

降雨強度式一覽表

No. 1 福 島

10 分 ≤ t ≤ 1,440 分

確率年	強度式	継続時間(分)								
		10	20	30	60	120	180	360	720	1,440
3	$\frac{693}{t^{0.700}+3.721}$	79.36	58.42	47.68	32.55	21.48	16.65	10.61	6.68	4.17
5	$\frac{826}{t^{0.700}+3.866}$	93.04	68.79	56.27	38.54	25.49	19.77	12.62	7.95	4.96
10	$\frac{997}{t^{0.699}+4.085}$	109.74	81.70	67.08	46.20	30.69	23.86	15.27	9.64	6.03
30	$\frac{1,250}{t^{0.695}+4.291}$	135.20	101.53	83.77	58.13	38.88	30.32	19.51	12.37	7.76
50	$\frac{1,348}{t^{0.691}+4.253}$	147.13	110.69	91.45	63.63	42.67	33.34	21.52	13.68	8.62
70	$\frac{1,436}{t^{0.691}+4.366}$	154.82	116.83	96.67	67.42	45.30	35.42	22.88	14.56	9.17
80	$\frac{1,453}{t^{0.689}+4.309}$	158.01	119.23	98.67	68.85	46.30	36.23	23.43	14.92	9.42
100	$\frac{1,551}{t^{0.693}+4.615}$	162.46	123.21	102.21	71.52	48.15	37.68	24.35	15.49	9.75

No. 2 白 河

10 分 ≤ t ≤ 1,440 分

確率年	強度式	継続時間(分)								
		10	20	30	60	120	180	360	720	1,440
3	$\frac{1,052}{t^{0.741}+6.565}$	87.14	66.71	55.38	38.47	25.48	19.68	12.38	7.65	4.66
5	$\frac{1,199}{t^{0.732}+6.775}$	98.52	76.19	63.67	44.74	29.95	23.27	14.78	9.21	5.66
10	$\frac{1,372}{t^{0.720}+6.901}$	112.93	88.26	74.26	52.84	35.82	28.03	18.01	11.34	7.04
30	$\frac{1,617}{t^{0.702}+6.986}$	134.51	106.54	90.47	65.47	45.17	35.71	23.34	14.93	9.41
50	$\frac{1,689}{t^{0.691}+6.747}$	144.90	115.12	98.00	71.33	49.56	39.35	25.93	16.72	10.63
70	$\frac{1,793}{t^{0.689}+7.002}$	150.82	120.50	102.93	75.35	52.62	41.89	27.71	17.92	11.42
80	$\frac{1,783}{t^{0.684}+6.763}$	153.79	122.76	104.86	76.80	53.71	42.81	28.39	18.42	11.78
100	$\frac{1,806}{t^{0.679}+6.636}$	158.26	126.46	108.11	79.36	55.66	44.46	29.58	19.26	12.36

No. 3 若 松

10 分 ≤ t ≤ 1,440 分

確率年	強度式	継続時間(分)								
		10	20	30	60	120	180	360	720	1,440
3	$\frac{913}{t^{0.760}+5.178}$	83.51	61.18	49.51	33.04	21.13	16.03	9.83	5.94	3.56
5	$\frac{1,161}{t^{0.773}+6.161}$	96.03	71.26	57.98	38.90	24.89	18.87	11.52	6.92	4.11
10	$\frac{1,495}{t^{0.786}+7.436}$	110.37	83.19	68.19	46.12	29.60	22.42	13.64	8.14	4.80
30	$\frac{2,114}{t^{0.807}+9.872}$	129.82	100.24	83.12	56.99	36.76	27.84	16.85	9.97	5.81
50	$\frac{2,420}{t^{0.815}+10.986}$	138.15	107.67	89.71	61.86	40.01	30.30	18.31	10.80	6.27
70	$\frac{2,663}{t^{0.822}+11.940}$	143.35	112.49	94.05	65.13	42.19	31.94	19.27	11.32	6.55
80	$\frac{2,751}{t^{0.824}+12.259}$	145.35	114.32	95.70	66.37	43.03	32.58	19.65	11.54	6.67
100	$\frac{2,951}{t^{0.830}+13.083}$	148.71	117.56	98.66	68.63	44.54	33.71	20.29	11.88	6.84

No. 4 小名浜

10 分 ≤ t ≤ 1,440 分

確率年	強度式	継続時間(分)								
		10	20	30	60	120	180	360	720	1,440
3	$\frac{912}{t^{0.692}+6.990}$	76.57	61.05	52.07	38.01	26.47	21.04	13.87	8.95	5.69
5	$\frac{868}{t^{0.665}+4.940}$	90.76	70.73	59.70	43.05	29.85	23.75	15.77	10.28	6.63
10	$\frac{810}{t^{0.634}+3.072}$	109.80	83.05	69.16	49.15	33.92	27.02	18.07	11.93	7.82
30	$\frac{754}{t^{0.598}+1.426}$	139.92	101.56	83.13	58.02	39.81	31.76	21.42	14.35	9.57
50	$\frac{725}{t^{0.582}+0.885}$	154.11	109.81	89.24	61.85	42.38	33.84	22.92	15.46	10.39
70	$\frac{720}{t^{0.575}+0.648}$	163.40	115.26	93.30	64.41	44.08	35.20	23.88	16.14	10.89
80	$\frac{722}{t^{0.573}+0.581}$	167.05	117.47	94.98	65.49	44.79	35.78	24.28	16.43	11.09
100	$\frac{721}{t^{0.569}+0.460}$	173.03	120.99	97.62	67.17	45.92	36.68	24.91	16.88	11.42