

<u>T (degrees F)</u>	<u>T (degrees C)</u>	<u>R (ohms)</u>
-40	-40.00	84.27
-39	-39.44	84.49
-38	-38.89	84.71
-37	-38.33	84.93
-36	-37.78	85.15
-35	-37.22	85.37
-34	-36.67	85.59
-33	-36.11	85.81
-32	-35.56	86.03
-31	-35.00	86.25
-30	-34.44	86.47
-29	-33.89	86.69
-28	-33.33	86.91
-27	-32.78	87.13
-26	-32.22	87.35
-25	-31.67	87.57
-24	-31.11	87.79
-23	-30.56	88.00
-22	-30.00	88.22
-21	-29.44	88.44
-20	-28.89	88.66
-19	-28.33	88.88
-18	-27.78	89.10
-17	-27.22	89.32
-16	-26.67	89.54
-15	-26.11	89.76
-14	-25.56	89.97
-13	-25.00	90.19
-12	-24.44	90.41
-11	-23.89	90.63
-10	-23.33	90.85
-9	-22.78	91.07
-8	-22.22	91.29
-7	-21.67	91.51
-6	-21.11	91.72
-5	-20.56	91.94
-4	-20.00	92.16
-3	-19.44	92.38
-2	-18.89	92.60
-1	-18.33	92.82
0	-17.78	93.03
1	-17.22	93.25
2	-16.67	93.47
3	-16.11	93.69
4	-15.56	93.91
5	-15.00	94.13
6	-14.44	94.34
7	-13.89	94.56
8	-13.33	94.78
9	-12.78	95.00

10	-12.22	95.22
11	-11.67	95.43
12	-11.11	95.65
13	-10.56	95.87
14	-10.00	96.09
15	-9.44	96.30
16	-8.89	96.52
17	-8.33	96.74
18	-7.78	96.96
19	-7.22	97.17
20	-6.67	97.39
21	-6.11	97.61
22	-5.56	97.83
23	-5.00	98.04
24	-4.44	98.26
25	-3.89	98.48
26	-3.33	98.70
27	-2.78	98.91
28	-2.22	99.13
29	-1.67	99.35
30	-1.11	99.57
31	-0.56	99.78
32	0.00	100.00
33	0.56	100.22
34	1.11	100.43
35	1.67	100.65
36	2.22	100.87
37	2.78	101.09
38	3.33	101.30
39	3.89	101.52
40	4.44	101.74
41	5.00	101.95
42	5.56	102.17
43	6.11	102.39
44	6.67	102.60
45	7.22	102.82
46	7.78	103.04
47	8.33	103.25
48	8.89	103.47
49	9.44	103.69
50	10.00	103.90
51	10.56	104.12
52	11.11	104.33
53	11.67	104.55
54	12.22	104.77
55	12.78	104.98
56	13.33	105.20
57	13.89	105.42
58	14.44	105.63
59	15.00	105.85
60	15.56	106.06
60.1	15.61	106.09

60.2	15.67	106.11
60.3	15.72	106.13
60.4	15.78	106.15
60.5	15.83	106.17
60.6	15.89	106.19
60.7	15.94	106.22
60.8	16.00	106.24
60.9	16.06	106.26
61	16.11	106.28
61.1	16.17	106.30
61.2	16.22	106.32
61.3	16.28	106.35
61.4	16.33	106.37
61.5	16.39	106.39
61.6	16.44	106.41
61.7	16.50	106.43
61.8	16.56	106.45
61.9	16.61	106.48
62	16.67	106.50
62.1	16.72	106.52
62.2	16.78	106.54
62.3	16.83	106.56
62.4	16.89	106.58
62.5	16.94	106.60
62.6	17.00	106.63
62.7	17.06	106.65
62.8	17.11	106.67
62.9	17.17	106.69
63	17.22	106.71
63.1	17.28	106.73
63.2	17.33	106.76
63.3	17.39	106.78
63.4	17.44	106.80
63.5	17.50	106.82
63.6	17.56	106.84
63.7	17.61	106.86
63.8	17.67	106.89
63.9	17.72	106.91
64	17.78	106.93
64.1	17.83	106.95
64.2	17.89	106.97
64.3	17.94	106.99
64.4	18.00	107.02
64.5	18.06	107.04
64.6	18.11	107.06
64.7	18.17	107.08
64.8	18.22	107.10
64.9	18.28	107.12
65	18.33	107.14
65.1	18.39	107.17
65.2	18.44	107.19
65.3	18.50	107.21

65.4	18.56	107.23
65.5	18.61	107.25
65.6	18.67	107.27
65.7	18.72	107.30
65.8	18.78	107.32
65.9	18.83	107.34
66	18.89	107.36
66.1	18.94	107.38
66.2	19.00	107.40
66.3	19.06	107.43
66.4	19.11	107.45
66.5	19.17	107.47
66.6	19.22	107.49
66.7	19.28	107.51
66.8	19.33	107.53
66.9	19.39	107.55
67	19.44	107.58
67.1	19.50	107.60
67.2	19.56	107.62
67.3	19.61	107.64
67.4	19.67	107.66
67.5	19.72	107.68
67.6	19.78	107.71
67.7	19.83	107.73
67.8	19.89	107.75
67.9	19.94	107.77
68	20.00	107.79
68.1	20.06	107.81
68.2	20.11	107.84
68.3	20.17	107.86
68.4	20.22	107.88
68.5	20.28	107.90
68.6	20.33	107.92
68.7	20.39	107.94
68.8	20.44	107.97
68.9	20.50	107.99
69	20.56	108.01
69.1	20.61	108.03
69.2	20.67	108.05
69.3	20.72	108.07
69.4	20.78	108.09
69.5	20.83	108.12
69.6	20.89	108.14
69.7	20.94	108.16
69.8	21.00	108.18
69.9	21.06	108.20
70	21.11	108.22
70.1	21.17	108.25
70.2	21.22	108.27
70.3	21.28	108.29
70.4	21.33	108.31
70.5	21.39	108.33

70.6	21.44	108.35
70.7	21.50	108.37
70.8	21.56	108.40
70.9	21.61	108.42
71	21.67	108.44
71.1	21.72	108.46
71.2	21.78	108.48
71.3	21.83	108.50
71.4	21.89	108.53
71.5	21.94	108.55
71.6	22.00	108.57
71.7	22.06	108.59
71.8	22.11	108.61
71.9	22.17	108.63
72	22.22	108.66
72.1	22.28	108.68
72.2	22.33	108.70
72.3	22.39	108.72
72.4	22.44	108.74
72.5	22.50	108.76
72.6	22.56	108.78
72.7	22.61	108.81
72.8	22.67	108.83
72.9	22.72	108.85
73	22.78	108.87
73.1	22.83	108.89
73.2	22.89	108.91
73.3	22.94	108.94
73.4	23.00	108.96
73.5	23.06	108.98
73.6	23.11	109.00
73.7	23.17	109.02
73.8	23.22	109.04
73.9	23.28	109.07
74	23.33	109.09
74.1	23.39	109.11
74.2	23.44	109.13
74.3	23.50	109.15
74.4	23.56	109.17
74.5	23.61	109.19
74.6	23.67	109.22
74.7	23.72	109.24
74.8	23.78	109.26
74.9	23.83	109.28
75	23.89	109.30
75.1	23.94	109.32
75.2	24.00	109.35
75.3	24.06	109.37
75.4	24.11	109.39
75.5	24.17	109.41
75.6	24.22	109.43
75.7	24.28	109.45

75.8	24.33	109.47
75.9	24.39	109.50
76	24.44	109.52
76.1	24.50	109.54
76.2	24.56	109.56
76.3	24.61	109.58
76.4	24.67	109.60
76.5	24.72	109.63
76.6	24.78	109.65
76.7	24.83	109.67
76.8	24.89	109.69
76.9	24.94	109.71
77	25.00	109.73
77.1	25.06	109.75
77.2	25.11	109.78
77.3	25.17	109.80
77.4	25.22	109.82
77.5	25.28	109.84
77.6	25.33	109.86
77.7	25.39	109.88
77.8	25.44	109.91
77.9	25.50	109.93
78	25.56	109.95
78.1	25.61	109.97
78.2	25.67	109.99
78.3	25.72	110.01
78.4	25.78	110.03
78.5	25.83	110.06
78.6	25.89	110.08
78.7	25.94	110.10
78.8	26.00	110.12
78.9	26.06	110.14
79	26.11	110.16
79.1	26.17	110.19
79.2	26.22	110.21
79.3	26.28	110.23
79.4	26.33	110.25
79.5	26.39	110.27
79.6	26.44	110.29
79.7	26.50	110.31
79.8	26.56	110.34
79.9	26.61	110.36
80	26.67	110.38
80.1	26.72	110.40
80.2	26.78	110.42
80.3	26.83	110.44
80.4	26.89	110.47
80.5	26.94	110.49
80.6	27.00	110.51
80.7	27.06	110.53
80.8	27.11	110.55
80.9	27.17	110.57

81	27.22	110.59
81.1	27.28	110.62
81.2	27.33	110.64
81.3	27.39	110.66
81.4	27.44	110.68
81.5	27.50	110.70
81.6	27.56	110.72
81.7	27.61	110.75
81.8	27.67	110.77
81.9	27.72	110.79
82	27.78	110.81
82.1	27.83	110.83
82.2	27.89	110.85
82.3	27.94	110.87
82.4	28.00	110.90
82.5	28.06	110.92
82.6	28.11	110.94
82.7	28.17	110.96
82.8	28.22	110.98
82.9	28.28	111.00
83	28.33	111.03
83.1	28.39	111.05
83.2	28.44	111.07
83.3	28.50	111.09
83.4	28.56	111.11
83.5	28.61	111.13
83.6	28.67	111.15
83.7	28.72	111.18
83.8	28.78	111.20
83.9	28.83	111.22
84	28.89	111.24
84.1	28.94	111.26
84.2	29.00	111.28
84.3	29.06	111.31
84.4	29.11	111.33
84.5	29.17	111.35
84.6	29.22	111.37
84.7	29.28	111.39
84.8	29.33	111.41
84.9	29.39	111.43
85	29.44	111.46
85.1	29.50	111.48
85.2	29.56	111.50
85.3	29.61	111.52
85.4	29.67	111.54
85.5	29.72	111.56
85.6	29.78	111.59
85.7	29.83	111.61
85.8	29.89	111.63
85.9	29.94	111.65
86	30.00	111.67
86.1	30.06	111.69

86.2	30.11	111.71
86.3	30.17	111.74
86.4	30.22	111.76
86.5	30.28	111.78
86.6	30.33	111.80
86.7	30.39	111.82
86.8	30.44	111.84
86.9	30.50	111.86
87	30.56	111.89
87.1	30.61	111.91
87.2	30.67	111.93
87.3	30.72	111.95
87.4	30.78	111.97
87.5	30.83	111.99
87.6	30.89	112.02
87.7	30.94	112.04
87.8	31.00	112.06
87.9	31.06	112.08
88	31.11	112.10
88.1	31.17	112.12
88.2	31.22	112.14
88.3	31.28	112.17
88.4	31.33	112.19
88.5	31.39	112.21
88.6	31.44	112.23
88.7	31.50	112.25
88.8	31.56	112.27
88.9	31.61	112.30
89	31.67	112.32
89.1	31.72	112.34
89.2	31.78	112.36
89.3	31.83	112.38
89.4	31.89	112.40
89.5	31.94	112.42
89.6	32.00	112.45
89.7	32.06	112.47
89.8	32.11	112.49
89.9	32.17	112.51
90	32.22	112.53
91	32.78	112.75
92	33.33	112.96
93	33.89	113.18
94	34.44	113.39
95	35.00	113.61
96	35.56	113.82
97	36.11	114.04
98	36.67	114.25
99	37.22	114.47
100	37.78	114.68
101	38.33	114.89
102	38.89	115.11
103	39.44	115.32



104	40.00	115.54
105	40.56	115.75
106	41.11	115.97
107	41.67	116.18
108	42.22	116.40
109	42.78	116.61
110	43.33	116.83
111	43.89	117.04
112	44.44	117.25
113	45.00	117.47
114	45.56	117.68
115	46.11	117.90
116	46.67	118.11
117	47.22	118.32
118	47.78	118.54
119	48.33	118.75
120	48.89	118.97
121	49.44	119.18
122	50.00	119.39
123	50.56	119.61
124	51.11	119.82
125	51.67	120.04
126	52.22	120.25
127	52.78	120.46
128	53.33	120.68
129	53.89	120.89
130	54.44	121.10
131	55.00	121.32
132	55.56	121.53
133	56.11	121.74
134	56.67	121.96
135	57.22	122.17
136	57.78	122.39
137	58.33	122.60
138	58.89	122.81
139	59.44	123.03
140	60.00	123.24
141	60.56	123.45
142	61.11	123.67
143	61.67	123.88
144	62.22	124.09
145	62.78	124.30
146	63.33	124.52
147	63.89	124.73
148	64.44	124.94
149	65.00	125.16
150	65.56	125.37
151	66.11	125.58
152	66.67	125.79
153	67.22	126.01
154	67.78	126.22
155	68.33	126.43

156	68.89	126.65
157	69.44	126.86
158	70.00	127.07
159	70.56	127.28
160	71.11	127.50
161	71.67	127.71
162	72.22	127.92
163	72.78	128.13
164	73.33	128.35
165	73.89	128.56
166	74.44	128.77
167	75.00	128.98
168	75.56	129.20
169	76.11	129.41
170	76.67	129.62
171	77.22	129.83
172	77.78	130.04
173	78.33	130.26
174	78.89	130.47
175	79.44	130.68
176	80.00	130.89
177	80.56	131.10
178	81.11	131.32
179	81.67	131.53
180	82.22	131.74
181	82.78	131.95
182	83.33	132.16
183	83.89	132.38
184	84.44	132.59
185	85.00	132.80
186	85.56	133.01
187	86.11	133.22
188	86.67	133.43
189	87.22	133.64
190	87.78	133.86
191	88.33	134.07
192	88.89	134.28
193	89.44	134.49
194	90.00	134.70
195	90.56	134.91
196	91.11	135.12
197	91.67	135.34
198	92.22	135.55
199	92.78	135.76
200	93.33	135.97
201	93.89	136.18
202	94.44	136.39
203	95.00	136.60
204	95.56	136.81
205	96.11	137.02
206	96.67	137.24
207	97.22	137.45

208	97.78	137.66
209	98.33	137.87
210	98.89	138.08
211	99.44	138.29
212	100.00	138.50
213	100.56	138.71
214	101.11	138.92
215	101.67	139.13
216	102.22	139.34
217	102.78	139.55
218	103.33	139.76
219	103.89	139.97
220	104.44	140.18
221	105.00	140.39
222	105.56	140.61
223	106.11	140.82
224	106.67	141.03
225	107.22	141.24
226	107.78	141.45
227	108.33	141.66
228	108.89	141.87
229	109.44	142.08
230	110.00	142.29
231	110.56	142.50
232	111.11	142.71
233	111.67	142.92
234	112.22	143.13
235	112.78	143.34
236	113.33	143.55
237	113.89	143.76
238	114.44	143.97
239	115.00	144.18
240	115.56	144.39
241	116.11	144.59
242	116.67	144.80
243	117.22	145.01
244	117.78	145.22
245	118.33	145.43
246	118.89	145.64
247	119.44	145.85
248	120.00	146.06
249	120.56	146.27
250	121.11	146.48
251	121.67	146.69
252	122.22	146.90
253	122.78	147.11
254	123.33	147.32
255	123.89	147.53
256	124.44	147.74
257	125.00	147.94
258	125.56	148.15
259	126.11	148.36

260	126.67	148.57
261	127.22	148.78
262	127.78	148.99
263	128.33	149.20
264	128.89	149.41
265	129.44	149.62
266	130.00	149.82
267	130.56	150.03
268	131.11	150.24
269	131.67	150.45
270	132.22	150.66
271	132.78	150.87
272	133.33	151.08
273	133.89	151.29
274	134.44	151.49
275	135.00	151.70
276	135.56	151.91
277	136.11	152.12
278	136.67	152.33
279	137.22	152.54
280	137.78	152.74
281	138.33	152.95
282	138.89	153.16
283	139.44	153.37
284	140.00	153.58
285	140.56	153.78
286	141.11	153.99
287	141.67	154.20
288	142.22	154.41
289	142.78	154.62
290	143.33	154.82
291	143.89	155.03
292	144.44	155.24
293	145.00	155.45
294	145.56	155.66
295	146.11	155.86
296	146.67	156.07
297	147.22	156.28
298	147.78	156.49
299	148.33	156.69
300	148.89	156.90
301	149.44	157.11
302	150.00	157.32
303	150.56	157.52
304	151.11	157.73
305	151.67	157.94
306	152.22	158.15
307	152.78	158.35
308	153.33	158.56
309	153.89	158.77
310	154.44	158.98
311	155.00	159.18

312	155.56	159.39
313	156.11	159.60
314	156.67	159.80
315	157.22	160.01
316	157.78	160.22
317	158.33	160.42
318	158.89	160.63
319	159.44	160.84
320	160.00	161.05
321	160.56	161.25
322	161.11	161.46
323	161.67	161.67
324	162.22	161.87
325	162.78	162.08
326	163.33	162.29
327	163.89	162.49
328	164.44	162.70
329	165.00	162.91
330	165.56	163.11
331	166.11	163.32
332	166.67	163.53
333	167.22	163.73
334	167.78	163.94
335	168.33	164.14
336	168.89	164.35
337	169.44	164.56
338	170.00	164.76
339	170.56	164.97
340	171.11	165.18
341	171.67	165.38
342	172.22	165.59
343	172.78	165.79
344	173.33	166.00
345	173.89	166.21
346	174.44	166.41
347	175.00	166.62
348	175.56	166.82
349	176.11	167.03
350	176.67	167.23
351	177.22	167.44
352	177.78	167.65
353	178.33	167.85
354	178.89	168.06
355	179.44	168.26
356	180.00	168.47
357	180.56	168.67
358	181.11	168.88
359	181.67	169.08
360	182.22	169.29
361	182.78	169.50
362	183.33	169.70
363	183.89	169.91

364	184.44	170.11
365	185.00	170.32
366	185.56	170.52
367	186.11	170.73
368	186.67	170.93
369	187.22	171.14
370	187.78	171.34
371	188.33	171.55
372	188.89	171.75
373	189.44	171.96
374	190.00	172.16
375	190.56	172.37
376	191.11	172.57
377	191.67	172.78
378	192.22	172.98
379	192.78	173.19
380	193.33	173.39
381	193.89	173.60
382	194.44	173.80
383	195.00	174.01
384	195.56	174.21
385	196.11	174.41
386	196.67	174.62
387	197.22	174.82
388	197.78	175.03
389	198.33	175.23
390	198.89	175.44
391	199.44	175.64
392	200.00	175.85
393	200.56	176.05
394	201.11	176.25
395	201.67	176.46
396	202.22	176.66
397	202.78	176.87
398	203.33	177.07
399	203.89	177.27
400	204.44	177.48
401	205.00	177.68
402	205.56	177.89
403	206.11	178.09
404	206.67	178.29
405	207.22	178.50
406	207.78	178.70
407	208.33	178.91
408	208.89	179.11
409	209.44	179.31
410	210.00	179.52
411	210.56	179.72
412	211.11	179.92
413	211.67	180.13
414	212.22	180.33
415	212.78	180.53

416	213.33	180.74
417	213.89	180.94
418	214.44	181.14
419	215.00	181.35
420	215.56	181.55
421	216.11	181.75
422	216.67	181.96
423	217.22	182.16
424	217.78	182.36
425	218.33	182.57
426	218.89	182.77
427	219.44	182.97
428	220.00	183.18
429	220.56	183.38
430	221.11	183.58
431	221.67	183.78
432	222.22	183.99
433	222.78	184.19
434	223.33	184.39
435	223.89	184.60
436	224.44	184.80
437	225.00	185.00
438	225.56	185.20
439	226.11	185.41
440	226.67	185.61
441	227.22	185.81
442	227.78	186.01
443	228.33	186.22
444	228.89	186.42
445	229.44	186.62
446	230.00	186.82
447	230.56	187.03
448	231.11	187.23
449	231.67	187.43
450	232.22	187.63
451	232.78	187.83
452	233.33	188.04
453	233.89	188.24
454	234.44	188.44
455	235.00	188.64
456	235.56	188.85
457	236.11	189.05
458	236.67	189.25
459	237.22	189.45
460	237.78	189.65
461	238.33	189.85
462	238.89	190.06
463	239.44	190.26
464	240.00	190.46
465	240.56	190.66
466	241.11	190.86
467	241.67	191.06

468	242.22	191.27
469	242.78	191.47
470	243.33	191.67
471	243.89	191.87
472	244.44	192.07
473	245.00	192.27
474	245.56	192.47
475	246.11	192.68
476	246.67	192.88
477	247.22	193.08
478	247.78	193.28
479	248.33	193.48
480	248.89	193.68
481	249.44	193.88
482	250.00	194.08
483	250.56	194.29
484	251.11	194.49
485	251.67	194.69
486	252.22	194.89
487	252.78	195.09
488	253.33	195.29
489	253.89	195.49
490	254.44	195.69
491	255.00	195.89
492	255.56	196.09
493	256.11	196.29
494	256.67	196.49
495	257.22	196.70
496	257.78	196.90
497	258.33	197.10
498	258.89	197.30
499	259.44	197.50
500	260.00	197.70
501	260.56	197.90
502	261.11	198.10
503	261.67	198.30
504	262.22	198.50
505	262.78	198.70
506	263.33	198.90
507	263.89	199.10
508	264.44	199.30
509	265.00	199.50
510	265.56	199.70
511	266.11	199.90
512	266.67	200.10
513	267.22	200.30
514	267.78	200.50
515	268.33	200.70
516	268.89	200.90
517	269.44	201.10
518	270.00	201.30
519	270.56	201.50



520	271.11	201.70
521	271.67	201.90
522	272.22	202.10
523	272.78	202.30
524	273.33	202.50
525	273.89	202.70
526	274.44	202.90
527	275.00	203.10
528	275.56	203.30
529	276.11	203.49
530	276.67	203.69
531	277.22	203.89
532	277.78	204.09
533	278.33	204.29
534	278.89	204.49
535	279.44	204.69
536	280.00	204.89
537	280.56	205.09
538	281.11	205.29
539	281.67	205.49
540	282.22	205.69
541	282.78	205.88
542	283.33	206.08
543	283.89	206.28
544	284.44	206.48
545	285.00	206.68
546	285.56	206.88
547	286.11	207.08
548	286.67	207.28
549	287.22	207.48
550	287.78	207.67
551	288.33	207.87
552	288.89	208.07
553	289.44	208.27
554	290.00	208.47
555	290.56	208.67
556	291.11	208.87
557	291.67	209.06
558	292.22	209.26
559	292.78	209.46
560	293.33	209.66
561	293.89	209.86
562	294.44	210.05
563	295.00	210.25
564	295.56	210.45
565	296.11	210.65
566	296.67	210.85
567	297.22	211.05
568	297.78	211.24
569	298.33	211.44
570	298.89	211.64
571	299.44	211.84

572	300.00	212.04
573	300.56	212.23
574	301.11	212.43
575	301.67	212.63
576	302.22	212.83
577	302.78	213.02
578	303.33	213.22
579	303.89	213.42
580	304.44	213.62
581	305.00	213.81
582	305.56	214.01
583	306.11	214.21
584	306.67	214.41
585	307.22	214.60
586	307.78	214.80
587	308.33	215.00
588	308.89	215.20
589	309.44	215.39
590	310.00	215.59
591	310.56	215.79
592	311.11	215.99
593	311.67	216.18
594	312.22	216.38
595	312.78	216.58
596	313.33	216.77
597	313.89	216.97
598	314.44	217.17
599	315.00	217.36
600	315.56	217.56
601	316.11	217.76
602	316.67	217.95
603	317.22	218.15
604	317.78	218.35
605	318.33	218.54
606	318.89	218.74
607	319.44	218.94
608	320.00	219.13
609	320.56	219.33
610	321.11	219.53
611	321.67	219.72
612	322.22	219.92
613	322.78	220.12
614	323.33	220.31
615	323.89	220.51
616	324.44	220.71
617	325.00	220.90
618	325.56	221.10
619	326.11	221.29
620	326.67	221.49
621	327.22	221.69
622	327.78	221.88
623	328.33	222.08

624	328.89	222.28
625	329.44	222.47
626	330.00	222.67
627	330.56	222.86
628	331.11	223.06
629	331.67	223.25
630	332.22	223.45
631	332.78	223.65
632	333.33	223.84
633	333.89	224.04
634	334.44	224.23
635	335.00	224.43
636	335.56	224.62
637	336.11	224.82
638	336.67	225.02
639	337.22	225.21
640	337.78	225.41
641	338.33	225.60
642	338.89	225.80
643	339.44	225.99
644	340.00	226.19
645	340.56	226.38
646	341.11	226.58
647	341.67	226.77
648	342.22	226.97
649	342.78	227.16
650	343.33	227.36
651	343.89	227.55
652	344.44	227.75
653	345.00	227.94
654	345.56	228.14
655	346.11	228.33
656	346.67	228.53
657	347.22	228.72
658	347.78	228.92
659	348.33	229.11
660	348.89	229.31
661	349.44	229.50
662	350.00	229.70
663	350.56	229.89
664	351.11	230.09
665	351.67	230.28
666	352.22	230.48
667	352.78	230.67
668	353.33	230.86
669	353.89	231.06
670	354.44	231.25
671	355.00	231.45
672	355.56	231.64
673	356.11	231.84
674	356.67	232.03
675	357.22	232.22

676	357.78	232.42
677	358.33	232.61
678	358.89	232.81
679	359.44	233.00
680	360.00	233.19
681	360.56	233.39
682	361.11	233.58
683	361.67	233.78
684	362.22	233.97
685	362.78	234.16
686	363.33	234.36
687	363.89	234.55
688	364.44	234.75
689	365.00	234.94
690	365.56	235.13
691	366.11	235.33
692	366.67	235.52
693	367.22	235.71
694	367.78	235.91
695	368.33	236.10
696	368.89	236.29
697	369.44	236.49
698	370.00	236.68
699	370.56	236.87
700	371.11	237.07
701	371.67	237.26
702	372.22	237.45
703	372.78	237.65
704	373.33	237.84
705	373.89	238.03
706	374.44	238.23
707	375.00	238.42
708	375.56	238.61
709	376.11	238.81
710	376.67	239.00
711	377.22	239.19
712	377.78	239.38
713	378.33	239.58
714	378.89	239.77
715	379.44	239.96
716	380.00	240.16
717	380.56	240.35
718	381.11	240.54
719	381.67	240.73
720	382.22	240.93
721	382.78	241.12
722	383.33	241.31
723	383.89	241.50
724	384.44	241.70
725	385.00	241.89
726	385.56	242.08
727	386.11	242.27

728	386.67	242.47
729	387.22	242.66
730	387.78	242.85
731	388.33	243.04
732	388.89	243.23
733	389.44	243.43
734	390.00	243.62
735	390.56	243.81
736	391.11	244.00
737	391.67	244.19
738	392.22	244.39
739	392.78	244.58
740	393.33	244.77
741	393.89	244.96
742	394.44	245.15
743	395.00	245.35