	10.893,73	13.044,40	11.749,97	16.214,52	13.075,95	160.520,34
Catchment Area			252,00 km ²												

Sumber : Hasil Perhitungan

Tahun : 2017
 Sumber Air : Sungai Peusangan
 Kelembapan Tanah Maks. SMC : 200 mm

Koef. Infiltrasi, i : 0,9 mm (perkotaan)
 Koef. Resesi, k : 0,7 mm
 Tampunguan Awal : 60 mm

No	Uraian	Ket	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des	Jumlah
EVAPOTRANSPIRASI TERBATAS (Et)															
1	Curah hujan, P (mm/bln)	[data]	224,50	104,30	201,90	320,80	158,50	169,60	29,00	265,50	255,50	132,90	256,90	141,10	2.260,50
2	Hari hujan, n (hari)	[data]	17,00	8,00	12,00	25,00	18,00	11,00	7,00	16,00	14,00	12,00	23,00	12,00	175,00
3	Evapotranspirasi, ETo (mm/hr)	[data]	5,68	5,49	5,66	4,15	3,52	3,55	3,12	4,44	4,22	4,82	5,90	5,12	55,67
4	Evapotranspirasi, ETo (mm/bln)	[(3) x (2)]	96,56	43,89	67,94	103,71	63,30	39,08	21,86	70,98	59,13	57,86	135,68	61,48	821,47
5	Lahan terbuka, m%	[data]	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	480,00
6	E/Ep, (mm/bln)	[(m% / 20) x (18-n)]	2,12	4,50	3,00	1,44	2,00	3,27	5,14	2,25	2,57	3,00	1,57	3,00	33,86
7	E1 = ETo - E, (mm/bln)	[(4) - (6)]	94,44	39,39	64,94	102,27	61,30	35,81	16,71	68,73	56,56	54,86	134,12	58,48	787,61
KESEIMBANGAN AIR															
8	P - E1	[(1) - (7)]	130,06	64,91	136,96	218,53	97,20	133,79	12,29	196,77	198,94	78,04	122,78	82,62	1.472,89
9	Tampunguan tanah		- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 1.680,00
10	Kelembaban tanah (SM)	[data]	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	2.400,00
11	Air lebih (S)	[(8) - (9)]	270,06	204,91	276,96	358,53	237,20	273,79	152,29	336,77	338,94	218,04	262,78	222,62	3.152,89
LIMPASAN DAN TAMPUNGAN AIR TANAH															
12	Infiltrasi	[i x (11)]	243,05	184,42	249,27	322,68	213,48	246,41	137,06	303,09	305,05	196,23	236,50	200,36	2.837,60
13	0,5 x (1+koef. resesi) x infiltrasi		206,59	156,75	211,88	274,28	181,46	209,45	116,50	257,63	259,29	166,80	201,03	170,31	2.411,96
14	(koef. resesi) x V (n-1)	[k x (IS)]	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	504,00
15	Volume tampungan V(n)	[(13) + (14)]	248,59	198,75	253,88	316,28	223,46	251,45	158,50	299,63	301,29	208,80	243,03	212,31	2.915,96
16	$\Delta V (n) = V(n) - V(n-1)$	[(Vn) - (Vn - 1)]	188,59	138,75	193,88	256,28	163,46	191,45	98,50	239,63	241,29	148,80	183,03	152,31	2.195,96
17	Aliran dasar, BF = 1 - dV(n)	[(12) - (16)]	54,46	45,66	55,39	66,40	50,02	54,96	38,56	63,46	63,76	47,44	53,48	48,05	641,64
18	Aliran langsung, DRO	[(11) - (12)]	27,01	20,49	27,70	35,85	23,72	27,38	15,23	33,68	33,89	21,80	26,28	22,26	315,29
19	Aliran sungai (mm/bln)	[(17) + (18)]	81,46	66,15	83,09	102,25	73,74	82,34	53,79	97,14	97,65	69,24	79,75	70,32	956,93
20	Debit sungai (m3/dt)		15,84	12,86	16,16	19,88	14,34	16,01	10,46	18,89	18,99	13,46	15,51	13,67	186,07
21	Debit sungai (l/det)	[(21) x 1000]	15.840,16	12.863,12	16.155,68	19.882,84	14.338,68	16.010,64	10.458,67	18.888,40	18.987,79	13.463,16	15.507,69	13.672,56	186.069,41
Catchment Area			252,00 km ²												

Sumber : Hasil Perhitungan

Tahun : 2018
 Sumber Air : Sungai Peusangan
 Kelembapan Tanah Maks. SMC : 200 mm

Koef. Infiltrasi, i : 0,9 mm (perkotaan)
 Koef. Resesi, k : 0,7 mm
 Tampunguan Awal : 60 mm

No	Uraian	Ket	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des	Jumlah
EVAPOTRANSPIRASI TERBATAS (Et)															
1	Curah hujan, P (mm/bln)	[data]	199,50	118,50	119,60	121,90	282,90	70,00	69,20	59,70	181,80	221,10	433,20	481,00	2.358,40
2	Hari hujan, n (hari)	[data]	9,00	8,00	11,00	13,00	21,00	4,00	6,00	4,00	13,00	16,00	22,00	15,00	142,00
3	Evapotranspirasi, ETo (mm/hr)	[data]	6,60	5,45	5,52	4,14	4,79	3,04	3,10	3,73	6,13	6,76	7,52	8,09	64,86
4	Evapotranspirasi, ETo (mm/bln)	[(3) x (2)]	59,38	43,64	60,75	53,81	100,57	12,16	18,58	14,93	79,66	108,17	165,36	121,31	838,31
5	Lahan terbuka, m%	[data]	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	480,00
6	E/Ep, (mm/bln)	[(m% / 20) x (18-n)]	4,00	4,50	3,27	2,77	1,71	9,00	6,00	9,00	2,77	2,25	1,64	2,40	49,31
7	E1 = ETo - E, (mm/bln)	[(4) - (6)]	55,38	39,14	57,47	51,04	98,86	3,16	12,58	5,93	76,89	105,92	163,72	118,91	788,99
KESEIMBANGAN AIR															
8	P - E1	[(1) - (7)]	144,12	79,36	62,13	70,86	184,04	66,84	56,62	53,77	104,91	115,18	269,48	362,09	1.569,41
9	Tampunguan tanah		- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 1.680,00
10	Kelembapan tanah (SM)	[data]	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	2.400,00
11	Air lebih (S)	[(8) - (9)]	284,12	219,36	202,13	210,86	324,04	206,84	196,62	193,77	244,91	255,18	409,48	502,09	3.249,41
LIMPASAN DAN TAMPUNGAN AIR TANAH															
12	Infiltrasi	[i x (11)]	255,71	197,43	181,91	189,77	291,64	186,16	176,96	174,39	220,42	229,66	368,53	451,88	2.924,47
13	0,5 x (1+koef. resesi) x infiltrasi		217,35	167,81	154,63	161,31	247,89	158,23	150,41	148,23	187,36	195,21	313,25	384,10	2.485,80
14	(koef. resesi) x V (n-1)	[k x (1S)]	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	504,00
15	Volume tampungan V(n)	[(13) + (14)]	259,35	209,81	196,63	203,31	289,89	200,23	192,41	190,23	229,36	237,21	355,25	426,10	2.989,80
16	$\Delta V (n) = V(n) - V(n-1)$	[(Vn) - (Vn - 1)]	199,35	149,81	136,63	143,31	229,89	140,23	132,41	130,23	169,36	177,21	295,25	366,10	2.269,80
17	Aliran dasar, BF = $1 - dV(n)$	[(12) - (16)]	56,36	47,61	45,29	46,47	61,75	45,92	44,54	44,16	51,06	52,45	73,28	85,78	654,67
18	Aliran langsung, DRO	[(11) - (12)]	28,41	21,94	20,21	21,09	32,40	20,68	19,66	19,38	24,49	25,52	40,95	50,21	324,94
19	Aliran sungai (mm/bln)	[(17) + (18)]	84,77	69,55	65,50	67,55	94,15	66,61	64,21	63,54	75,55	77,97	114,23	135,99	979,61
20	Debit sungai (m3/dt)		16,48	13,52	12,74	13,14	18,31	12,95	12,48	12,35	14,69	15,16	22,21	26,44	190,48
21	Debit sungai (l/det)	[(21) x 1000]	16.482,75	13.523,59	12.736,07	13.135,18	18.307,05	12.951,47	12.484,43	12.354,04	14.691,18	15.160,38	22.210,82	26.442,86	190.479,81
Catchment Area			252,00 km ²												

Sumber : Hasil Perhitungan

Tahun : 2019
 Sumber Air : Sungai Peusangan
 Kelembapan Tanah Maks. SMC : 200 mm

Koef. Infiltrasi, i : 0,9 mm (perkotaan)
 Koef. Resesi, k : 0,7 mm
 Tampunguan Awal : 60 mm

No	Uraian	Ket	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des	Jumlah
EVAPOTRANSPIRASI TERBATAS (Et)															
1	Curah hujan, P (mm/bln)	[data]	125,10	105,10	126,60	201,00	269,80	23,00	136,30	161,80	32,30	301,70	273,10	174,70	1.930,50
2	Hari hujan, n (hari)	[data]	5,00	6,00	13,00	8,00	16,00	3,00	12,00	10,00	9,00	20,00	14,00	13,00	129,00
3	Evapotranspirasi, ETo (mm/hr)	[data]	5,29	5,01	5,43	4,98	4,92	2,47	3,78	4,96	3,47	6,95	6,80	6,02	60,09
4	Evapotranspirasi, ETo (mm/bln)	[(3) x (2)]	26,47	30,06	70,64	39,86	78,74	7,42	45,40	49,55	31,26	138,92	95,14	78,29	691,77
5	Lahan terbuka, m%	[data]	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	480,00
6	E/Ep, (mm/bln)	[(m% / 20) x (18-n)]	7,20	6,00	2,77	4,50	2,25	12,00	3,00	3,60	4,00	1,80	2,57	2,77	52,46
7	E1 = ETo - E, (mm/bln)	[(4) - (6)]	19,27	24,06	67,87	35,36	76,49	4,58	42,40	45,95	27,26	137,12	92,57	75,52	639,31
KESEIMBANGAN AIR															
8	P - E1	[(1) - (7)]	105,83	81,04	58,73	165,64	193,31	27,58	93,90	115,85	5,04	164,58	180,53	99,18	1.291,19
9	Tampunguan tanah		- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 1.680,00
10	Kelembapan tanah (SM)	[data]	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	2.400,00
11	Air lebih (S)	[(8) - (9)]	245,83	221,04	198,73	305,64	333,31	167,58	233,90	255,85	145,04	304,58	320,53	239,18	2.971,19
LIMPASAN DAN TAMPUNGAN AIR TANAH															
12	Infiltrasi	[i x (11)]	221,24	198,93	178,86	275,08	299,98	150,82	210,51	230,26	130,54	274,12	288,48	215,26	2.674,07
13	0,5 x (1+koef. resesi) x infiltrasi		188,06	169,09	152,03	233,81	254,98	128,20	178,93	195,72	110,96	233,00	245,20	182,97	2.272,96
14	(koef. resesi) x V (n-1)	[k x (1S)]	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	504,00
15	Volume tampungan V(n)	[(13) + (14)]	230,06	211,09	194,03	275,81	296,98	170,20	220,93	237,72	152,96	275,00	287,20	224,97	2.776,96
16	$\Delta V(n) = V(n) - V(n-1)$	[(Vn) - (Vn - 1)]	170,06	151,09	134,03	215,81	236,98	110,20	160,93	177,72	92,96	215,00	227,20	164,97	2.056,96
17	Aliran dasar, BF = 1 - dV(n)	[(12) - (16)]	51,19	47,84	44,83	59,26	63,00	40,62	49,58	52,54	37,58	59,12	61,27	50,29	617,11
18	Aliran langsung, DRO	[(11) - (12)]	24,58	22,10	19,87	30,56	33,33	16,76	23,39	25,58	14,50	30,46	32,05	23,92	297,12
19	Aliran sungai (mm/bln)	[(17) + (18)]	75,77	69,94	64,70	89,83	96,33	57,38	72,97	78,12	52,08	89,58	93,32	74,21	914,23
20	Debit sungai (m3/dt)		14,73	13,60	12,58	17,47	18,73	11,16	14,19	15,19	10,13	17,42	18,15	14,43	177,77
21	Debit sungai (l/det)	[(21) x 1000]	14.732,84	13.600,09	12.581,00	17.466,02	18.730,25	11.157,37	14.187,73	15.190,75	10.127,60	17.417,42	18.146,37	14.429,23	177.766,71
Catchment Area			252,00 km ²												

Sumber : Hasil Perhitungan

Tahun : 2020
 Sumber Air : Sungai Peusangan
 Kelembapan Tanah Maks. SMC : 200 mm

Koef. Infiltrasi, i : 0,9 mm (perkotaan)
 Koef. Resesi, k : 0,7 mm
 Tampunguan Awal : 60 mm

No	Uraian	Ket	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des	Jumlah
EVAPOTRANSPIRASI TERBATAS (Et)															
1	Curah hujan, P (mm/bln)	[data]	49,50	62,90	196,30	281,40	455,40	172,30	219,20	172,50	186,40	164,00	278,80	158,00	2.396,70
2	Hari hujan, n (hari)	[data]	5,00	8,00	7,00	13,00	12,00	14,00	15,00	7,00	12,00	13,00	10,00	10,00	126,00
3	Evapotranspirasi, ETo (mm/hr)	[data]	3,96	4,31	6,79	5,44	5,18	4,16	4,60	4,97	5,99	6,01	6,96	5,63	64,02
4	Evapotranspirasi, ETo (mm/bln)	[(3) x (2)]	19,81	34,46	47,51	70,78	62,21	58,30	69,05	34,78	71,90	78,17	69,64	56,29	672,91
5	Lahan terbuka, m%	[data]	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	480,00
6	E/Ep, (mm/bln)	[(m% / 20) x (18-n)]	7,20	4,50	5,14	2,77	3,00	2,57	2,40	5,14	3,00	2,77	3,60	3,60	45,70
7	E1 = ETo - E, (mm/bln)	[(4) - (6)]	12,61	29,96	42,37	68,01	59,21	55,73	66,65	29,64	68,90	75,40	66,04	52,69	627,21
KESEIMBANGAN AIR															
8	P - E1	[(1) - (7)]	36,89	32,94	153,93	213,39	396,19	116,57	152,55	142,86	117,50	88,60	212,76	105,31	1.769,49
9	Tampunguan tanah		- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 1.680,00
10	Kelembapan tanah (SM)	[data]	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	2.400,00
11	Air lebih (S)	[(8) - (9)]	176,89	172,94	293,93	353,39	536,19	256,57	292,55	282,86	257,50	228,60	352,76	245,31	3.449,49
LIMPASAN DAN TAMPUNGAN AIR TANAH															
12	Infiltrasi	[i x (11)]	159,20	155,65	264,54	318,05	482,57	230,91	263,29	254,57	231,75	205,74	317,48	220,78	3.104,54
13	0,5 x (1+koef. resesi) x infiltrasi		135,32	132,30	224,86	270,34	410,19	196,27	223,80	216,39	196,98	174,88	269,86	187,66	2.638,86
14	(koef. resesi) x V (n-1)	[k x (1S)]	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	504,00
15	Volume tampungan V(n)	[(13) + (14)]	177,32	174,30	266,86	312,34	452,19	238,27	265,80	258,39	238,98	216,88	311,86	229,66	3.142,86
16	$\Delta V (n) = V(n) - V(n-1)$	[(Vn) - (Vn - 1)]	117,32	114,30	206,86	252,34	392,19	178,27	205,80	198,39	178,98	156,88	251,86	169,66	2.422,86
17	Aliran dasar, BF = 1 - dV(n)	[(12) - (16)]	41,88	41,35	57,68	65,71	90,39	52,64	57,49	56,19	52,76	48,86	65,62	51,12	681,68
18	Aliran langsung, DRO	[(11) - (12)]	17,69	17,29	29,39	35,34	53,62	25,66	29,25	28,29	25,75	22,86	35,28	24,53	344,95
19	Aliran sungai (mm/bln)	[(17) + (18)]	59,57	58,64	87,07	101,05	144,01	78,29	86,75	84,47	78,51	71,72	100,90	75,65	1.026,63
20	Debit sungai (m3/dt)		11,58	11,40	16,93	19,65	28,00	15,22	16,87	16,43	15,27	13,95	19,62	14,71	199,62
21	Debit sungai (l/det)	[(21) x 1000]	11.582,86	11.402,45	16.931,11	19.648,04	28.001,10	15.223,67	16.867,70	16.425,08	15.266,12	13.945,92	19.619,00	14.709,33	199.622,38
Catchment Area			252,00 km ²												

Sumber : Hasil Perhitungan

Tahun : 2021
 Sumber Air : Sungai Peusangan
 Kelembapan Tanah Maks. SMC : 200 mm

Koef. Infiltrasi, i : 0,9 mm (perkotaan)
 Koef. Resesi, k : 0,7 mm
 Tampunguan Awal : 60 mm

No	Uraian	Ket	Jan	Feb	Mar	Apr	Mei	Jun	Jul	Ags	Sep	Okt	Nov	Des	Jumlah
EVAPOTRANSPIRASI TERBATAS (Et)															
1	Curah hujan, P (mm/bln)	[data]	317,60	14,10	171,20	119,50	168,70	80,82	81,53	98,84	105,19	228,20	216,60	173,13	1.775,41
2	Hari hujan, n (hari)	[data]	15,00	3,00	10,00	12,00	13,00	19,00	18,00	17,00	16,00	21,00	18,00	23,00	185,00
3	Evapotranspirasi, ETo (mm/hr)	[data]	7,40	4,40	7,27	5,88	5,96	4,51	4,80	5,60	6,43	7,38	7,92	6,82	74,37
4	Evapotranspirasi, ETo (mm/bln)	[(3) x (2)]	111,03	13,20	72,69	70,53	77,45	85,78	86,48	95,12	102,81	154,93	142,59	156,85	1.169,47
5	Lahan terbuka, m%	[data]	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	40,00	480,00
6	E/Ep, (mm/bln)	[(m% / 20) x (18-n)]	2,40	12,00	3,60	3,00	2,77	1,89	2,00	2,12	2,25	1,71	2,00	1,57	37,31
7	E1 = ETo - E, (mm/bln)	[(4) - (6)]	108,63	1,20	69,09	67,53	74,68	83,88	84,48	93,01	100,56	153,22	140,59	155,29	1.132,16
KESEIMBANGAN AIR															
8	P - E1	[(1) - (7)]	208,97	12,90	102,11	51,97	94,02	- 3,06	- 2,95	5,83	4,63	74,99	76,01	17,85	643,25
9	Tampunguan tanah		- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 140,00	- 1.680,00
10	Kelembapan tanah (SM)	[data]	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	200,00	2.400,00
11	Air lebih (S)	[(8) - (9)]	348,97	152,90	242,11	191,97	234,02	136,94	137,05	145,83	144,63	214,99	216,01	157,85	2.323,25
LIMPASAN DAN TAMPUNGAN AIR TANAH															
12	Infiltrasi	[i x (11)]	314,07	137,61	217,89	172,77	210,62	123,24	123,34	131,25	130,17	193,49	194,41	142,06	2.090,93
13	0,5 x (1+koef. resesi) x infiltrasi		266,96	116,97	185,21	146,86	179,02	104,76	104,84	111,56	110,64	164,46	165,25	120,75	1.777,29
14	(koef. resesi) x V (n-1)	[k x (IS)]	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	42,00	504,00
15	Volume tampungan V(n)	[(13) + (14)]	308,96	158,97	227,21	188,86	221,02	146,76	146,84	153,56	152,64	206,46	207,25	162,75	2.281,29
16	$\Delta V (n) = V(n) - V(n-1)$	[(Vn) - (Vn - 1)]	248,96	98,97	167,21	128,86	161,02	86,76	86,84	93,56	92,64	146,46	147,25	102,75	1.561,29
17	Aliran dasar, BF = 1 - dV(n)	[(12) - (16)]	65,11	38,64	50,68	43,92	49,59	36,49	36,50	37,69	37,53	47,02	47,16	39,31	529,64
18	Aliran langsung, DRO	[(11) - (12)]	34,90	15,29	24,21	19,20	23,40	13,69	13,70	14,58	14,46	21,50	21,60	15,78	232,33
19	Aliran sungai (mm/bln)	[(17) + (18)]	100,01	53,93	74,89	63,11	72,99	50,18	50,21	52,27	51,99	68,52	68,76	55,09	761,96
20	Debit sungai (m3/dt)		19,45	10,49	14,56	12,27	14,19	9,76	9,76	10,16	10,11	13,32	13,37	10,71	148,16
21	Debit sungai (l/det)	[(21) x 1000]	19.445,86	10.486,58	14.562,87	12.272,05	14.193,38	9.757,34	9.762,28	10.163,77	10.108,95	13.323,63	13.370,42	10.712,21	148.159,84
Catchment Area															252,00 km ²

Sumber : Hasil Perhitungan

Lampiran 5

Dokumentasi Lapangan

