

(3) 確率降雨量及び超過確率

グンベル分布による降雨確率表
(10分間雨量)

観測所名 静岡地方気象台

Thomas Plot, Hazen Plot, Cunnane Plot
による超過確率

生起確率(年)	降雨量(mm)
1/ 2	15.9
1/ 3	17.8
1/ 4	18.9
1/ 5	19.8
1/ 7	21.1
1/ 8	21.5
1/ 10	22.3
1/ 20	24.8
1/ 25	25.6
1/ 30	26.2
1/ 40	27.2
1/ 50	28.0
1/ 60	28.6
1/ 70	29.1
1/ 80	29.6
1/ 90	30.0
1/100	30.3
1/150	31.7
1/200	32.7
1/300	34.1
1/400	35.0
1/500	35.8
1/600	36.4
1/700	36.9
1/800	37.4
1/900	37.8
1/1000	38.2
1/1100	38.5
1/1200	38.8
1/1300	39.1
1/1400	39.3
1/1500	39.5
1/2000	40.5

雨量(mm)	HazenP.(%)	ThomasP.(%)	CunnaneP.(%)
29.0	0.76	1.49	0.91
26.0	2.27	2.99	2.42
26.0	3.79	4.48	3.93
23.0	5.30	5.97	5.44
23.0	6.82	7.46	6.95
21.8	8.33	8.96	8.46
21.5	9.85	10.45	9.97
21.0	11.36	11.94	11.48
21.0	12.88	13.43	12.99
20.7	14.39	14.93	14.50
20.6	15.91	16.42	16.01
20.5	17.42	17.91	17.52
20.5	18.94	19.40	19.03
20.3	20.45	20.90	20.54
20.0	21.97	22.39	22.05
20.0	23.48	23.88	23.56
19.9	25.00	25.37	25.08
19.5	26.52	26.87	26.59
19.4	28.03	28.36	28.10
19.0	29.55	29.85	29.61
19.0	31.06	31.34	31.12
18.7	32.58	32.84	32.63
18.0	34.09	34.33	34.14
18.0	35.61	35.82	35.65
18.0	37.12	37.31	37.16
18.0	38.64	38.81	38.67
17.5	40.15	40.30	40.18
17.5	41.67	41.79	41.69
17.2	43.18	43.28	43.20
17.0	44.70	44.78	44.71
16.0	46.21	46.27	46.22
16.0	47.73	47.76	47.73
16.0	49.24	49.25	49.24
16.0	50.76	50.75	50.76
16.0	52.27	52.24	52.27
15.5	53.79	53.73	53.78
15.5	55.30	55.22	55.29
15.5	56.82	56.72	56.80
15.3	58.33	58.21	58.31
15.3	59.85	59.70	59.82
15.0	61.36	61.19	61.33
14.8	62.88	62.69	62.84
14.7	64.39	64.18	64.35
14.5	65.91	65.67	65.86
14.5	67.42	67.16	67.37
14.5	68.94	68.66	68.88
14.3	70.45	70.15	70.39
14.0	71.97	71.64	71.90
14.0	73.48	73.13	73.41
14.0	75.00	74.63	74.92
14.0	76.52	76.12	76.44
14.0	78.03	77.61	77.95
13.4	79.55	79.10	79.46
12.5	81.06	80.60	80.97
12.5	82.58	82.09	82.48
12.0	84.09	83.58	83.99
12.0	85.61	85.07	85.50
12.0	87.12	86.57	87.01
11.4	88.64	88.06	88.52
11.0	90.15	89.55	90.03
10.6	91.67	91.04	91.54
10.5	93.18	92.54	93.05
10.5	94.70	94.03	94.56
10.5	96.21	95.52	96.07
10.3	97.73	97.01	97.58
9.5	99.24	98.51	99.09

グンベル分布による降雨確率表
(30分間雨量)
観測所名 静岡地方気象台

生起確率(年)	降雨量(mm)
1/ 2	31.9
1/ 3	36.1
1/ 4	38.9
1/ 5	40.9
1/ 7	43.8
1/ 8	45.0
1/ 10	46.9
1/ 20	52.6
1/ 25	54.4
1/ 30	55.9
1/ 40	58.2
1/ 50	60.0
1/ 60	61.5
1/ 70	62.7
1/ 80	63.8
1/ 90	64.7
1/100	65.6
1/150	68.8
1/200	71.1
1/300	74.4
1/400	76.7
1/500	78.4
1/600	79.9
1/700	81.1
1/800	82.2
1/900	83.1
1/1000	84.0
1/1100	84.7
1/1200	85.4
1/1300	86.1
1/1400	86.6
1/1500	87.2
1/2000	89.5

Thomas Plot, Hazen Plot, Cunnane Plot
による超過確率

雨量(mm)	HazenP.(%)	ThomasP.(%)	CunnaneP.(%)
66.0	0.76	1.49	0.91
52.2	2.27	2.99	2.42
52.0	3.79	4.48	3.93
51.5	5.30	5.97	5.44
49.5	6.82	7.46	6.95
48.5	8.33	8.96	8.46
48.0	9.85	10.45	9.97
45.5	11.36	11.94	11.48
45.4	12.88	13.43	12.99
45.0	14.39	14.93	14.50
43.0	15.91	16.42	16.01
42.3	17.42	17.91	17.52
41.5	18.94	19.40	19.03
41.5	20.45	20.90	20.54
41.0	21.97	22.39	22.05
40.5	23.48	23.88	23.56
39.4	25.00	25.37	25.08
38.5	26.52	26.87	26.59
38.0	28.03	28.36	28.10
38.0	29.55	29.85	29.61
37.4	31.06	31.34	31.12
37.0	32.58	32.84	32.63
36.5	34.09	34.33	34.14
36.0	35.61	35.82	35.65
35.6	37.12	37.31	37.16
35.5	38.64	38.81	38.67
35.5	40.15	40.30	40.18
35.0	41.67	41.79	41.69
34.0	43.18	43.28	43.20
34.0	44.70	44.78	44.71
33.5	46.21	46.27	46.22
33.5	47.73	47.76	47.73
32.5	49.24	49.25	49.24
32.0	50.76	50.75	50.76
32.0	52.27	52.24	52.27
31.5	53.79	53.73	53.78
31.0	55.30	55.22	55.29
31.0	56.82	56.72	56.80
30.0	58.33	58.21	58.31
29.5	59.85	59.70	59.82
29.5	61.36	61.19	61.33
29.5	62.88	62.69	62.84
29.0	64.39	64.18	64.35
28.5	65.91	65.67	65.86
28.0	67.42	67.16	67.37
27.5	68.94	68.66	68.88
27.0	70.45	70.15	70.39
27.0	71.97	71.64	71.90
26.3	73.48	73.13	73.41
26.0	75.00	74.63	74.92
26.0	76.52	76.12	76.44
25.5	78.03	77.61	77.95
25.5	79.55	79.10	79.46
24.5	81.06	80.60	80.97
24.0	82.58	82.09	82.48
24.0	84.09	83.58	83.99
24.0	85.61	85.07	85.50
22.7	87.12	86.57	87.01
22.5	88.64	88.06	88.52
21.0	90.15	89.55	90.03
20.5	91.67	91.04	91.54
20.5	93.18	92.54	93.05
20.0	94.70	94.03	94.56
20.0	96.21	95.52	96.07
17.5	97.73	97.01	97.58
17.3	99.24	98.51	99.09

グンベル分布による降雨確率表
(60分間雨量)
観測所名 静岡地方気象台

生起確率(年)	降雨量(mm)
1/ 2	49.4
1/ 3	56.9
1/ 4	61.7
1/ 5	65.2
1/ 7	70.4
1/ 8	72.4
1/ 10	75.7
1/ 20	85.8
1/ 25	89.0
1/ 30	91.6
1/ 40	95.7
1/ 50	98.8
1/ 60	101.4
1/ 70	103.6
1/ 80	105.4
1/ 90	107.1
1/100	108.6
1/150	114.3
1/200	118.3
1/300	124.0
1/400	128.0
1/500	131.2
1/600	133.7
1/700	135.9
1/800	137.7
1/900	139.4
1/1000	140.9
1/1100	142.2
1/1200	143.4
1/1300	144.5
1/1400	145.6
1/1500	146.5
1/2000	150.6

Thomas Plot, Hazen Plot, Cunnane Plot
による超過確率

雨量(mm)	HazenP.(%)	ThomasP.(%)	CunnaneP.(%)
112.0	0.76	1.49	0.91
94.7	2.27	2.99	2.42
87.0	3.79	4.48	3.93
86.0	5.30	5.97	5.44
84.5	6.82	7.46	6.95
84.5	8.33	8.96	8.46
74.8	9.85	10.45	9.97
73.5	11.36	11.94	11.48
72.0	12.88	13.43	12.99
72.0	14.39	14.93	14.50
69.2	15.91	16.42	16.01
67.9	17.42	17.91	17.52
66.1	18.94	19.40	19.03
66.0	20.45	20.90	20.54
65.5	21.97	22.39	22.05
65.0	23.48	23.88	23.56
63.0	25.00	25.37	25.08
60.5	26.52	26.87	26.59
60.0	28.03	28.36	28.10
58.0	29.55	29.85	29.61
57.7	31.06	31.34	31.12
57.6	32.58	32.84	32.63
56.5	34.09	34.33	34.14
56.0	35.61	35.82	35.65
55.4	37.12	37.31	37.16
53.5	38.64	38.81	38.67
53.0	40.15	40.30	40.18
51.8	41.67	41.79	41.69
51.5	43.18	43.28	43.20
51.2	44.70	44.78	44.71
49.5	46.21	46.27	46.22
49.4	47.73	47.76	47.73
48.0	49.24	49.25	49.24
48.0	50.76	50.75	50.76
47.5	52.27	52.24	52.27
47.0	53.79	53.73	53.78
47.0	55.30	55.22	55.29
47.0	56.82	56.72	56.80
47.0	58.33	58.21	58.31
45.5	59.85	59.70	59.82
45.5	61.36	61.19	61.33
43.2	62.88	62.69	62.84
43.0	64.39	64.18	64.35
42.5	65.91	65.67	65.86
40.5	67.42	67.16	67.37
39.0	68.94	68.66	68.88
38.6	70.45	70.15	70.39
38.5	71.97	71.64	71.90
37.5	73.48	73.13	73.41
37.5	75.00	74.63	74.92
37.5	76.52	76.12	76.44
37.5	78.03	77.61	77.95
37.5	79.55	79.10	79.46
36.5	81.06	80.60	80.97
36.5	82.58	82.09	82.48
36.0	84.09	83.58	83.99
35.0	85.61	85.07	85.50
34.5	87.12	86.57	87.01
34.5	88.64	88.06	88.52
34.0	90.15	89.55	90.03
32.5	91.67	91.04	91.54
32.1	93.18	92.54	93.05
31.2	94.70	94.03	94.56
31.0	96.21	95.52	96.07
31.0	97.73	97.01	97.58
27.0	99.24	98.51	99.09

グンベル分布による降雨確率表
(120分間雨量)
観測所名 静岡地方気象台

生起確率(年)	降雨量(mm)
1/ 2	71.1
1/ 3	83.5
1/ 4	91.5
1/ 5	97.3
1/ 7	105.9
1/ 8	109.2
1/ 10	114.6
1/ 20	131.3
1/ 25	136.5
1/ 30	140.8
1/ 40	147.6
1/ 50	152.8
1/ 60	157.0
1/ 70	160.6
1/ 80	163.7
1/ 90	166.5
1/100	168.9
1/150	178.3
1/200	185.0
1/300	194.4
1/400	201.0
1/500	206.2
1/600	210.4
1/700	213.9
1/800	217.0
1/900	219.8
1/1000	222.2
1/1100	224.4
1/1200	226.4
1/1300	228.2
1/1400	230.0
1/1500	231.6
1/2000	238.2

Thomas Plot, Hazen Plot, Cunnane Plot
による超過確率

雨量(mm)	HazenP.(%)	ThomasP.(%)	CunnaneP.(%)
184.0	0.76	1.49	0.91
164.0	2.27	2.99	2.42
136.0	3.79	4.48	3.93
125.0	5.30	5.97	5.44
116.0	6.82	7.46	6.95
114.0	8.33	8.96	8.46
109.0	9.85	10.45	9.97
106.5	11.36	11.94	11.48
105.7	12.88	13.43	12.99
105.3	14.39	14.93	14.50
104.0	15.91	16.42	16.01
100.0	17.42	17.91	17.52
98.5	18.94	19.40	19.03
97.0	20.45	20.90	20.54
93.5	21.97	22.39	22.05
93.0	23.48	23.88	23.56
92.0	25.00	25.37	25.08
91.8	26.52	26.87	26.59
91.0	28.03	28.36	28.10
90.0	29.55	29.85	29.61
88.5	31.06	31.34	31.12
88.0	32.58	32.84	32.63
84.8	34.09	34.33	34.14
84.0	35.61	35.82	35.65
83.7	37.12	37.31	37.16
82.0	38.64	38.81	38.67
82.0	40.15	40.30	40.18
78.0	41.67	41.79	41.69
76.5	43.18	43.28	43.20
75.5	44.70	44.78	44.71
73.5	46.21	46.27	46.22
70.0	47.73	47.76	47.73
69.5	49.24	49.25	49.24
68.5	50.76	50.75	50.76
68.5	52.27	52.24	52.27
68.0	53.79	53.73	53.78
66.0	55.30	55.22	55.29
65.5	56.82	56.72	56.80
65.0	58.33	58.21	58.31
63.0	59.85	59.70	59.82
62.0	61.36	61.19	61.33
61.5	62.88	62.69	62.84
61.0	64.39	64.18	64.35
60.5	65.91	65.67	65.86
57.5	67.42	67.16	67.37
57.0	68.94	68.66	68.88
56.0	70.45	70.15	70.39
55.5	71.97	71.64	71.90
55.1	73.48	73.13	73.41
54.0	75.00	74.63	74.92
53.0	76.52	76.12	76.44
52.0	78.03	77.61	77.95
52.0	79.55	79.10	79.46
51.5	81.06	80.60	80.97
50.0	82.58	82.09	82.48
49.5	84.09	83.58	83.99
48.5	85.61	85.07	85.50
48.2	87.12	86.57	87.01
44.5	88.64	88.06	88.52
44.0	90.15	89.55	90.03
43.0	91.67	91.04	91.54
39.5	93.18	92.54	93.05
39.4	94.70	94.03	94.56
37.0	96.21	95.52	96.07
35.4	97.73	97.01	97.58
32.4	99.24	98.51	99.09

グンベル分布による降雨確率表
(180分間雨量)
観測所名 静岡地方気象台

生起確率(年)	降雨量(mm)
1/ 2	87.8
1/ 3	102.7
1/ 4	112.3
1/ 5	119.4
1/ 7	129.7
1/ 8	133.7
1/ 10	140.3
1/ 20	160.4
1/ 25	166.8
1/ 30	171.9
1/ 40	180.1
1/ 50	186.4
1/ 60	191.5
1/ 70	195.9
1/ 80	199.6
1/ 90	202.9
1/100	205.9
1/150	217.2
1/200	225.3
1/300	236.6
1/400	244.6
1/500	250.9
1/600	255.9
1/700	260.2
1/800	264.0
1/900	267.3
1/1000	270.2
1/1100	272.9
1/1200	275.3
1/1300	277.5
1/1400	279.6
1/1500	281.5
1/2000	289.5

Thomas Plot, Hazen Plot, Cunnane Plot
による超過確率

雨量(mm)	HazenP.(%)	ThomasP.(%)	CunnaneP.(%)
259.0	0.76	1.49	0.91
215.5	2.27	2.99	2.42
169.0	3.79	4.48	3.93
145.0	5.30	5.97	5.44
138.0	6.82	7.46	6.95
136.3	8.33	8.96	8.46
134.2	9.85	10.45	9.97
130.5	11.36	11.94	11.48
130.0	12.88	13.43	12.99
127.0	14.39	14.93	14.50
124.6	15.91	16.42	16.01
120.5	17.42	17.91	17.52
119.0	18.94	19.40	19.03
114.2	20.45	20.90	20.54
113.7	21.97	22.39	22.05
112.0	23.48	23.88	23.56
109.0	25.00	25.37	25.08
108.0	26.52	26.87	26.59
105.5	28.03	28.36	28.10
105.0	29.55	29.85	29.61
103.6	31.06	31.34	31.12
101.0	32.58	32.84	32.63
100.0	34.09	34.33	34.14
100.0	35.61	35.82	35.65
99.3	37.12	37.31	37.16
98.5	38.64	38.81	38.67
96.5	40.15	40.30	40.18
95.5	41.67	41.79	41.69
94.0	43.18	43.28	43.20
93.6	44.70	44.78	44.71
93.5	46.21	46.27	46.22
89.0	47.73	47.76	47.73
86.0	49.24	49.25	49.24
85.0	50.76	50.75	50.76
85.0	52.27	52.24	52.27
84.0	53.79	53.73	53.78
84.0	55.30	55.22	55.29
83.4	56.82	56.72	56.80
81.4	58.33	58.21	58.31
78.0	59.85	59.70	59.82
77.0	61.36	61.19	61.33
74.5	62.88	62.69	62.84
74.0	64.39	64.18	64.35
72.5	65.91	65.67	65.86
72.0	67.42	67.16	67.37
72.0	68.94	68.66	68.88
71.6	70.45	70.15	70.39
71.2	71.97	71.64	71.90
70.5	73.48	73.13	73.41
69.0	75.00	74.63	74.92
67.0	76.52	76.12	76.44
65.4	78.03	77.61	77.95
65.0	79.55	79.10	79.46
65.0	81.06	80.60	80.97
64.0	82.58	82.09	82.48
61.5	84.09	83.58	83.99
60.0	85.61	85.07	85.50
59.0	87.12	86.57	87.01
57.8	88.64	88.06	88.52
57.7	90.15	89.55	90.03
55.0	91.67	91.04	91.54
52.7	93.18	92.54	93.05
51.0	94.70	94.03	94.56
51.0	96.21	95.52	96.07
43.5	97.73	97.01	97.58
34.5	99.24	98.51	99.09

グンベル分布による降雨確率表
(24時間雨量)
観測所名 静岡地方気象台

生起確率(年)	降雨量(mm)
1/ 2	185.2
1/ 3	212.6
1/ 4	230.2
1/ 5	243.2
1/ 7	262.1
1/ 8	269.4
1/ 10	281.5
1/ 20	318.3
1/ 25	330.0
1/ 30	339.5
1/ 40	354.4
1/ 50	366.0
1/ 60	375.4
1/ 70	383.3
1/ 80	390.2
1/ 90	396.3
1/ 100	401.7
1/ 150	422.5
1/ 200	437.3
1/ 300	458.0
1/ 400	472.8
1/ 500	484.2
1/ 600	493.5
1/ 700	501.4
1/ 800	508.3
1/ 900	514.3
1/1000	519.7
1/1100	524.6
1/1200	529.0
1/1300	533.1
1/1400	536.9
1/1500	540.4
1/2000	555.1

Thomas Plot, Hazen Plot, Cunnane Plot
による超過確率

雨量(mm)	HazenP.(%)	ThomasP.(%)	CunnaneP.(%)
508.0	0.70	1.39	0.84
368.0	2.11	2.78	2.25
344.0	3.52	4.17	3.65
334.0	4.93	5.56	5.06
318.0	6.34	6.94	6.46
291.0	7.75	8.33	7.87
255.5	9.15	9.72	9.27
248.5	10.56	11.11	10.67
246.0	11.97	12.50	12.08
246.0	13.38	13.89	13.48
244.8	14.79	15.28	14.89
241.5	16.20	16.67	16.29
239.0	17.61	18.06	17.70
237.5	19.01	19.44	19.10
233.7	20.42	20.83	20.51
229.5	21.83	22.22	21.91
227.0	23.24	23.61	23.31
224.8	24.65	25.00	24.72
224.3	26.06	26.39	26.12
222.5	27.46	27.78	27.53
220.5	28.87	29.17	28.93
216.8	30.28	30.56	30.34
216.5	31.69	31.94	31.74
216.0	33.10	33.33	33.15
214.0	34.51	34.72	34.55
212.7	35.92	36.11	35.96
211.7	37.32	37.50	37.36
210.5	38.73	38.89	38.76
209.5	40.14	40.28	40.17
208.0	41.55	41.67	41.57
207.6	42.96	43.06	42.98
201.4	44.37	44.44	44.38
200.0	45.77	45.83	45.79
197.5	47.18	47.22	47.19
197.0	48.59	48.61	48.60
195.4	50.00	50.00	50.00
194.0	51.41	51.39	51.40
183.6	52.82	52.78	52.81
181.7	54.23	54.17	54.21
179.8	55.63	55.56	55.62
177.2	57.04	56.94	57.02
175.6	58.45	58.33	58.43
171.7	59.86	59.72	59.83
165.6	61.27	61.11	61.24
162.0	62.68	62.50	62.64
161.0	64.08	63.89	64.04
157.5	65.49	65.28	65.45
155.0	66.90	66.67	66.85
153.9	68.31	68.06	68.26
152.5	69.72	69.44	69.66
152.5	71.13	70.83	71.07
145.5	72.54	72.22	72.47
145.5	73.94	73.61	73.88
144.5	75.35	75.00	75.28
144.5	76.76	76.39	76.69
141.8	78.17	77.78	78.09
139.5	79.58	79.17	79.49
133.0	80.99	80.56	80.90
133.0	82.39	81.94	82.30
127.2	83.80	83.33	83.71
125.5	85.21	84.72	85.11
124.0	86.62	86.11	86.52
124.0	88.03	87.50	87.92
121.5	89.44	88.89	89.33
121.5	90.85	90.28	90.73
121.3	92.25	91.67	92.13
120.0	93.66	93.06	93.54
118.5	95.07	94.44	94.94
118.0	96.48	95.83	96.35
115.5	97.89	97.22	97.75
107.0	99.30	98.61	99.16

グンベル分布による降雨確率表
 (日雨量)
 観測所名 静岡地方気象台

生起確率(年)	降雨量(mm)
1/ 2	161.0
1/ 3	185.9
1/ 4	201.9
1/ 5	213.7
1/ 7	230.9
1/ 8	237.6
1/ 10	248.7
1/ 20	282.2
1/ 25	292.8
1/ 30	301.4
1/ 40	315.0
1/ 50	325.5
1/ 60	334.1
1/ 70	341.3
1/ 80	347.6
1/ 90	353.1
1/ 100	358.0
1/ 150	377.0
1/ 200	390.4
1/ 300	409.3
1/ 400	422.7
1/ 500	433.1
1/ 600	441.6
1/ 700	448.8
1/ 800	455.0
1/ 900	460.5
1/1000	465.4
1/1100	469.8
1/1200	473.9
1/1300	477.6
1/1400	481.1
1/1500	484.3
1/2000	497.7

Thomas Plot, Hazen Plot, Cunnane Plot
 による超過確率

雨量(mm)	HazenP.(%)	ThomasP.(%)	CunnaneP.(%)
368.0	0.70	1.39	0.84
318.0	2.11	2.78	2.25
297.5	3.52	4.17	3.65
288.5	4.93	5.56	5.06
278.5	6.34	6.94	6.46
255.5	7.75	8.33	7.87
243.0	9.15	9.72	9.27
237.5	10.56	11.11	10.67
233.7	11.97	12.50	12.08
228.5	13.38	13.89	13.48
222.7	14.79	15.28	14.89
218.4	16.20	16.67	16.29
216.8	17.61	18.06	17.70
216.5	19.01	19.44	19.10
216.5	20.42	20.83	20.51
215.5	21.83	22.22	21.91
210.0	23.24	23.61	23.31
208.9	24.65	25.00	24.72
205.5	26.06	26.39	26.12
204.5	27.46	27.78	27.53
201.6	28.87	29.17	28.93
197.0	30.28	30.56	30.34
193.7	31.69	31.94	31.74
190.4	33.10	33.33	33.15
188.1	34.51	34.72	34.55
182.0	35.92	36.11	35.96
181.5	37.32	37.50	37.36
181.0	38.73	38.89	38.76
179.0	40.14	40.28	40.17
178.2	41.55	41.67	41.57
177.2	42.96	43.06	42.98
175.0	44.37	44.44	44.38
172.3	45.77	45.83	45.79
167.2	47.18	47.22	47.19
164.3	48.59	48.61	48.60
163.1	50.00	50.00	50.00
158.7	51.41	51.39	51.40
157.3	52.82	52.78	52.81
156.5	54.23	54.17	54.21
153.1	55.63	55.56	55.62
151.5	57.04	56.94	57.02
143.5	58.45	58.33	58.43
140.8	59.86	59.72	59.83
140.0	61.27	61.11	61.24
139.2	62.68	62.50	62.64
137.0	64.08	63.89	64.04
135.9	65.49	65.28	65.45
134.5	66.90	66.67	66.85
133.5	68.31	68.06	68.26
132.0	69.72	69.44	69.66
131.5	71.13	70.83	71.07
128.0	72.54	72.22	72.47
126.3	73.94	73.61	73.88
125.5	75.35	75.00	75.28
125.0	76.76	76.39	76.69
123.7	78.17	77.78	78.09
119.8	79.58	79.17	79.49
119.0	80.99	80.56	80.90
116.5	82.39	81.94	82.30
114.0	83.80	83.33	83.71
112.5	85.21	84.72	85.11
111.5	86.62	86.11	86.52
111.5	88.03	87.50	87.92
111.0	89.44	88.89	89.33
110.9	90.85	90.28	90.73
107.5	92.25	91.67	92.13
97.0	93.66	93.06	93.54
96.0	95.07	94.44	94.94
92.0	96.48	95.83	96.35
85.0	97.89	97.22	97.75
72.5	99.30	98.61	99.16