



LAMPIRAN

Data Stasiun Hujan



BADAN METEOROLOGI, KLIMATOLOGI, DAN GEOFISIKA BALAI BESAR METEOROLOGI, KLIMATOLOGI, DAN GEOFISIKA WILAYAH II

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CURAH HUJAN MAKSIMUM BULANAN (Dalam mm)

Nama Stasiun : Meteorologi Curug
No. Stasiun : 96739

Koordinat : 06° 14' LS - 106° 39' BT
Elevasi : 46 meter

| TAHUN | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------|------|-------|------|------|------|------|-------|------|------|-------|-------|------|
| 2013 | 57,7 | 53,2 | 95,5 | 59,5 | 79,5 | 95,5 | 103,4 | 42,2 | 18,6 | 33,9 | 37,8 | 85,0 |
| 2014 | 86,0 | 112,5 | 48,0 | 29,5 | 47,0 | 39,8 | 57,0 | 45,3 | 54,5 | 5,0 | 58,2 | 49,0 |
| 2015 | 50,6 | 152,5 | 89,1 | 85,1 | 31,8 | 9,0 | 0,0 | 9,7 | 2,7 | 4,0 | 106,0 | 24,6 |
| 2016 | 42,0 | 69,5 | 66,0 | 89,0 | 55,5 | 32,7 | 45,5 | 52,0 | 57,6 | 77,6 | 103,5 | 23,5 |
| 2017 | 64,0 | 37,5 | 85,5 | 86,7 | 93,3 | 71,3 | 45,1 | 30,6 | 95,5 | 162,6 | 49,0 | 30,5 |
| 2018 | 19,0 | 47,5 | 78,0 | 66,5 | 61,0 | 69,1 | 0,0 | 7,0 | 23,0 | 30,2 | 51,8 | 60,4 |
| 2019 | 82,8 | 65,7 | 31,1 | 93,0 | 60,4 | 32,7 | 13,0 | 29,3 | 0,0 | 1,3 | 53,5 | 54,5 |
| 2020 | 58,5 | 118,6 | 80,8 | 66,4 | 40,5 | 33,5 | 22,5 | 48,8 | 73,1 | 141,0 | 59,3 | 45,4 |

Nama Stasiun : Klimatologi Pondok Betung
No. Stasiun : 96733

Koordinat : 06° 15' 20,8" LS - 106° 45' BT
Elevasi : 26,2 meter

| TAHUN | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|
| 2011 | 29,6 | 26,7 | 21,5 | 61,9 | 22,5 | 37,7 | 27 | 0 | 40,3 | 13,7 | 17 | 27,9 |
| 2012 | 49,2 | 70,3 | 29,4 | 74,4 | 59,2 | 43,4 | 7,3 | 8,5 | 5,3 | 20 | 63,6 | 79,8 |
| 2013 | 94,0 | 40,0 | 32,5 | 79,8 | 66,5 | 21,0 | 77,8 | 55,5 | 16,5 | 58,6 | 70,6 | 96,0 |
| 2014 | 81,6 | 119,5 | 25,0 | 51,2 | 57,8 | 76,0 | 46,2 | 68,5 | 20,0 | 13,3 | 58,8 | 35,6 |
| 2015 | 87,3 | 117,0 | 47,7 | 38,5 | 35,5 | 33,0 | 0,0 | 7,2 | 2,0 | 10,0 | 25,3 | 13,2 |
| 2016 | 56,0 | 67,0 | 44,2 | 77,5 | 52,2 | 43,5 | 50,5 | 58,0 | 60,5 | 41,0 | 97,0 | 17,5 |
| 2017 | 48,0 | 73,8 | 65,6 | 57,8 | 58,0 | 33,0 | 36,0 | 6,0 | 64,0 | 46,2 | 80,2 | 69,2 |
| 2018 | 26,0 | 38,3 | 36,8 | 86,3 | 45,8 | 26,5 | 1,5 | 3,8 | 43,5 | 27,0 | 65,4 | 84,0 |
| 2019 | 46,0 | 77,4 | 31,6 | 49,6 | 73,4 | 0,0 | 3,0 | 0,0 | 0,0 | 0,0 | 76,0 | 41,7 |
| 2020 | 208,9 | 86,7 | 44,6 | 79,5 | 70,2 | 14,2 | 34,9 | 37,2 | 92,8 | 79,1 | 34,7 | 46,5 |

Nama Stasiun : Geofisika Tangerang
No. Stasiun : 96735

Koordinat : 06° 11' LS - 106° 36' BT
Elevasi : 14 meter

| TAHUN | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|------|
| 2011 | 23,1 | 97,7 | 40,0 | 85,1 | 44,5 | 48,0 | 57,2 | 0,0 | 6,2 | 10,0 | 10,8 | 67,4 |
| 2012 | 29,1 | 35,5 | 51,0 | 61,3 | 72,5 | 26,1 | 1,6 | 7,5 | 2,5 | 29,0 | 26,0 | 27,0 |
| 2013 | 100,5 | 79,0 | 51,2 | 32,5 | 42,0 | 74,0 | 69,0 | 11,7 | 54,3 | 26,3 | 46,0 | 85,3 |
| 2014 | 117,5 | 116,0 | 110,0 | 17,7 | 45,6 | 24,4 | 70,0 | 23,2 | 17,4 | 19,2 | 23,9 | 79,0 |
| 2015 | 48,6 | 78,4 | 37,7 | 69,8 | 35,5 | 18,5 | 0,0 | 0,0 | 0,0 | 2,0 | 17,0 | 51,3 |
| 2016 | 52,0 | 115,0 | 45,5 | 73,5 | 83,6 | 92,0 | 49,5 | 43,5 | 20,7 | 54,5 | 136,0 | 37,4 |
| 2017 | 58,0 | 92,5 | 54,8 | 5,3 | 33,0 | 71,1 | 72,0 | 10,4 | 76,0 | 42,5 | 45,1 | 34,4 |
| 2018 | 42,5 | 57,8 | 21,0 | 105,0 | 24,0 | 43,0 | 0,2 | 0,0 | 32,5 | 26,5 | 54,5 | 29,5 |
| 2019 | 69,5 | 32,5 | 56,0 | 67,5 | 30,4 | 20,8 | 0,4 | 0,8 | 3,2 | 10,4 | 17,5 | 77,0 |
| 2020 | 186,3 | 107,8 | 78,3 | 52,0 | 41,5 | 27,0 | 47,3 | 44,0 | 25,5 | 53,8 | 4,6 | 27,0 |

PIh. Sub Koordinator
Bidang Manajemen Data

Tangerang Selatan, 15 Oktober 2021
Pengolah data

ASLIMAH, S.Si

ISMI AMALIA, S.Si



Survey Lapangan



Tabel Distribusi Gumbel

| Tabel Yn dan Sn Distribusi Gumbel | | |
|--|-----------|-----------|
| n | Yn | Sn |
| 5 | 0,4588 | 0,7928 |
| 6 | 0,4690 | 0,8388 |
| 7 | 0,4774 | 0,8749 |
| 8 | 0,4843 | 0,9043 |
| 9 | 0,4902 | 0,9288 |
| 10 | 0,4952 | 0,9496 |
| 11 | 0,4996 | 0,9676 |
| 12 | 0,5035 | 0,9833 |
| 13 | 0,5070 | 0,9971 |
| 14 | 0,5100 | 1,0095 |
| 15 | 0,5128 | 1,0206 |
| 16 | 0,5157 | 1,0316 |
| 17 | 0,5181 | 1,0411 |
| 18 | 0,5202 | 1,0493 |
| 19 | 0,5220 | 1,0565 |
| 20 | 0,5236 | 1,0628 |
| 21 | 0,5252 | 1,0696 |
| 22 | 0,5269 | 1,1754 |
| 23 | 0,5283 | 1,0811 |
| 24 | 0,5296 | 1,0864 |
| 25 | 0,5309 | 1,0915 |
| 26 | 0,5320 | 1,0961 |
| 27 | 0,5332 | 1,1004 |
| 28 | 0,5343 | 1,1047 |
| 29 | 0,5353 | 1,1086 |
| 30 | 0,5362 | 1,1124 |
| 31 | 0,5371 | 1,1159 |
| 32 | 0,5380 | 1,1193 |
| 33 | 0,5388 | 1,1226 |
| 34 | 0,5396 | 1,1255 |
| 35 | 0,5402 | 1,1285 |
| 36 | 0,5410 | 1,1313 |
| 37 | 0,5418 | 1,1339 |
| 38 | 0,5424 | 1,1363 |

Tabel Nilai Kritis (Dcr) Untuk Uji Kolmogorov-Smirnov

| Ukuran Sampel | Level of Significance α (persen) | | | | |
|------------------------|---|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| | 20 | 15 | 10 | 5 | 1 |
| 1 | 0,900 | 0,925 | 0,950 | 0,975 | 0,995 |
| 2 | 0,684 | 0,726 | 0,776 | 0,842 | 0,929 |
| 3 | 0,565 | 0,597 | 0,642 | 0,708 | 0,829 |
| 4 | 0,494 | 0,525 | 0,564 | 0,624 | 0,734 |
| 5 | 0,446 | 0,474 | 0,510 | 0,563 | 0,669 |
| 6 | 0,410 | 0,436 | 0,470 | 0,521 | 0,618 |
| 7 | 0,381 | 0,405 | 0,438 | 0,486 | 0,577 |
| 8 | 0,358 | 0,381 | 0,411 | 0,457 | 0,543 |
| 9 | 0,339 | 0,360 | 0,388 | 0,432 | 0,514 |
| 10 | 0,322 | 0,342 | 0,368 | 0,409 | 0,486 |
| 11 | 0,307 | 0,326 | 0,352 | 0,391 | 0,468 |
| 12 | 0,295 | 0,313 | 0,338 | 0,375 | 0,450 |
| 13 | 0,284 | 0,302 | 0,325 | 0,361 | 0,433 |
| 14 | 0,274 | 0,292 | 0,314 | 0,349 | 0,418 |
| 15 | 0,266 | 0,283 | 0,304 | 0,338 | 0,404 |
| 16 | 0,258 | 0,274 | 0,295 | 0,328 | 0,391 |
| 17 | 0,250 | 0,266 | 0,286 | 0,318 | 0,380 |
| 18 | 0,244 | 0,259 | 0,278 | 0,309 | 0,370 |
| 19 | 0,237 | 0,252 | 0,272 | 0,301 | 0,361 |
| 20 | 0,231 | 0,246 | 0,264 | 0,294 | 0,352 |
| Rumus Asimtotik | $1.07/(n)^{0.5}$ | $1.14/(n)^{0.5}$ | $1.22/(n)^{0.5}$ | $1.36/(n)^{0.5}$ | $1.63/(n)^{0.5}$ |

Tabel Nilai Kritis Untuk Distribusi Chi Square (uji satu sisi)

| dk | α derajat kepercayaan | | | | | | | |
|----|------------------------------|--------|--------|--------|--------|--------|--------|--------|
| | 0,995 | 0,99 | 0,975 | 0,95 | 0,05 | 0,025 | 0,01 | 0,005 |
| 1 | 0,000 | 0,000 | 0,001 | 0,004 | 3,841 | 5,024 | 6,635 | 7,879 |
| 2 | 0,010 | 0,020 | 0,051 | 0,103 | 5,991 | 7,378 | 9,210 | 10,597 |
| 3 | 0,072 | 0,115 | 0,216 | 0,352 | 7,815 | 9,348 | 11,345 | 12,838 |
| 4 | 0,207 | 0,297 | 0,484 | 0,711 | 9,488 | 11,143 | 13,277 | 14,860 |
| 5 | 0,412 | 0,554 | 0,831 | 1,145 | 11,070 | 12,832 | 15,086 | 16,750 |
| 6 | 0,676 | 0,872 | 1,237 | 1,635 | 12,592 | 14,449 | 16,812 | 18,548 |
| 7 | 0,989 | 1,239 | 1,690 | 2,167 | 14,067 | 16,013 | 18,475 | 20,278 |
| 8 | 1,344 | 1,646 | 2,180 | 2,733 | 15,507 | 17,535 | 20,090 | 21,955 |
| 9 | 1,735 | 2,088 | 2,700 | 3,325 | 16,919 | 19,023 | 21,666 | 23,589 |
| 10 | 2,156 | 2,558 | 3,247 | 3,940 | 18,307 | 20,483 | 23,209 | 25,188 |
| 11 | 2,603 | 3,053 | 3,816 | 4,575 | 19,675 | 21,920 | 24,725 | 26,757 |
| 12 | 3,074 | 3,571 | 4,404 | 5,226 | 21,026 | 23,337 | 26,217 | 28,300 |
| 13 | 3,565 | 4,107 | 5,009 | 5,892 | 22,362 | 24,736 | 27,688 | 28,819 |
| 14 | 4,075 | 4,660 | 5,629 | 6,571 | 23,685 | 26,119 | 29,141 | 31,319 |
| 15 | 4,601 | 5,229 | 6,262 | 7,261 | 24,996 | 27,488 | 30,578 | 32,801 |
| 16 | 5,142 | 5,812 | 6,908 | 7,962 | 26,296 | 28,845 | 32,000 | 34,267 |
| 17 | 5,697 | 6,408 | 7,564 | 8,672 | 27,587 | 30,191 | 33,409 | 35,718 |
| 18 | 6,265 | 7,015 | 8,231 | 9,390 | 28,869 | 31,526 | 34,805 | 37,156 |
| 19 | 6,844 | 7,633 | 8,907 | 10,117 | 30,144 | 32,852 | 36,191 | 38,582 |
| 20 | 7,434 | 8,260 | 9,591 | 10,851 | 31,410 | 34,170 | 37,566 | 39,997 |
| 21 | 8,034 | 8,897 | 10,283 | 11,591 | 32,671 | 35,479 | 38,932 | 41,401 |
| 22 | 8,643 | 9,542 | 10,982 | 12,338 | 33,924 | 36,781 | 40,289 | 42,976 |
| 23 | 9,260 | 10,196 | 11,689 | 13,091 | 36,172 | 38,076 | 41,638 | 44,181 |
| 24 | 9,886 | 10,856 | 12,401 | 13,848 | 36,415 | 39,364 | 42,980 | 45,558 |
| 25 | 10,520 | 11,524 | 13,120 | 14,611 | 37,652 | 40,646 | 44,314 | 46,928 |
| 26 | 11,160 | 12,198 | 13,844 | 15,379 | 38,885 | 41,923 | 45,642 | 48,290 |
| 27 | 11,808 | 12,879 | 14,573 | 16,151 | 40,113 | 43,194 | 46,963 | 49,645 |
| 28 | 12,461 | 13,565 | 15,308 | 16,928 | 41,337 | 44,461 | 48,278 | 50,993 |
| 29 | 13,121 | 14,256 | 16,407 | 17,708 | 42,557 | 45,722 | 49,588 | 52,336 |
| 30 | 13,787 | 14,953 | 16,791 | 18,493 | 43,773 | 46,979 | 50,892 | 53,672 |

Koefisien Variasi

| Koefisien Variasi (CS) | Periode Ulang (Tahun) | | | | | | | | |
|------------------------|-----------------------|--------|---|----|----|----|-----|-----|-----|
| | 1 | 2 | 5 | 10 | 20 | 50 | 100 | 200 | 500 |
| -2,000 | 0,5203 | 0,2366 | - | - | - | - | - | - | - |
| -1,800 | 0,5118 | 0,2240 | - | - | - | - | - | - | - |
| -1,600 | 0,5007 | 0,2092 | - | - | - | - | - | - | - |
| -1,400 | 0,4867 | 0,1920 | - | - | - | - | - | - | - |
| -1,200 | 0,4691 | 0,1722 | - | - | - | - | - | - | - |
| -1,000 | 0,4476 | 0,1495 | - | - | - | - | - | - | - |
| -0,800 | 0,4221 | 0,1241 | - | - | - | - | - | - | - |
| -0,600 | 0,3922 | 0,0959 | - | - | - | - | - | - | - |
| -0,400 | 0,3582 | 0,0654 | - | - | - | - | - | - | - |
| -0,200 | 0,3208 | 0,0332 | - | - | - | - | - | - | - |
| 0,000 | 0,0000 | 0,0000 | - | - | - | - | - | - | - |
| 0,200 | - | - | - | - | - | - | - | - | - |
| 0,400 | - | - | - | - | - | - | - | - | - |
| 0,600 | - | - | - | - | - | - | - | - | - |
| 0,800 | - | - | - | - | - | - | - | - | - |
| 1,000 | - | - | - | - | - | - | - | - | - |
| 1,200 | - | - | - | - | - | - | - | - | - |
| 1,400 | - | - | - | - | - | - | - | - | - |
| 1,600 | - | - | - | - | - | - | - | - | - |
| 1,800 | - | - | - | - | - | - | - | - | - |
| 2,000 | - | - | - | - | - | - | - | - | - |