

## DAFTAR PUSTAKA

- Abbas, M., Rasyid, B., & Achmad, M. 2022. Potensi Ketersediaan Air Tanah Dan Neraca Air Wilayah Karst di Kabupaten Maros (Potential Availability of Groundwater and Water Balance of Karst Area in Maros Regency). *Jurnal Ecosolum*, 11(1).
- Asril Riyanto, 1994, *Batu Pualam (Marmer)*, Bahan Galian Industri) Direktorat Jenderal Pertambangan Umum, Pusat Penelitian dan Pengembangan Teknologi Mineral, B.30.94.
- Defransyah, Yuliadi. 2021. Pendugaan Kedalaman Akuifer Menggunakan Metode Geolistrik Konfigurasi Schlumberger Studi Kasus Bandar Lampung dan Sekitarnya. *Repository ITERA*.
- Estefania, Estina Sativa, & Eva Noorliana. 2021. Analisis Pertumbuhan PDB Indonesia Melalui Pengembangan Sektor Pertambangan. *Jurnal Indonesia Sosial Sains*, 2(5). <https://doi.org/10.36418/jiss.v2i5.293>
- Fahmi Yahya. 2015. Analisa Kemampuan Produksi Alat Penambangan Bahan Galian Marmer Di PT. Industry Marmer Indonesia Tulungagung, Kabupaten Tulungagung Provinsi Jawa Timur. Kementrian Riset, Teknologi Dan Pendidikan Tinggi Universitas Palangka Raya Falkutas Teknik Jurusan/Prodi Teknik Pertambangan 2015.
- Ford, D. and Williams, P. 1992. Karst Geomorphology and Hydrology, Chapman and Hall, London.
- Haryono, E. Dan T. N. Adji. 2010. Geomorfologi dan hidrologi karst : Buku Ajar. Kelompok Studi Karst. Fakultas Geografi. Universitas Gadjah Mada. Yogyakarta.
- Kurniawati, S. 2018. Geologi, Karakteristik dan Rekomendasi Pemanfaatan Marmer Desa Besole, Kecamatan Besuki, Kabupaten Tulungagung, Provinsi Jawa Timur. Skripsi Departemen Teknik Geologi, Fakultas Teknik, Universitas Gadjah Mada (unpublished).
- Kusumayudha, Sari B, 2005, Hidrogeologi Karst Dan Geometri Fraktal di Daerah Gunung Sewu, Yogyakarta:Adicita Karya Nusa.
- Musriadi, M., Wahyuni, A., Rizal, A. S., Saparuddin, S. S., & Anjani, A. D. S. .2019. Pendugaan Zona Akuifer Dengan Metode Geolistrik Resistivity Konfigurasi Schlumberger Di Desa Jenetallasa Kecamatan Bangkala Kabupaten Jeneponto. *JFT: Jurnal Fisika Dan Terapannya*, 6(2). <https://doi.org/10.24252/jft.v6i2.11723>
- Okviyani, N., Sebrahim, A., Ma'rief, A. A., & Mahyuni, E. T. 2020. Identifikasi Air Tanah Kawasan Cagar Purbakala Leang-Leang Kabupaten Maros Dengan Metode Geolistrik Konfigurasi Wenner-Schlumberger. *Jurnal geocelebes*, 4(2). <https://doi.org/10.20956/geocelebes.v4i2.11102>

- Peraturan Gubernur Sulawesi Selatan No. 69 Tahun 2010 tentang Baku Mutu Air dan Limbah Cair
- Peraturan Pemerintah RI No 82 Tahun 2001 tentang *pengelolaan kualitas air dan Pengendalian Pencemaran Air*. Jakarta
- PerMen ESDM No. 02 Tahun 2017 tentang Cekungan Air Tanah, 2017.
- Pikatan, G.M, dan Kartono, L., 2013. Grha Kerajinan Batu Marmer di Tulungagung. *Jurnal eDemensi Arsitektur*, 1(2), 98-104.
- R. Oktama, Nugroho A.T, 2014. Karakterisasi Akuifer Karst Mataair Ngeleng Dengan Pendekatan Variasi Temporal Sifat Aliran Dan Hidrogeokimia
- Sudarmadji, 2013. Mata Air: Perspektif Hidrologis dan Lingkungan. Sekolah Pascasarjana, UGM, Yogyakarta.
- Suhala, S, dan Arifin, M., 1997. Bahan Galian Industri. Bandung: Pusat Penelitian dan Pengembangan Teknologi Mineral.
- Thomas, H.E. *The Conservation of Groundwater*, 1951
- Todd, D.K. *Groundwater Hydrology*, 1959
- Setiawan, M. R. 2019. A Study Awal Pendugaan Akuifer Air Tanah di Kampus Itera dengan Metode Geolistrik Konfigurasi Schlumberger. *Journal of Science and Application Technology*, 2(1). <https://doi.org/10.35472/281445>
- Setiawan, ST. MT., T., Isnaini, S., Asghaf, N. M. A., & Effendi, I. 2018. Sistem Imbuhan Air Tanah Karst Pada Sub-sistem Hidrogeologi Wonosari – Baron, Kabupaten Gunungkidul, Daerah Istimewa Yogyakarta, Berdasarkan Analisis Isotop  $^{18}\text{O}$  dan  $^2\text{H}$ . *Jurnal Lingkungan Dan Bencana Geologi*, 9(3). <https://doi.org/10.34126/jlbg.v9i3.235>
- Undang-Undang nomor 3 tahun 2020 tentang perubahan undang – undang nomor 4 tahun 2009 tentang Pertambangan Mineral dan Batubara
- Undang-Undang Republik Indonesia Nomor 17 tahun 2019 tentang Sumber Daya Air
- Wahyunindyawati, W., & Sari, D. 2017. Ekonomi Sumberdaya Alam dan Lingkungan (Economics of Natural Resources and the Environment). *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.2916841>
- Wahyuni, W., . J., Aswad, S., & Armin, L. O. 2018. Investigasi Zona Akuifer Menggunakan Metode Geolistrik Konfigurasi Schlumberger di Pantai Parangluhu Kecamatan Bontobahari, Kabupaten Bulukumba. *Jurnal geocelebes*, 2(2). <https://doi.org/10.20956/geocelebes.v2i2.4846>
- Waltham, T., Bell, F., Culshaw, M., 2005. Sinkholes and Subsidence Karst and Cavernous Rocks in Engineering and Construction. Springer. Chichester.
- Walton, *Groundwater Resources Evaluation*, 1970.

- Welayaturromadhona, W., Saputri, E. E. D., Sakura, R. R., & Kusumadewi, T. V. 2022. Identifikasi Potensi Air Tanah dengan Metode Geolistrik: Studi Kasus di Desa Sumberpakem Kabupaten Bondowoso. *JPPM (Jurnal Pengabdian Dan Pemberdayaan Masyarakat)*, 6(1). <https://doi.org/10.30595/jppm.v6i1.7033>
- White, W. B. 1988. *Geomorphology and Hydrology of Karst Terrains*. New York: Oxford University Press.

## LAMPIRAN – LAMPIRAN

Lampiran 1. Tabel koordinat pengambilan data

Titik	Derajat	Menit	Detik	Derajat	Menit	Detik	x	y	Elevasi
ST 03	119	34	15.9	4	49	29.5	119.5710833	-4.824861111	6
ST 09	119	36	5.9	4	49	21.4	119.6016389	-4.822611111	10
ST 14	119	35	50.3	4	48	36.4	119.5973056	-4.810111111	26
ST 10	119	36	14.1	4	48	56.1	119.6039167	-4.815583333	8
ST 07	119	35	51	4	48	28.8	119.5975	-4.808	2
ST 01	119	36	4.2	4	49	8	119.6011667	-4.818888889	22
ST 02	119	35	52.4	4	48	42.6	119.5978944	-4.811825	14
ST 05	119	35	50	4	48	28.6	119.5972222	-4.807944444	0
Sumur 01	119	35	41.5	4	48	33.5	119.5948611	-4.809305556	12
Sumur 02	119	35	40.7	4	48	33.7	119.5946389	-4.809361111	12
Sumur 03	119	35	39.3	4	48	35.2	119.59425	-4.809777778	13
Sumur 04	119	35	38.5	4	48	35.4	119.5940278	-4.809833333	13
Sumur 05	119	35	39.8	4	48	36.1	119.5943889	-4.810027778	13
Sumur 06	119	35	44.1	4	48	29.7	119.5955833	-4.80825	10
Sumur 07	119	35	44	4	48	31.8	119.5955556	-4.808833333	12

Sumur 08	119	35	44	4	48	32.9	119.5955556	-4.809138889	12
Sumur 09	119	35	44	4	48	32.9	119.5955556	-4.809138889	12
Sumur 10	119	35	41.3	4	48	33.1	119.5948056	-4.809194444	12
Sumur 11	119	35	39.8	4	48	36.1	119.5943889	-4.810027778	13
Sumur 12	119	35	39.3	4	48	29.8	119.59425	-4.808277778	10
Sumur 13	119	35	51.7	4	48	40.6	119.5976944	-4.811277778	16
Sumur 14	119	35	57.6	4	48	49.3	119.5993333	-4.813694444	22
Sumur 15	119	35	49.4	4	49	2.9	119.5970556	-4.817472222	15
Sumur 16	119	35	40.6	4	49	5.2	119.5946111	-4.818111111	8
Sumur 17	119	35	39.8	4	48	36.1	119.5943889	-4.810027778	13
Sumur 18	119	35	38.7	4	48	22.7	119.5940833	-4.806305556	13
Sumur 19	119	35	53.3	4	48	12.6	119.5981389	-4.8035	20
ST 04	119	35	51.1	4	48	15.9	119.5975278	-4.804416667	17
ST 08	119	35	8.8	4	48	5.8	119.5857778	-4.801611111	5
ST 15	119	35	51.6	4	49	21.9	119.5976667	-4.82275	10
ST 16	119	35	57.5	4	49	4.9	119.5993056	-4.818027778	20
ST 17	119	35	51.6	4	48	4.4	119.5976667	-4.801222222	22
ST 18	119	35	39.2	4	48	35	119.5942222	-4.809722222	13
ST 19	119	35	36.3	4	48	27.7	119.5934167	-4.807694444	13

Lampiran 2. Data curah hujan tahun 2020

TGL	JANUARI		FEBRUARI		MARET		APRIL		MEI		JUNI		JULI		AGUSTUS		SEPTEMBER		OKTOBER		NOVEMBER		DESEMBER		
	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	
1	500	15.92	-	-	400	12.74	400	12.74	-	-	500	15.92	-	-	0	-	100	3.18	0	-	900	28.66	1,500	47.77	
2	700	22.29	-	-	800	25.48	-	-	-	-	100	3.18	-	-	0	-	0	-	0	-	-	-	1,300	41.40	
3	650	20.70	-	-	450	14.33	-	-	-	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	
4	2,000	63.69	-	-	1,750	55.73	-	-	-	-	-	-	-	-	-	-	0	-	0	-	-	-	-	-	
5	1,100	35.03	-	-	1,600	50.96	50	1.59	-	-	-	-	-	-	-	-	0	-	0	-	-	-	1,600	50.96	
6	400	12.74	50	1.59	50	1.59	400	12.74	-	-	-	-	-	-	-	-	0	-	0	-	-	-	1,000	31.85	
7	850	27.07	2,700	85.99	-	-	100	3.18	-	-	750	23.89	-	-	0	-	0	-	0	-	-	-	-	-	
8	150	4.78	-	-	-	-	200	6.37	-	-	-	-	-	-	-	-	0	-	0	-	640	20.38	-	-	
9	500	15.92	1,450	46.18	-	-	-	-	-	-	-	-	-	-	-	-	0	-	0	-	1,700	54.14	240	7.64	
10	500	15.92	-	-	-	-	-	-	800	25.48	-	-	-	-	450	14.33	0	-	1,300	41.40	-	-	-	-	
11	2000	63.69	-	-	-	-	-	-	-	-	-	-	-	450	14.33	0	-	0	-	125	3.98	-	-		
12	3000	95.54	-	-	-	500	15.92	-	-	-	700	22.29	-	-	0	-	0	-	0	-	-	-	820	26.11	
13	100	3.18	-	-	300	9.55	-	-	-	-	-	-	-	0	-	0	-	0	-	-	-	-	800	25.48	
14	0	-	-	-	300	9.55	-	-	-	-	-	-	-	0	-	0	-	0	-	-	-	-	525	16.72	
15	950	30.25	-	-	-	-	-	-	-	250	7.96	-	-	0	-	0	-	0	-	425	13.54	2,500	79.62		
16	50	1.59	-	-	-	-	-	-	-	100	3.18	-	-	0	-	0	-	0	-	-	-	2,250	71.66		
17	-	-	400	12.74	-	-	-	-	-	-	-	-	-	0	-	0	-	0	-	-	-	2,850	90.76		
18	-	-	1,950	62.10	-	-	-	-	500	15.92	-	-	-	0	-	0	-	0	-	75	2.39	850	27.07		
19	150	4.78	700	22.29	-	-	-	-	-	-	-	-	-	0	-	0	-	0	-	2,625	83.60	-	2,500	79.62	
20	50	1.59	400	12.74	-	-	-	-	1,300	41.40	-	-	-	0	-	0	-	0	-	-	-	-	2,150	68.47	
21	-	-	300	9.55	-	-	500	15.92	1,300	41.40	-	-	-	0	-	0	-	0	-	-	-	-	3,100	98.73	
22	-	-	-	-	500	15.92	800	25.48	425	13.54	-	-	-	0	-	0	-	0	-	-	-	-	3,000	95.54	
23	-	-	-	-	-	-	-	-	425	13.54	-	-	-	0	-	0	-	0	-	-	-	-	-	-	
24	-	-	200	6.37	-	-	-	-	425	13.54	-	-	-	0	-	0	-	0	-	-	-	750	23.89	-	-
25	-	-	-	-	150	4.78	-	-	425	13.54	-	-	-	0	-	0	-	0	-	565	17.99	175	5.57	-	-
26	-	-	150	4.78	350	11.15	-	-	-	-	-	-	-	0	-	0	-	0	-	-	-	-	-	-	
27	-	-	550	17.52	-	-	-	-	-	-	-	-	-	0	-	0	-	0	-	-	-	-	575	18.31	
28	-	-	-	-	950	30.25	1,500	47.77	-	-	-	-	-	0	-	0	-	0	-	-	-	1,000	31.85	600	19.11
29	-	-	-	-	1,000	31.85	-	-	-	-	-	-	-	0	-	0	-	0	-	-	-	1,375	43.79	1,400	44.59
30	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	0	-	0	-	-	-	600	19.11	-	-
31	-	-	-	-	700	22.29	-	-	-	-	-	-	-	0	-	0	-	0	-	1,000	31.85	-	-	500	15.92
<b>Total</b>	<b>434.71</b>	<b>Total</b>	<b>281.85</b>	<b>Total</b>	<b>296.18</b>	<b>Total</b>	<b>141.72</b>	<b>Total</b>	<b>178.34</b>	<b>Total</b>	<b>30.25</b>	<b>Total</b>	<b>46.18</b>	<b>Total</b>	<b>28.66</b>	<b>Total</b>	<b>3.18</b>	<b>Total</b>	<b>251.75</b>	<b>Total</b>	<b>205.10</b>	<b>Total</b>	<b>1,005.41</b>		
<b>Max</b>	<b>95.54</b>	<b>Max</b>	<b>85.99</b>	<b>Max</b>	<b>55.73</b>	<b>Max</b>	<b>47.77</b>	<b>Max</b>	<b>41.40</b>	<b>Max</b>	<b>15.92</b>	<b>Max</b>	<b>23.89</b>	<b>Max</b>	<b>14.33</b>	<b>Max</b>	<b>3.18</b>	<b>Max</b>	<b>83.60</b>	<b>Max</b>	<b>43.79</b>	<b>Max</b>	<b>98.73</b>		
<b>Min</b>	<b>0.00</b>	<b>Min</b>	<b>0.00</b>	<b>Min</b>	<b>0.00</b>	<b>Min</b>	<b>0.00</b>	<b>Min</b>	<b>0.00</b>	<b>Min</b>	<b>0.00</b>	<b>Min</b>	<b>0.00</b>	<b>Min</b>	<b>0.00</b>	<b>Min</b>	<b>0.00</b>	<b>Min</b>	<b>0.00</b>	<b>Min</b>	<b>0.00</b>	<b>Min</b>	<b>0.00</b>		
<b>Rata-Rata</b>	<b>13.25</b>	<b>Rata-Rata</b>	<b>25.62</b>	<b>Rata-Rata</b>	<b>21.16</b>	<b>Rata-Rata</b>	<b>5.51</b>	<b>Rata-Rata</b>	<b>4.38</b>	<b>Rata-Rata</b>	<b>2.65</b>	<b>Rata-Rata</b>	<b>3.18</b>	<b>Rata-Rata</b>	<b>3.54</b>	<b>Rata-Rata</b>	<b>1.59</b>	<b>Rata-Rata</b>	<b>3.54</b>	<b>Rata-Rata</b>	<b>2.73</b>	<b>Rata-Rata</b>	<b>30.91</b>		
<b>Hari Hujan</b>	<b>17</b>	<b>Hari Hujan</b>	<b>11</b>	<b>Hari Hujan</b>	<b>14</b>	<b>Hari Hujan</b>	<b>9</b>	<b>Hari Hujan</b>	<b>8</b>	<b>Hari Hujan</b>	<b>4</b>	<b>Hari Hujan</b>	<b>2</b>	<b>Hari Hujan</b>	<b>2</b>	<b>Hari Hujan</b>	<b>1</b>	<b>Hari Hujan</b>	<b>7</b>	<b>Hari Hujan</b>	<b>10</b>	<b>Hari Hujan</b>	<b>4</b>		
<b>Rata-Rata / Hujan</b>	<b>25.57</b>		<b>25.62</b>		<b>21.16</b>		<b>15.75</b>		<b>22.29</b>		<b>7.56</b>		<b>23.09</b>		<b>14.33</b>		<b>3.18</b>		<b>35.96</b>		<b>18.65</b>		<b>54.97</b>		

Lampiran 3. Data curah hujan tahun 2021

TGL	JANUARI		FEBRUARI		MARET		APRIL		MEI		JUNI		JULI		AGUSTUS		SEPTEMBER		OKTOBER		NOVEMBER		DESEMBER	
	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)
1	500	15.92	200	6.37	250	7.96	-	-	-	-	-	-	-	-	-	-	-	-	-	750	23.89	-	-	
2	500	15.92	200	6.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	7.96	750	23.89	-	-
3	1,000	31.85	1,050	33.44	-	-	-	-	2,600	82.80	1,050	-	-	-	-	-	-	1,440	45.86	600	19.11	-	-	
4	2,500	79.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,100	35.03	300	9.55	
5	1,000	31.85	-	-	-	-	1,100	35.03	-	-	-	-	-	-	-	-	-	-	-	100	3.18	1,000	31.85	
6	-	-	-	-	650	20.70	900	28.66	1,500	47.77	-	-	-	-	-	-	-	-	-	-	-	8,500	270.70	
7	-	-	-	-	650	20.70	800	25.48	-	-	-	-	270	8.60	-	-	-	-	-	-	-	1,600	50.96	
8	-	-	-	-	-	-	-	-	-	-	-	-	200	6.37	-	-	-	-	-	700	22.29	-	-	
9	-	-	-	-	7,900	251.59	-	-	1,800	57.32	-	-	600	19.11	-	-	-	-	-	100	3.18	-	-	
10	1000	31.85	-	-	800	25.48	300	9.55	-	-	-	-	-	-	-	-	-	-	-	800	25.48	-	-	
11	500	15.92	-	-	700	22.29	350	11.15	-	-	-	-	100	3.18	-	-	-	-	-	300	9.55	350	11.15	
12	500	15.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	800	25.48	300	9.55	
13	200	6.37	1,400	44.59	100	3.18	-	-	-	-	500	15.92	-	-	-	-	-	-	-	-	-	50	1.59	
14	-	-	1,200	38.22	400	12.74	-	-	-	-	700	22.29	-	-	-	-	-	2,600	82.80	200	6.37	-	-	
15	-	-	600	19.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16	2,900	92.36	-	-	100	3.18	-	-	-	-	800	25.48	-	-	-	-	-	-	-	100	3.18	-	-	
17	3,000	95.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,000	63.69	1,200	38.22	-	-	
18	2,100	66.88	1,000	31.85	-	-	-	-	-	-	-	-	-	-	-	-	-	500	15.92	100	3.18	200	6.37	
19	1,200	38.22	500	15.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500	15.92	
20	1,000	31.85	600	19.11	-	-	-	-	-	-	-	-	-	-	-	850	27.07	700	22.29	-	-	1,950	62.10	
21	800	25.48	1,000	31.85	-	-	-	-	-	-	100	3.18	-	-	-	-	-	-	-	600	19.11	875	27.87	
22	-	-	1,100	35.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,350	42.99	
23	1,000	31.85	-	-	-	-	-	-	-	-	1,870	59.55	-	-	-	-	-	250	7.96	200	6.37	-	-	
24	1,400	44.59	-	-	2,400	76.43	-	-	-	-	1,870	59.55	-	-	-	-	-	250	7.96	75	2.39	-	-	
25	100	3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26	-	-	400	12.74	-	-	-	-	-	-	720	22.93	-	-	-	-	-	-	900	28.66	-	-	-	
27	1,000	31.85	2,500	79.62	-	-	-	-	-	-	-	-	-	-	-	-	-	100	3.18	-	-	900	28.66	
28	1,300	41.40	2,500	79.62	-	-	-	-	-	-	-	-	-	600	19.11	-	-	-	-	1,500	47.77	100	3.18	
29	-	-	-	-	-	-	-	-	-	-	-	-	-	600	19.11	-	-	-	-	3,000	95.54	600	19.11	
30	900	28.66	-	-	1,700	54.14	-	-	-	-	-	-	-	-	-	-	-	-	-	570	18.15	200	6.37	
31	500	15.92	-	-	1,700	54.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	792.99	Total	453.82	Total	552.55	Total	109.87	Total	187.90	Total	186.94	Total	62.74	Total	38.22	Total	27.07	Total	286.31	Total	431.37	Total	597.93	
Max	95.54	Max	79.62	Max	251.59	Max	35.03	Max	82.80	Max	59.55	Max	25.48	Max	19.11	Max	27.07	Max	82.80	Max	95.54	Max	270.70	
Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	
Rata-Rata	25.25	Rata-Rata	41.26	Rata-Rata	39.47	Rata-Rata	6.86	Rata-Rata	15.92	Rata-Rata	1.17	Rata-Rata	0.45	Rata-Rata	4.78	Rata-Rata	-	Rata-Rata	17.52	Rata-Rata	7.14	Rata-Rata	23.84	
Hari Hujan	17	Hari Hujan	11	Hari Hujan	14	Hari Hujan	9	Hari Hujan	8	Hari Hujan	4	Hari Hujan	2	Hari Hujan	2	Hari Hujan	1	Hari Hujan	7	Hari Hujan	10	Hari Hujan	4	
Rata-Rata / Hujan	23.98		17.37		7.05		9.91		-		-		4.30		-		-	2.27		18.51		28.88		

Lampiran 4. Data curah hujan tahun 2022

TGL	JANUARI		FEBRUARI		MARET		APRIL		MEI		JUNI		JULI		AGUSTUS		SEPTEMBER		OKTOBER		NOVEMBER		DESEMBER	
	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)
1	2.000	63.69		-		-		-		-		-		-		-		-	1.250	39.81	700	22.29	500	15.92
2	1.700	54.14	100	3.18		-		-		-		-		-		-		-	850	27.07	600	19.11	200	6.37
3	300	9.55	400	12.74		-	200	6.37		-	1.200	38.22	100	3.18		-		-	700	22.29	500	15.92	100	3.18
4	200	6.37		-		-		-		-	2.000	63.69	800	25.48		-	600	19.11	300	9.55	100	3.18	100	3.18
5	1.600	50.96		-		-	100	3.18	100	3.18	4.000	127.39		-		-		-	600	19.11	1.100	35.03	150	4.78
6	1.250	39.81		-		-		-	150	4.78		-		-		-		-		-		-	100	3.18
7		-	100	3.18		-		-	100	3.18	50	1.59		-	400	12.74		-	200	6.37		-		-
8	100	3.18		-		-		-	700	22.29		-		-	70	2.23	700	22.29	200	6.37	700	22.29		-
9	150	4.78		-		-		-	2.800	89.17		-		-		-		-	300	9.55	100	3.18		-
10		-		-		-	200	6.37	200	6.37		-		-	200	6.37		-	500	15.92	800	25.48		-
11	100	3.18		-		-		-		-	150	4.78		-		-		-	100	3.18	300	9.55		-
12		-		-		-		-		-	900	28.66		-		-		-	100	3.18	800	25.48	200	6.37
13	200	6.37	500	15.92	200	6.37	200	6.37		-	50	1.59		-		-		-	500	15.92		-	500	15.92
14		-		-	200	6.37		-		-	50	1.59	200	6.37	500	15.92		-	750	23.89	200	6.37	200	6.37
15		-		-	200	6.37		-	500	15.92		-		-	500	15.92		-	300	9.55	100	3.18	150	4.78
16	500	15.92	100	3.18	200	6.37		-	1.000	31.85		-		-		-		-	450	14.33		-	280	8.92
17		-		-		-		-		-		-	250	7.96		-		-		-	4.000	127.39	650	20.70
18	1.000	31.85		-		-		-	100	3.18	50	1.59		-		-		-	1.450	46.18	4.000	127.39	100	3.18
19	2.300	73.25		-		-		-		-		-		-		-	300	9.55	100	3.18	1.700	54.14	250	7.96
20	1.900	60.51	2.500	79.62		-		-		-		-		-		-	500	15.92		-	500	15.92	450	14.33
21	4.400	140.13	1.750	55.73		-		-		-	50	1.59		-		-	250	7.96		-		-	700	22.29
22		-	2.000	63.69		-		-		-		-	100	3.18		-		-	650	20.70	1.500	47.77	600	19.11
23	50	1.59		-		-		-		-		-		-		-		-	650	20.70	500	15.92	4.000	127.39
24		-		-		-	650	20.70	100	3.18		-		-	200	6.37		-	600	19.11	200	6.37	3.000	95.54
25		-		-		-	900	28.66		-		-		-	50	1.59		-		-	100	3.18	700	22.29
26		-		-		-	700	22.29	500	15.92	100	3.18	200	6.37		-		-	200	6.37	300	9.55	850	27.07
27		-		-		-		-		-	50	1.59		-		-		-		-	350	11.15	1.000	31.85
28		-		-		-		-		-		-		-		-		-		-	100	3.18	500	15.92
29		-		-		-		-		-		-		-		-	500	15.92		-		-	1.500	47.77
30		-		-		-		-		-	120	3.82		-		-	50	1.59		-	100	3.18	2.000	63.69
31	200	6.37		-		-		-		-		-		-		-		-		-		-		-
Total	571.66		237.26		25.48		93.95		199.04		279.30		52.55		61.15		92.36		342.36		616.24		598.09	
Max	140.13		79.62		6.37		28.66		89.17		127.39		25.48		15.92		22.29		46.18		127.39		127.39	
Min	0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	
Rata-Rata	19.17		21.57		1.82		1.22		1.59		1.59		-		4.54		-		16.30		25.68		23.92	
Hari Hujan	17		11		14		9		8		4		2		2		1		7		10		4	
Rata-Rata / Hujan	18.44		7.91		0.82		3.03		6.63		9.01		-		3.18		-		11.60		16.50		14.21	

Lampiran 5. Data curah hujan tahun 2023

TGL	JANUARI		FEBRUARI		MARET		APRIL		MEI		JUNI		JULI		AGUSTUS		SEPTEMBER		OKTOBER		NOVEMBER		DESEMBER		
	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	DATA (ml)	CH (mm)	
1	2.000	63.69	1.250	39.81	-	-	100	3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	4.500	143.31	1.220	38.85	1.000	31.85	300	9.55	-	-	-	-	100	3.18	-	-	-	-	-	-	-	-	-	-	
3	4.000	127.39	2.050	66.29	650	20.70	-	-	-	-	100	3.18	70	2.23	-	-	-	-	-	-	-	-	-	-	
4	5.000	159.24	2.950	93.95	1.100	36.03	100	3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	1.000	31.85	-	-	900	28.66	-	-	-	-	200	6.37	-	-	-	-	-	-	-	-	-	-	-	-	
6	-	-	-	-	125	3.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	-	-	525	16.72	200	6.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8	-	-	535	17.04	-	-	-	-	125	3.98	-	-	-	-	-	-	-	-	-	-	1.000	31.85	-	-	
9	-	-	645	20.54	1.200	38.22	1.550	49.36	50	1.59	-	-	-	-	-	-	-	-	-	-	1.150	36.62	-	-	
10	500	15.92	-	-	-	-	1.700	54.14	-	-	120	3.82	-	-	-	-	-	-	-	-	-	-	-	-	
11	-	-	-	-	-	-	1.270	40.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	-	-	1.000	31.85	135	4.30	-	-	200	-	-	-	-	-	-	-	-	-	-	-	920	29.30	-	-	
13	-	-	3.000	95.54	-	-	1.970	62.74	-	-	-	-	-	-	-	-	-	-	-	-	750	23.89	-	-	
14	-	-	2.000	63.69	110	3.50	-	-	225	7.17	-	-	-	-	-	-	-	-	-	-	660	21.02	-	-	
15	-	-	2.500	79.62	65	2.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16	-	-	1.000	31.85	70	2.23	175	5.57	150	4.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	200	6.37	1.500	47.77	-	-	75	2.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18	-	-	500	15.92	-	-	125	3.98	-	-	-	-	-	-	-	-	-	-	-	-	1.000	31.85	-	-	
19	-	-	1.000	31.85	-	-	1.880	59.87	-	-	-	-	-	-	-	-	-	-	-	-	250	7.96	-	-	
20	500	15.92	850	27.07	125	3.98	1.800	57.32	250	7.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	-	-	458	14.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	-	-	500	15.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	700	22.29	500	15.92	-	-	-	-	-	-	125	3.98	-	-	-	-	-	-	1.750	55.73	-	-	200	6.37	
24	1.500	47.77	300	9.55	700	22.29	-	-	-	-	100	3.18	-	-	-	-	-	-	770	24.52	-	-	-	-	
25	1.000	31.85	800	25.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225	7.17	
26	500	15.92	1.000	31.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27	200	6.37	-	-	1.000	31.85	-	-	100	3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	155	4.94
28	150	4.78	-	-	-	-	-	-	-	-	155	4.94	-	-	-	-	-	-	-	-	-	-	-	-	-
29	100	3.18	-	-	300	9.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	200	6.37	-	-	200	6.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	2.55
Total	702.23		Total	830.67	Total	250.96	Total	351.75	Total	28.66	Total	25.48	Total	5.41	Total	0.00	Total	0.00	Total	80.25	Total	182.48	Total	21.02	
Max	159.24		Max	95.54	Max	38.22	Max	62.74	Max	7.96	Max	6.37	Max	3.18	Max	-	Max	-	Max	55.73	Max	36.62	Max	7.17	
Min	0.00		Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	Min	0.00	
Rata-Rata	23.94		Rata-Rata	75.52	Rata-Rata	17.93	Rata-Rata	9.48	Rata-Rata	1.06	Rata-Rata	0.85	Rata-Rata	-	Rata-Rata	-	Rata-Rata	-	Rata-Rata	6.19	Rata-Rata	6.41	Rata-Rata	0.91	
Hari Hujan	17		Hari Hujan	11	Hari Hujan	14	Hari Hujan	9	Hari Hujan	8	Hari Hujan	4	Hari Hujan	2	Hari Hujan	2	Hari Hujan	1	Hari Hujan	7	Hari Hujan	10	Hari Hujan	4	
Rata-Rata / Hujan	23.41			27.69		8.37		11.73		0.99		0.85		-		-		-		6.22				0.27	