

LAMPIRAN 2

Data hujan

Tabel curah hujan bulanan (P_b)

| Curah Hujan Bulanan (P_b) (mm) | | | | | | | |
|------------------------------------|-------|------|------|------|------|--------|------------|
| BULAN | TAHUN | | | | | JUMLAH | RATA-RATA |
| | 2010 | 2011 | 2012 | 2013 | 2014 | | |
| Januari | 298 | 357 | 348 | 550 | 365 | 1918 | 383,6 |
| Febuari | 254 | 416 | 181 | 447 | 281 | 1579 | 315,8 |
| Maret | 257 | 253 | 265 | 164 | 173 | 1112 | 222,4 |
| April | 205 | 180 | 117 | 297 | 217 | 1016 | 203,2 |
| Mei | 396 | 337 | 111 | 377 | 39 | 1260 | 252 |
| Juni | 171 | 0 | 2 | 234 | 141 | 548 | 109,6 |
| Juli | 148 | 0 | 5 | 145 | 153 | 451 | 90,2 |
| Agustus | 48 | 0 | 0 | 0 | 0 | 48 | 9,6 |
| September | 247 | 0 | 5 | 0 | 0 | 252 | 50,4 |
| Oktober | 323 | 15 | 49 | 86 | 0 | 473 | 94,6 |
| November | 287 | 385 | 315 | 328 | 291 | 1606 | 321,2 |
| Desember | 401 | 370 | 308 | 695 | 603 | 2377 | 475,4 |
| RATA-RATA CURAH HUJAN (5THN) | | | | | | | 210,666667 |
| | | | | | | | 21,06 cm |

Tabel jumlah hari hujan (n)

| Jumlah hari hujan per bulan (N) | | | | | | | |
|---------------------------------|-------|------|------|------|------|--------|------------|
| BULAN | TAHUN | | | | | JUMLAH | RATA-RATA |
| | 2010 | 2011 | 2012 | 2013 | 2014 | | |
| Januari | 22 | 21 | 18 | 19 | 27 | 107 | 21,4 |
| Febuari | 18 | 20 | 18 | 16 | 15 | 87 | 17,4 |
| Maret | 18 | 23 | 18 | 11 | 11 | 81 | 16,2 |
| April | 11 | 12 | 9 | 12 | 16 | 60 | 12 |
| Mei | 19 | 11 | 5 | 12 | 3 | 50 | 10 |
| Juni | 7 | 0 | 1 | 10 | 3 | 21 | 4,2 |
| Juli | 10 | 0 | 1 | 12 | 7 | 30 | 6 |
| Agustus | 5 | 0 | 0 | 0 | 0 | 5 | 1 |
| September | 17 | 0 | 1 | 0 | 0 | 18 | 3,6 |
| Oktober | 19 | 6 | 5 | 5 | 0 | 35 | 7 |
| November | 19 | 18 | 17 | 18 | 17 | 89 | 17,8 |
| Desember | 17 | 22 | 23 | 19 | 22 | 103 | 20,6 |
| RATA-RATA HARI HUJAN (5THN) | | | | | | | 11,4333333 |

Tabel hujan maksimal (P_{max})

| Jumlah hujan maksimum (P_{max}) (mm) | | | | | | | |
|--|-------|------|------|------|------|--------|-----------|
| BULAN | TAHUN | | | | | JUMLAH | RATA-RATA |
| | 2010 | 2011 | 2012 | 2013 | 2014 | | |
| Januari | 68 | 57 | 88 | 102 | 73 | 388 | 77,6 |
| Febuari | 48 | 94 | 35 | 118 | 60 | 355 | 71 |
| Maret | 50 | 32 | 52 | 43 | 43 | 220 | 44 |
| April | 57 | 39 | 47 | 79 | 60 | 282 | 56,4 |
| Mei | 123 | 97 | 52 | 115 | 19 | 406 | 81,2 |
| Juni | 57 | 0 | 2 | 69 | 82 | 210 | 42 |
| Juli | 66 | 0 | 5 | 46 | 63 | 180 | 36 |
| Agustus | 28 | 0 | 0 | 0 | 0 | 28 | 5,6 |
| September | 84 | 0 | 5 | 0 | 0 | 89 | 17,8 |
| Oktober | 75 | 5 | 22 | 37 | 0 | 139 | 27,8 |
| November | 80 | 127 | 52 | 61 | 49 | 369 | 73,8 |
| Desember | 110 | 100 | 76 | 245 | 97 | 628 | 125,6 |
| RATA-RATA HUJAN MAKS (5THN) | | | | | | | 54,9 |
| | | | | | | | 5,49 cm |

$$EI_{30} = 6.116 \times P_b^{1.211} \times N^{-0.47} \times P_{max}^{0.526}$$

$$EI_{30} = 6.116 \times (21,06)^{1.211} \times (11,43)^{-0.47} \times (5,49)^{0.526}$$

$$EI_{30} = 145,1751 \text{ cm}$$