



短時間降雨強度曲線 筑豊ブロック

短時間降雨強度式と降雨強度一覧表（筑豊ブロック）

(mm/hr)

確率年	降雨強度式	10分	20分	30分	60分	90分	120分	150分	180分
1/2	$r_2 = \frac{1667.2}{t^{0.801} + 11.96}$	91.2	72.6	61.3	43.3	34.2	28.6	24.8	21.9
1/3	$r_3 = \frac{1669.4}{t^{0.771} + 10.47}$	102.0	81.3	68.9	49.2	39.2	33.0	28.7	25.6
1/5	$r_5 = \frac{1610.1}{t^{0.731} + 8.86}$	113.0	90.5	77.1	55.9	45.1	38.4	33.7	30.2
1/10	$r_{10} = \frac{1250.8}{t^{0.645} + 5.39}$	127.6	101.7	87.1	64.4	53.0	45.8	40.7	36.9
1/20	$r_{20} = \frac{839.8}{t^{0.539} + 2.45}$	142.1	112.3	96.5	72.8	61.0	53.7	48.4	44.5
1/30	$r_{30} = \frac{631.2}{t^{0.471} + 1.25}$	150.0	118.0	101.6	77.7	65.9	58.5	53.3	49.3
1/50	$r_{50} = \frac{443.9}{t^{0.391} + 0.32}$	159.7	125.2	108.3	84.1	72.4	65.1	59.9	55.9
1/80	$r_{80} = \frac{265.2}{t^{0.296} + -0.41}$	169.2	131.5	114.0	89.9	78.5	71.4	66.4	62.5
1/100	$r_{100} = \frac{204.8}{t^{0.253} + -0.61}$	173.5	134.4	116.7	92.8	81.5	74.5	69.6	65.8
1/150	$r_{150} = \frac{118.0}{t^{0.175} + -0.85}$	182.6	140.6	122.5	98.6	87.5	80.7	76.0	72.3
1/200	$r_{200} = \frac{63.6}{t^{0.111} + -0.95}$	186.4	143.1	125.0	101.7	91.1	84.6	80.1	76.7