

Curah Hujan Harian Maksimum Tahunan

Stasiun PASIR ONA, Lebak

Lokasi: Desa Rangkasbitung Timur, Kec. Rangkasbitung, Lebak, Prov. Banten

Tabel Curah Hujan Harian Maksimum Tahunan

| No. | Tahun | Curah Hujan (mm) | Tanggal |
|-----|-------|------------------|------------|
| 1 | 1991 | 150.00 | 08-11-1991 |
| 2 | 1992 | 100.00 | 23-05-1992 |
| 3 | 1993 | 127.00 | 24-11-1993 |
| 4 | 1994 | 74.00 | 07-01-1994 |
| 5 | 1995 | 96.00 | 24-11-1995 |
| 6 | 1996 | 100.60 | 19-05-1996 |
| 7 | 1997 | 77.00 | 12-02-1997 |
| 8 | 1998 | 99.00 | 29-05-1998 |
| 9 | 1999 | 95.00 | 23-01-1999 |
| 10 | 2000 | 85.00 | 17-05-2000 |
| 11 | 2001 | 108.00 | 19-07-2001 |
| 12 | 2002 | 135.00 | 09-04-2002 |
| 13 | 2003 | 88.00 | 17-11-2003 |
| 14 | 2004 | 70.00 | 27-12-2004 |
| 15 | 2005 | 112.00 | 19-02-2005 |
| 16 | 2006 | 70.00 | 20-03-2006 |
| 17 | 2008 | 92.00 | 20-05-2008 |
| 18 | 2009 | 96.00 | 05-10-2009 |
| 19 | 2010 | 108.00 | 29-10-2010 |
| 20 | 2011 | 102.00 | 23-11-2011 |
| 21 | 2012 | 110.00 | 14-01-2012 |

| No. | Tahun | Curah Hujan (mm) | Tanggal |
|-----|-------|------------------|------------|
| 22 | 2013 | 142.00 | 22-07-2013 |
| 23 | 2014 | 82.00 | 09-01-2014 |
| 24 | 2015 | 54.00 | 06-02-2015 |
| 25 | 2016 | 149.00 | 09-03-2016 |
| 26 | 2017 | 107.00 | 21-02-2017 |
| 27 | 2018 | 102.00 | 16-02-2018 |
| 28 | 2019 | 75.00 | 01-12-2019 |
| 29 | 2020 | 75.00 | 02-05-2020 |
| 30 | 2021 | 193.00 | 14-09-2021 |
| 31 | 2022 | 92.00 | 16-07-2022 |

Statistik Deskriptif Curah Hujan

| | |
|------------------------------|--------|
| Jumlah data (n) | 31 |
| Minimum (mm) | 54.00 |
| Maksimum (mm) | 193.00 |
| Rata-rata (mm) | 102.12 |
| Simpangan baku (mm) | 28.76 |
| Median (mm) | 99.00 |
| Koefisien variasi, Cv | 0.282 |

Curah Hujan Rancangan — Metode Gumbel

Jumlah data = 31, $Y_n = 0.537100$, $S_n = 1.115900$

| Kala Ulang, T (th) | Reduced Variate, Y_T | Faktor Frekuensi, K_T | Hujan Rancangan, X_T (mm) |
|--------------------|------------------------|-------------------------|-----------------------------|
| 2 | 0.3665 | -0.1529 | 97.72 |
| 5 | 1.4999 | 0.8628 | 126.93 |
| 10 | 2.2504 | 1.5353 | 146.27 |

| Kala Ulang, T (th) | Reduced Variate, Y_T | Faktor Frekuensi, K_T | Hujan Rancangan, X_T (mm) |
|-------------------------------|--|---|---|
| 25 | 3.1985 | 2.3850 | 170.70 |
| 50 | 3.9019 | 3.0154 | 188.83 |
| 100 | 4.6001 | 3.6411 | 206.82 |
| 200 | 5.2958 | 4.2645 | 224.75 |
| 1000 | 6.9073 | 5.7085 | 266.28 |

Sumber : Pengolahan Data oleh hidrologi.net