

Curah Hujan Harian Maksimum Tahunan

Stasiun Sampang Peundeuy, Lebak

Lokasi: Desa Wantisari, Kec. Leuwidamar, Lebak, Prov. Banten

Tabel Curah Hujan Harian Maksimum Tahunan

No.	Tahun	Curah Hujan (mm)	Tanggal
1	1980	99.00	11-04-1980
2	1981	132.00	09-11-1981
3	1982	137.00	02-11-1982
4	1983	100.00	27-11-1983
5	1984	100.00	28-03-1984
6	1985	120.00	02-12-1985
7	1986	130.00	22-04-1986
8	1987	125.00	04-01-1987
9	1988	85.00	29-01-1988
10	1989	85.00	31-10-1989
11	1990	110.00	05-01-1990
12	1991	129.60	20-11-1991
13	1992	165.60	16-11-1992
14	1993	272.00	16-05-1993
15	1994	75.20	14-04-1994
16	1995	152.00	02-03-1995
17	1996	110.00	18-03-1996
18	1997	116.00	06-12-1997
19	1998	109.00	16-01-1998
20	1999	102.00	04-11-1999
21	2000	134.00	23-04-2000

No.	Tahun	Curah Hujan (mm)	Tanggal
22	2001	98.00	07-02-2001
23	2002	72.00	21-03-2002
24	2003	87.00	22-03-2003
25	2004	105.00	03-03-2004
26	2005	117.00	29-05-2005
27	2006	92.00	29-12-2006
28	2007	140.00	09-06-2007
29	2008	119.00	24-11-2008
30	2009	80.00	18-08-2009
31	2010	94.00	13-01-2010
32	2011	86.00	18-03-2011
33	2012	120.00	13-01-2012
34	2013	115.50	09-01-2013
35	2014	106.00	18-03-2014
36	2015	121.00	16-05-2015
37	2016	145.50	31-07-2016
38	2017	146.00	17-01-2017
39	2018	146.00	17-01-2018
40	2019	100.00	25-12-2019
41	2020	148.00	03-12-2020
42	2021	146.00	14-09-2021
43	2022	81.00	29-12-2022

Statistik Deskriptif Curah Hujan

Jumlah data (n)	43
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Minimum (mm)	72.00
Maksimum (mm)	272.00
Rata-rata (mm)	117.52
Simpangan baku (mm)	33.62
Median (mm)	115.50
Koefisien variasi, Cv	0.286

Curah Hujan Rancangan – Metode Gumbel

Jumlah data = 43, $Y_n = 0.545300$, $S_n = 1.148000$

Kala Ulang, T (th)	Reduced Variate, Y_T	Faktor Frekuensi, K_T	Hujan Rancangan, X_T (mm)
2	0.3665	-0.1557	112.28
5	1.4999	0.8316	145.48
10	2.2504	1.4853	167.46
25	3.1985	2.3112	195.23
50	3.9019	2.9239	215.83
100	4.6001	3.5321	236.28
200	5.2958	4.1381	256.65
1000	6.9073	5.5418	303.84

Sumber : Pengolahan Data oleh hidrologi.net