

Comune di **MORRO D'ALBA**

INDICE

H altitudine casa comunale **199** m min. 49 max 203
 GG numero gradi giorno della località 1936 (tabelle All. A DPR 26/08/93 n. 412)
 Zona climatica D
 ng numero dei giorni del periodo annuale di esercizio degli impianti termici in funzione della zona climatica 166 (tabelle All. A DPR 26/08/93 n. 412)

$$K_p = \frac{P_b + P_{mc}}{P_r} \qquad K_T = \frac{T_r}{T_{mc}} = \frac{288,15}{273,15 \cdot [22 - GG / ng]}$$

Punti di riconsegna con pressione relativa di misura ≤ 0,025 bar - 25 mbar

P_r pressione assoluta di riferimento 1,013250 bar
 P_b pressione barometrica 0,989571 bar $P_b = 1,01325 \times (1 - 2,25577 \times 10^{-6} \times H)^{5,2559}$
 P_{mc} pressione relativa di misura convenzionale 0,020000 bar 20,00 mbar
 T_r temperatura assoluta di riferimento
 T_{mc} temperatura assoluta di misura convenzionale

$K_p = 0,996369 \qquad K_T = 1,016447$

$C = K_p \cdot K_T = 1,012756$

Punti di riconsegna con pressione relativa di misura > 0,025 bar - 25 mbar

	limiti fascia altimetrica	49+99	100+203
n	fascia altimetrica superiore	-1	0
Fa_n^{sup}	estremo superiore fascia altimetrica	99	299
Fa_n^{inf}	estremo inferiore fascia altimetrica	0	100
H	altitudine media per fascia altimetrica	49	199
P_r	pressione assoluta di riferimento	1,013250	1,013250
P_b	pressione barometrica	1,007377	0,989571
	$K_T =$	1,016447	

FASCIA ALTIMETRICA	-1		0	
	K_p	C	K_p	C
P_{mc} (mbar)				
26,00	1,019864	1,036638	1,002291	1,018776
27,00	1,020851	1,037641	1,003278	1,019779
28,00	1,021838	1,038644	1,004264	1,020781
29,00	1,022825	1,039647	1,005251	1,021784
30,00	1,023812	1,040651	1,006238	1,022788
31,00	1,024799	1,041654	1,007225	1,023791
32,00	1,025786	1,042657	1,008212	1,024794
33,00	1,026773	1,043660	1,009199	1,025797
34,00	1,027760	1,044664	1,010186	1,026801
35,00	1,028746	1,045666	1,011173	1,027804
36,00	1,029733	1,046669	1,012160	1,028807
37,00	1,030720	1,047672	1,013147	1,029810
38,00	1,031707	1,048675	1,014134	1,030813
39,00	1,032694	1,049679	1,015121	1,031817
40,00	1,033681	1,050682	1,016108	1,032820
41,00	1,034668	1,051685	1,017094	1,033822
42,00	1,035655	1,052688	1,018081	1,034825
43,00	1,036642	1,053692	1,019068	1,035829
44,00	1,037629	1,054695	1,020055	1,036832
45,00	1,038616	1,055698	1,021042	1,037835
46,00	1,039603	1,056701	1,022029	1,038838

47,00	1,040590	1,057705	1,023016	1,039842
48,00	1,041576	1,058707	1,024003	1,040845
49,00	1,042563	1,059710	1,024990	1,041848
50,00	1,043550	1,060713	1,025977	1,042851
51,00	1,044537	1,061717	1,026964	1,043854
52,00	1,045524	1,062720	1,027951	1,044858
53,00	1,046511	1,063723	1,028938	1,045861
54,00	1,047498	1,064726	1,029924	1,046863
55,00	1,048485	1,065729	1,030911	1,047866
56,00	1,049472	1,066733	1,031898	1,048870
57,00	1,050459	1,067736	1,032885	1,049873
58,00	1,051446	1,068739	1,033872	1,050876
59,00	1,052433	1,069742	1,034859	1,051879
60,00	1,053420	1,070746	1,035846	1,052883
61,00	1,054406	1,071748	1,036833	1,053886
62,00	1,055393	1,072751	1,037820	1,054889
63,00	1,056380	1,073754	1,038807	1,055892
64,00	1,057367	1,074758	1,039794	1,056895
65,00	1,058354	1,075761	1,040781	1,057899
66,00	1,059341	1,076764	1,041768	1,058902
67,00	1,060328	1,077767	1,042754	1,059904
68,00	1,061315	1,078770	1,043741	1,060907
69,00	1,062302	1,079774	1,044728	1,061911
70,00	1,063289	1,080777	1,045715	1,062914
71,00	1,064276	1,081780	1,046702	1,063917
72,00	1,065263	1,082783	1,047689	1,064920
73,00	1,066250	1,083787	1,048676	1,065924
74,00	1,067236	1,084789	1,049663	1,066927
75,00	1,068223	1,085792	1,050650	1,067930
76,00	1,069210	1,086795	1,051637	1,068933
77,00	1,070197	1,087799	1,052624	1,069937
78,00	1,071184	1,088802	1,053611	1,070940
79,00	1,072171	1,089805	1,054598	1,071943
80,00	1,073158	1,090808	1,055584	1,072945
81,00	1,074145	1,091811	1,056571	1,073948
82,00	1,075132	1,092815	1,057558	1,074952
83,00	1,076119	1,093818	1,058545	1,075955
84,00	1,077106	1,094821	1,059532	1,076958
85,00	1,078093	1,095824	1,060519	1,077961
86,00	1,079080	1,096828	1,061506	1,078965
87,00	1,080066	1,097830	1,062493	1,079968
88,00	1,081053	1,098833	1,063480	1,080971
89,00	1,082040	1,099836	1,064467	1,081974
90,00	1,083027	1,100840	1,065454	1,082978
91,00	1,084014	1,101843	1,066441	1,083981
92,00	1,085001	1,102846	1,067428	1,084984
93,00	1,085988	1,103849	1,068415	1,085987
94,00	1,086975	1,104852	1,069401	1,086989
95,00	1,087962	1,105856	1,070388	1,087993
96,00	1,088949	1,106859	1,071375	1,088996

97,00	1,089936	1,107862	1,072362	1,089999
98,00	1,090923	1,108865	1,073349	1,091002
99,00	1,091910	1,109869	1,074336	1,092006
100,00	1,092896	1,110871	1,075323	1,093009
101,00	1,093883	1,111874	1,076310	1,094012
102,00	1,094870	1,112877	1,077297	1,095015
103,00	1,095857	1,113881	1,078284	1,096019
104,00	1,096844	1,114884	1,079271	1,097022
105,00	1,097831	1,115887	1,080258	1,098025
106,00	1,098818	1,116890	1,081245	1,099028
107,00	1,099805	1,117893	1,082231	1,100030
108,00	1,100792	1,118897	1,083218	1,101034
109,00	1,101779	1,119900	1,084205	1,102037
110,00	1,102766	1,120903	1,085192	1,103040
111,00	1,103753	1,121906	1,086179	1,104043
112,00	1,104740	1,122910	1,087166	1,105047
113,00	1,105726	1,123912	1,088153	1,106050
114,00	1,106713	1,124915	1,089140	1,107053
115,00	1,107700	1,125918	1,090127	1,108056
116,00	1,108687	1,126922	1,091114	1,109060
117,00	1,109674	1,127925	1,092101	1,110063
118,00	1,110661	1,128928	1,093088	1,111066
119,00	1,111648	1,129931	1,094075	1,112069
120,00	1,112635	1,130935	1,095061	1,113071
121,00	1,113622	1,131938	1,096048	1,114075
122,00	1,114609	1,132941	1,097035	1,115078
123,00	1,115596	1,133944	1,098022	1,116081
124,00	1,116583	1,134947	1,099009	1,117084
125,00	1,117570	1,135951	1,099996	1,118088
126,00	1,118556	1,136953	1,100983	1,119091
127,00	1,119543	1,137956	1,101970	1,120094
128,00	1,120530	1,138959	1,102957	1,121097
129,00	1,121517	1,139963	1,103944	1,122101
130,00	1,122504	1,140966	1,104931	1,123104
131,00	1,123491	1,141969	1,105918	1,124107
132,00	1,124478	1,142972	1,106905	1,125110
133,00	1,125465	1,143976	1,107891	1,126112
134,00	1,126452	1,144979	1,108878	1,127116
135,00	1,127439	1,145982	1,109865	1,128119
136,00	1,128426	1,146985	1,110852	1,129122
137,00	1,129413	1,147988	1,111839	1,130125
138,00	1,130400	1,148992	1,112826	1,131129
139,00	1,131386	1,149994	1,113813	1,132132
140,00	1,132373	1,150997	1,114800	1,133135
141,00	1,133360	1,152000	1,115787	1,134138
142,00	1,134347	1,153004	1,116774	1,135142
143,00	1,135334	1,154007	1,117761	1,136145
144,00	1,136321	1,155010	1,118748	1,137148
145,00	1,137308	1,156013	1,119735	1,138151
146,00	1,138295	1,157017	1,120721	1,139153

147,00	1,139282	1,158020	1,121708	1,140157
148,00	1,140269	1,159023	1,122695	1,141160
149,00	1,141256	1,160026	1,123682	1,142163
150,00	1,142243	1,161029	1,124669	1,143166
151,00	1,143230	1,162033	1,125656	1,144170
152,00	1,144216	1,163035	1,126643	1,145173
153,00	1,145203	1,164038	1,127630	1,146176
154,00	1,146190	1,165041	1,128617	1,147179
155,00	1,147177	1,166045	1,129604	1,148183
156,00	1,148164	1,167048	1,130591	1,149186
157,00	1,149151	1,168051	1,131578	1,150189
158,00	1,150138	1,169054	1,132565	1,151192
159,00	1,151125	1,170058	1,133551	1,152195
160,00	1,152112	1,171061	1,134538	1,153198
161,00	1,153099	1,172064	1,135525	1,154201
162,00	1,154086	1,173067	1,136512	1,155204
163,00	1,155073	1,174070	1,137499	1,156207
164,00	1,156060	1,175074	1,138486	1,157211
165,00	1,157046	1,176076	1,139473	1,158214
166,00	1,158033	1,177079	1,140460	1,159217
167,00	1,159020	1,178082	1,141447	1,160220
168,00	1,160007	1,179086	1,142434	1,161224
169,00	1,160994	1,180089	1,143421	1,162227
170,00	1,161981	1,181092	1,144408	1,163230
171,00	1,162968	1,182095	1,145395	1,164233
172,00	1,163955	1,183099	1,146381	1,165236
173,00	1,164942	1,184102	1,147368	1,166239
174,00	1,165929	1,185105	1,148355	1,167242
175,00	1,166916	1,186108	1,149342	1,168245
176,00	1,167903	1,187112	1,150329	1,169248
177,00	1,168890	1,188115	1,151316	1,170252
178,00	1,169876	1,189117	1,152303	1,171255
179,00	1,170863	1,190120	1,153290	1,172258
180,00	1,171850	1,191123	1,154277	1,173261
181,00	1,172837	1,192127	1,155264	1,174265
182,00	1,173824	1,193130	1,156251	1,175268
183,00	1,174811	1,194133	1,157238	1,176271
184,00	1,175798	1,195136	1,158225	1,177274
185,00	1,176785	1,196140	1,159211	1,178277
186,00	1,177772	1,197143	1,160198	1,179280
187,00	1,178759	1,198146	1,161185	1,180283
188,00	1,179746	1,199149	1,162172	1,181286
189,00	1,180733	1,200153	1,163159	1,182289
190,00	1,181720	1,201156	1,164146	1,183293
191,00	1,182707	1,202159	1,165133	1,184296
192,00	1,183693	1,203161	1,166120	1,185299
193,00	1,184680	1,204164	1,167107	1,186302
194,00	1,185667	1,205168	1,168094	1,187306
195,00	1,186654	1,206171	1,169081	1,188309
196,00	1,187641	1,207174	1,170068	1,189312

197,00	1,188628	1,208177	1,171055	1,190315
198,00	1,189615	1,209181	1,172041	1,191318
199,00	1,190602	1,210184	1,173028	1,192321
200,00	1,191589	1,211187	1,174015	1,193324
201,00	1,192576	1,212190	1,175002	1,194327
202,00	1,193563	1,213194	1,175989	1,195330
203,00	1,194550	1,214197	1,176976	1,196334
204,00	1,195537	1,215200	1,177963	1,197337
205,00	1,196523	1,216202	1,178950	1,198340
206,00	1,197510	1,217205	1,179937	1,199343
207,00	1,198497	1,218209	1,180924	1,200347
208,00	1,199484	1,219212	1,181911	1,201350
209,00	1,200471	1,220215	1,182898	1,202353
210,00	1,201458	1,221218	1,183885	1,203356
211,00	1,202445	1,222222	1,184871	1,204359
212,00	1,203432	1,223225	1,185858	1,205362
213,00	1,204419	1,224228	1,186845	1,206365
214,00	1,205406	1,225231	1,187832	1,207368
215,00	1,206393	1,226235	1,188819	1,208372
216,00	1,207380	1,227238	1,189806	1,209375
217,00	1,208367	1,228241	1,190793	1,210378
218,00	1,209353	1,229243	1,191780	1,211381
219,00	1,210340	1,230246	1,192767	1,212384
220,00	1,211327	1,231250	1,193754	1,213388
221,00	1,212314	1,232253	1,194741	1,214391
222,00	1,213301	1,233256	1,195728	1,215394
223,00	1,214288	1,234259	1,196715	1,216397
224,00	1,215275	1,235263	1,197701	1,217400
225,00	1,216262	1,236266	1,198688	1,218403
226,00	1,217249	1,237269	1,199675	1,219406
227,00	1,218236	1,238272	1,200662	1,220409
228,00	1,219223	1,239276	1,201649	1,221413
229,00	1,220210	1,240279	1,202636	1,222416
230,00	1,221197	1,241282	1,203623	1,223419
231,00	1,222183	1,242284	1,204610	1,224422
232,00	1,223170	1,243287	1,205597	1,225425
233,00	1,224157	1,244291	1,206584	1,226429
234,00	1,225144	1,245294	1,207571	1,227432
235,00	1,226131	1,246297	1,208558	1,228435
236,00	1,227118	1,247300	1,209545	1,229438
237,00	1,228105	1,248304	1,210531	1,230441
238,00	1,229092	1,249307	1,211518	1,231444
239,00	1,230079	1,250310	1,212505	1,232447
240,00	1,231066	1,251313	1,213492	1,233450
241,00	1,232053	1,252317	1,214479	1,234454
242,00	1,233040	1,253320	1,215466	1,235457
243,00	1,234027	1,254323	1,216453	1,236460
244,00	1,235013	1,255325	1,217440	1,237463
245,00	1,236000	1,256328	1,218427	1,238466
246,00	1,236987	1,257332	1,219414	1,239470

247,00	1,237974	1,258335	1,220401	1,240473
248,00	1,238961	1,259338	1,221388	1,241476
249,00	1,239948	1,260341	1,222375	1,242479
250,00	1,240935	1,261345	1,223361	1,243482
251,00	1,241922	1,262348	1,224348	1,244485
252,00	1,242909	1,263351	1,225335	1,245488
253,00	1,243896	1,264354	1,226322	1,246491
254,00	1,244883	1,265358	1,227309	1,247495
255,00	1,245870	1,266361	1,228296	1,248498
256,00	1,246857	1,267364	1,229283	1,249501
257,00	1,247843	1,268366	1,230270	1,250504
258,00	1,248830	1,269370	1,231257	1,251507
259,00	1,249817	1,270373	1,232244	1,252511
260,00	1,250804	1,271376	1,233231	1,253514
261,00	1,251791	1,272379	1,234218	1,254517
262,00	1,252778	1,273382	1,235205	1,255520
263,00	1,253765	1,274386	1,236191	1,256523
264,00	1,254752	1,275389	1,237178	1,257526
265,00	1,255739	1,276392	1,238165	1,258529
266,00	1,256726	1,277395	1,239152	1,259532
267,00	1,257713	1,278399	1,240139	1,260536
268,00	1,258700	1,279402	1,241126	1,261539
269,00	1,259687	1,280405	1,242113	1,262542
270,00	1,260673	1,281407	1,243100	1,263545
271,00	1,261660	1,282411	1,244087	1,264548
272,00	1,262647	1,283414	1,245074	1,265552
273,00	1,263634	1,284417	1,246061	1,266555
274,00	1,264621	1,285420	1,247048	1,267558
275,00	1,265608	1,286423	1,248035	1,268561
276,00	1,266595	1,287427	1,249021	1,269564
277,00	1,267582	1,288430	1,250008	1,270567
278,00	1,268569	1,289433	1,250995	1,271570
279,00	1,269556	1,290436	1,251982	1,272573
280,00	1,270543	1,291440	1,252969	1,273577
281,00	1,271530	1,292443	1,253956	1,274580
282,00	1,272517	1,293446	1,254943	1,275583
283,00	1,273503	1,294448	1,255930	1,276586
284,00	1,274490	1,295452	1,256917	1,277590
285,00	1,275477	1,296455	1,257904	1,278593
286,00	1,276464	1,297458	1,258891	1,279596
287,00	1,277451	1,298461	1,259878	1,280599
288,00	1,278438	1,299464	1,260865	1,281602
289,00	1,279425	1,300468	1,261851	1,282605
290,00	1,280412	1,301471	1,262838	1,283608
291,00	1,281399	1,302474	1,263825	1,284611
292,00	1,282386	1,303477	1,264812	1,285614
293,00	1,283373	1,304481	1,265799	1,286618
294,00	1,284360	1,305484	1,266786	1,287621
295,00	1,285347	1,306487	1,267773	1,288624
296,00	1,286333	1,307489	1,268760	1,289627

297,00	1,287320	1,308493	1,269747	1,290631
298,00	1,288307	1,309496	1,270734	1,291634
299,00	1,289294	1,310499	1,271721	1,292637
300,00	1,290281	1,311502	1,272708	1,293640
301,00	1,291268	1,312505	1,273695	1,294643
302,00	1,292255	1,313509	1,274681	1,295646
303,00	1,293242	1,314512	1,275668	1,296649
304,00	1,294229	1,315515	1,276655	1,297652
305,00	1,295216	1,316518	1,277642	1,298655
306,00	1,296203	1,317522	1,278629	1,299659
307,00	1,297190	1,318525	1,279616	1,300662
308,00	1,298177	1,319528	1,280603	1,301665
309,00	1,299163	1,320530	1,281590	1,302668
310,00	1,300150	1,321534	1,282577	1,303672
311,00	1,301137	1,322537	1,283564	1,304675
312,00	1,302124	1,323540	1,284551	1,305678
313,00	1,303111	1,324543	1,285538	1,306681
314,00	1,304098	1,325546	1,286525	1,307684
315,00	1,305085	1,326550	1,287511	1,308687
316,00	1,306072	1,327553	1,288498	1,309690
317,00	1,307059	1,328556	1,289485	1,310693
318,00	1,308046	1,329559	1,290472	1,311696
319,00	1,309033	1,330563	1,291459	1,312700
320,00	1,310020	1,331566	1,292446	1,313703
321,00	1,311007	1,332569	1,293433	1,314706
322,00	1,311993	1,333571	1,294420	1,315709
323,00	1,312980	1,334575	1,295407	1,316713
324,00	1,313967	1,335578	1,296394	1,317716
325,00	1,314954	1,336581	1,297381	1,318719
326,00	1,315941	1,337584	1,298368	1,319722
327,00	1,316928	1,338588	1,299355	1,320725
328,00	1,317915	1,339591	1,300341	1,321728
329,00	1,318902	1,340594	1,301328	1,322731
330,00	1,319889	1,341597	1,302315	1,323734
331,00	1,320876	1,342600	1,303302	1,324737
332,00	1,321863	1,343604	1,304289	1,325741
333,00	1,322850	1,344607	1,305276	1,326744
334,00	1,323837	1,345610	1,306263	1,327747
335,00	1,324823	1,346612	1,307250	1,328750
336,00	1,325810	1,347616	1,308237	1,329754
337,00	1,326797	1,348619	1,309224	1,330757
338,00	1,327784	1,349622	1,310211	1,331760
339,00	1,328771	1,350625	1,311198	1,332763
340,00	1,329758	1,351629	1,312185	1,333767
341,00	1,330745	1,352632	1,313171	1,334769
342,00	1,331732	1,353635	1,314158	1,335772
343,00	1,332719	1,354638	1,315145	1,336775
344,00	1,333706	1,355641	1,316132	1,337778
345,00	1,334693	1,356645	1,317119	1,338782
346,00	1,335680	1,357648	1,318106	1,339785

347,00	1,336667	1,358651	1,319093	1,340788
348,00	1,337653	1,359653	1,320080	1,341791
349,00	1,338640	1,360657	1,321067	1,342795
350,00	1,339627	1,361660	1,322054	1,343798
351,00	1,340614	1,362663	1,323041	1,344801
352,00	1,341601	1,363666	1,324028	1,345804
353,00	1,342588	1,364670	1,325015	1,346808
354,00	1,343575	1,365673	1,326001	1,347810
355,00	1,344562	1,366676	1,326988	1,348813
356,00	1,345549	1,367679	1,327975	1,349816
357,00	1,346536	1,368682	1,328962	1,350819
358,00	1,347523	1,369686	1,329949	1,351823
359,00	1,348510	1,370689	1,330936	1,352826
360,00	1,349497	1,371692	1,331923	1,353829
361,00	1,350483	1,372694	1,332910	1,354832
362,00	1,351470	1,373698	1,333897	1,355836
363,00	1,352457	1,374701	1,334884	1,356839
364,00	1,353444	1,375704	1,335871	1,357842
365,00	1,354431	1,376707	1,336858	1,358845
366,00	1,355418	1,377711	1,337845	1,359849
367,00	1,356405	1,378714	1,338831	1,360851
368,00	1,357392	1,379717	1,339818	1,361854
369,00	1,358379	1,380720	1,340805	1,362857
370,00	1,359366	1,381723	1,341792	1,363860
371,00	1,360353	1,382727	1,342779	1,364864
372,00	1,361340	1,383730	1,343766	1,365867
373,00	1,362327	1,384733	1,344753	1,366870
374,00	1,363313	1,385735	1,345740	1,367873
375,00	1,364300	1,386739	1,346727	1,368877
376,00	1,365287	1,387742	1,347714	1,369880
377,00	1,366274	1,388745	1,348701	1,370883
378,00	1,367261	1,389748	1,349688	1,371886
379,00	1,368248	1,390752	1,350675	1,372890
380,00	1,369235	1,391755	1,351661	1,373892
381,00	1,370222	1,392758	1,352648	1,374895
382,00	1,371209	1,393761	1,353635	1,375898
383,00	1,372196	1,394765	1,354622	1,376901
384,00	1,373183	1,395768	1,355609	1,377905
385,00	1,374170	1,396771	1,356596	1,378908
386,00	1,375157	1,397774	1,357583	1,379911
387,00	1,376143	1,398776	1,358570	1,380914
388,00	1,377130	1,399780	1,359557	1,381918
389,00	1,378117	1,400783	1,360544	1,382921
390,00	1,379104	1,401786	1,361531	1,383924
391,00	1,380091	1,402789	1,362518	1,384927
392,00	1,381078	1,403793	1,363505	1,385931
393,00	1,382065	1,404796	1,364491	1,386933
394,00	1,383052	1,405799	1,365478	1,387936
395,00	1,384039	1,406802	1,366465	1,388939
396,00	1,385026	1,407806	1,367452	1,389942

397,00	1,386013	1,408809	1,368439	1,390946
398,00	1,387000	1,409812	1,369426	1,391949
399,00	1,387987	1,410815	1,370413	1,392952
400,00	1,388973	1,411817	1,371400	1,393955
401,00	1,389960	1,412821	1,372387	1,394959
402,00	1,390947	1,413824	1,373374	1,395962
403,00	1,391934	1,414827	1,374361	1,396965
404,00	1,392921	1,415830	1,375348	1,397968
405,00	1,393908	1,416834	1,376335	1,398972
406,00	1,394895	1,417837	1,377321	1,399974
407,00	1,395882	1,418840	1,378308	1,400977
408,00	1,396869	1,419843	1,379295	1,401980
409,00	1,397856	1,420847	1,380282	1,402983
410,00	1,398843	1,421850	1,381269	1,403987
411,00	1,399830	1,422853	1,382256	1,404990
412,00	1,400817	1,423856	1,383243	1,405993
413,00	1,401803	1,424858	1,384230	1,406996
414,00	1,402790	1,425862	1,385217	1,408000
415,00	1,403777	1,426865	1,386204	1,409003
416,00	1,404764	1,427868	1,387191	1,410006
417,00	1,405751	1,428871	1,388178	1,411009
418,00	1,406738	1,429875	1,389165	1,412013
419,00	1,407725	1,430878	1,390151	1,413015
420,00	1,408712	1,431881	1,391138	1,414018
421,00	1,409699	1,432884	1,392125	1,415021
422,00	1,410686	1,433888	1,393112	1,416025
423,00	1,411673	1,434891	1,394099	1,417028
424,00	1,412660	1,435894	1,395086	1,418031
425,00	1,413647	1,436897	1,396073	1,419034
426,00	1,414633	1,437899	1,397060	1,420037
427,00	1,415620	1,438903	1,398047	1,421041
428,00	1,416607	1,439906	1,399034	1,422044
429,00	1,417594	1,440909	1,400021	1,423047
430,00	1,418581	1,441912	1,401008	1,424050
431,00	1,419568	1,442916	1,401995	1,425054
432,00	1,420555	1,443919	1,402981	1,426056
433,00	1,421542	1,444922	1,403968	1,427059
434,00	1,422529	1,445925	1,404955	1,428062
435,00	1,423516	1,446929	1,405942	1,429066
436,00	1,424503	1,447932	1,406929	1,430069
437,00	1,425490	1,448935	1,407916	1,431072
438,00	1,426477	1,449938	1,408903	1,432075
439,00	1,427463	1,450940	1,409890	1,433078
440,00	1,428450	1,451944	1,410877	1,434082
441,00	1,429437	1,452947	1,411864	1,435085
442,00	1,430424	1,453950	1,412851	1,436088
443,00	1,431411	1,454953	1,413838	1,437091
444,00	1,432398	1,455957	1,414825	1,438095
445,00	1,433385	1,456960	1,415811	1,439097
446,00	1,434372	1,457963	1,416798	1,440100

447,00	1,435359	1,458966	1,417785	1,441103
448,00	1,436346	1,459970	1,418772	1,442107
449,00	1,437333	1,460973	1,419759	1,443110
450,00	1,438320	1,461976	1,420746	1,444113
451,00	1,439307	1,462979	1,421733	1,445116
452,00	1,440293	1,463981	1,422720	1,446119
453,00	1,441280	1,464985	1,423707	1,447123
454,00	1,442267	1,465988	1,424694	1,448126
455,00	1,443254	1,466991	1,425681	1,449129
456,00	1,444241	1,467994	1,426668	1,450132
457,00	1,445228	1,468998	1,427655	1,451136
458,00	1,446215	1,470001	1,428641	1,452138
459,00	1,447202	1,471004	1,429628	1,453141
460,00	1,448189	1,472007	1,430615	1,454144
461,00	1,449176	1,473011	1,431602	1,455148
462,00	1,450163	1,474014	1,432589	1,456151
463,00	1,451150	1,475017	1,433576	1,457154
464,00	1,452137	1,476020	1,434563	1,458157
465,00	1,453123	1,477023	1,435550	1,459160
466,00	1,454110	1,478026	1,436537	1,460164
467,00	1,455097	1,479029	1,437524	1,461167
468,00	1,456084	1,480032	1,438511	1,462170
469,00	1,457071	1,481035	1,439498	1,463173
470,00	1,458058	1,482039	1,440485	1,464177
471,00	1,459045	1,483042	1,441471	1,465179
472,00	1,460032	1,484045	1,442458	1,466182
473,00	1,461019	1,485048	1,443445	1,467185
474,00	1,462006	1,486052	1,444432	1,468189
475,00	1,462993	1,487055	1,445419	1,469192
476,00	1,463980	1,488058	1,446406	1,470195
477,00	1,464967	1,489061	1,447393	1,471198
478,00	1,465953	1,490064	1,448380	1,472202
479,00	1,466940	1,491067	1,449367	1,473205
480,00	1,467927	1,492070	1,450354	1,474208
481,00	1,468914	1,493073	1,451341	1,475211
482,00	1,469901	1,494076	1,452328	1,476214
483,00	1,470888	1,495080	1,453315	1,477218
484,00	1,471875	1,496083	1,454301	1,478220
485,00	1,472862	1,497086	1,455288	1,479223
486,00	1,473849	1,498089	1,456275	1,480226
487,00	1,474836	1,499093	1,457262	1,481230
488,00	1,475823	1,500096	1,458249	1,482233
489,00	1,476810	1,501099	1,459236	1,483236
490,00	1,477797	1,502102	1,460223	1,484239
491,00	1,478783	1,503105	1,461210	1,485243
492,00	1,479770	1,504108	1,462197	1,486246
493,00	1,480757	1,505111	1,463184	1,487249
494,00	1,481744	1,506114	1,464171	1,488252
495,00	1,482731	1,507117	1,465158	1,489255
496,00	1,483718	1,508121	1,466145	1,490259

497,00	1,484705	1,509124	1,467132	1,491262
498,00	1,485692	1,510127	1,468118	1,492264
499,00	1,486679	1,511130	1,469105	1,493267
500,00	1,487666	1,512134	1,470092	1,494271
510,00	1,497535	1,522165	1,479962	1,504303
520,00	1,507404	1,532196	1,489831	1,514334
530,00	1,517273	1,542228	1,499700	1,524366
540,00	1,527143	1,552260	1,509569	1,534397
550,00	1,537012	1,562291	1,519438	1,544428
560,00	1,546881	1,572323	1,529308	1,554461
570,00	1,556750	1,582354	1,539177	1,564492
580,00	1,566620	1,592386	1,549046	1,574523
590,00	1,576489	1,602418	1,558915	1,584554
600,00	1,586358	1,612449	1,568785	1,594587
610,00	1,596227	1,622480	1,578654	1,604618
620,00	1,606097	1,632512	1,588523	1,614649
630,00	1,615966	1,642544	1,598392	1,624681
640,00	1,625835	1,652575	1,608262	1,634713
650,00	1,635704	1,662606	1,618131	1,644744
660,00	1,645574	1,672639	1,628000	1,654776
670,00	1,655443	1,682670	1,637869	1,664807
680,00	1,665312	1,692701	1,647738	1,674838
690,00	1,675181	1,702733	1,657608	1,684871
700,00	1,685050	1,712764	1,667477	1,694902
710,00	1,694920	1,722796	1,677346	1,704933
720,00	1,704789	1,732828	1,687215	1,714965
730,00	1,714658	1,742859	1,697085	1,724997
740,00	1,724527	1,752890	1,706954	1,735028
750,00	1,734397	1,762923	1,716823	1,745060
760,00	1,744266	1,772954	1,726692	1,755091
770,00	1,754135	1,782985	1,736562	1,765123
780,00	1,764004	1,793017	1,746431	1,775155
790,00	1,773874	1,803049	1,756300	1,785186
800,00	1,783743	1,813080	1,766169	1,795217
810,00	1,793612	1,823112	1,776038	1,805248
820,00	1,803481	1,833143	1,785908	1,815281
830,00	1,813350	1,843174	1,795777	1,825312
840,00	1,823220	1,853206	1,805646	1,835343
850,00	1,833089	1,863238	1,815515	1,845375
860,00	1,842958	1,873269	1,825385	1,855407
870,00	1,852827	1,883300	1,835254	1,865438
880,00	1,862697	1,893333	1,845123	1,875470
890,00	1,872566	1,903364	1,854992	1,885501
900,00	1,882435	1,913395	1,864862	1,895533
910,00	1,892304	1,923427	1,874731	1,905565
920,00	1,902174	1,933459	1,884600	1,915596
930,00	1,912043	1,943490	1,894469	1,925627
940,00	1,921912	1,953522	1,904339	1,935660
950,00	1,931781	1,963553	1,914208	1,945691
960,00	1,941650	1,973584	1,924077	1,955722

970,00	1,951520	1,983617	1,933946	1,965754
980,00	1,961389	1,993648	1,943815	1,975785
990,00	1,971258	2,003679	1,953685	1,985817
1.000,00	1,981127	2,013711	1,963554	1,995849
1.010,00	1,990997	2,023743	1,973423	2,005880
1.020,00	2,000866	2,033774	1,983292	2,015911
1.030,00	2,010735	2,043806	1,993162	2,025944
1.040,00	2,020604	2,053837	2,003031	2,035975
1.050,00	2,030474	2,063869	2,012900	2,046006
1.060,00	2,040343	2,073901	2,022769	2,056037
1.070,00	2,050212	2,083932	2,032639	2,066070
1.080,00	2,060081	2,093963	2,042508	2,076101
1.090,00	2,069951	2,103995	2,052377	2,086132
1.100,00	2,079820	2,114027	2,062246	2,096164
1.110,00	2,089689	2,124058	2,072115	2,106195
1.120,00	2,099558	2,134089	2,081985	2,116227
1.130,00	2,109427	2,144121	2,091854	2,126259
1.140,00	2,119297	2,154153	2,101723	2,136290
1.150,00	2,129166	2,164184	2,111592	2,146321
1.160,00	2,139035	2,174216	2,121462	2,156354
1.170,00	2,148904	2,184247	2,131331	2,166385
1.180,00	2,158774	2,194279	2,141200	2,176416
1.190,00	2,168643	2,204311	2,151069	2,186448
1.200,00	2,178512	2,214342	2,160939	2,196480
1.210,00	2,188381	2,224373	2,170808	2,206511
1.220,00	2,198251	2,234406	2,180677	2,216543
1.230,00	2,208120	2,244437	2,190546	2,226574
1.240,00	2,217989	2,254468	2,200415	2,236605
1.250,00	2,227858	2,264500	2,210285	2,246638
1.260,00	2,237727	2,274531	2,220154	2,256669
1.270,00	2,247597	2,284563	2,230023	2,266700
1.280,00	2,257466	2,294595	2,239892	2,276732
1.290,00	2,267335	2,304626	2,249762	2,286764
1.300,00	2,277204	2,314657	2,259631	2,296795
1.310,00	2,287074	2,324690	2,269500	2,306826
1.320,00	2,296943	2,334721	2,279369	2,316858
1.330,00	2,306812	2,344752	2,289239	2,326890
1.340,00	2,316681	2,354783	2,299108	2,336921
1.350,00	2,326551	2,364816	2,308977	2,346953
1.360,00	2,336420	2,374847	2,318846	2,356984
1.370,00	2,346289	2,384878	2,328716	2,367016
1.380,00	2,356158	2,394910	2,338585	2,377048
1.390,00	2,366027	2,404941	2,348454	2,387079
1.400,00	2,375897	2,414973	2,358323	2,397110
1.410,00	2,385766	2,425005	2,368192	2,407142
1.420,00	2,395635	2,435036	2,378062	2,417174
1.430,00	2,405504	2,445067	2,387931	2,427205
1.440,00	2,415374	2,455100	2,397800	2,437237
1.450,00	2,425243	2,465131	2,407669	2,447268
1.460,00	2,435112	2,475162	2,417539	2,457300

1.470,00	2,444981	2,485194	2,427408	2,467332
1.480,00	2,454851	2,495226	2,437277	2,477363
1.490,00	2,464720	2,505257	2,447146	2,487394
1.500,00	2,474589	2,515289	2,457016	2,497427
1.510,00	2,484458	2,525320	2,466885	2,507458
1.520,00	2,494328	2,535352	2,476754	2,517489
1.530,00	2,504197	2,545384	2,486623	2,527520
1.540,00	2,514066	2,555415	2,496492	2,537552
1.550,00	2,523935	2,565446	2,506362	2,547584
1.560,00	2,533804	2,575477	2,516231	2,557615
1.570,00	2,543674	2,585510	2,526100	2,567647
1.580,00	2,553543	2,595541	2,535969	2,577678
1.590,00	2,563412	2,605572	2,545839	2,587710
1.600,00	2,573281	2,615604	2,555708	2,597742
1.610,00	2,583151	2,625636	2,565577	2,607773
1.620,00	2,593020	2,635667	2,575446	2,617804
1.630,00	2,602889	2,645699	2,585316	2,627837
1.640,00	2,612758	2,655730	2,595185	2,637868
1.650,00	2,622628	2,665762	2,605054	2,647899
1.660,00	2,632497	2,675794	2,614923	2,657931
1.670,00	2,642366	2,685825	2,624792	2,667962
1.680,00	2,652235	2,695856	2,634662	2,677994
1.690,00	2,662104	2,705888	2,644531	2,688026
1.700,00	2,671974	2,715920	2,654400	2,698057
1.710,00	2,681843	2,725951	2,664269	2,708088
1.720,00	2,691712	2,735983	2,674139	2,718121
1.730,00	2,701581	2,746014	2,684008	2,728152
1.740,00	2,711451	2,756046	2,693877	2,738183
1.750,00	2,721320	2,766078	2,703746	2,748215
1.760,00	2,731189	2,776109	2,713616	2,758247
1.770,00	2,741058	2,786140	2,723485	2,768278
1.780,00	2,750928	2,796173	2,733354	2,778309
1.790,00	2,760797	2,806204	2,743223	2,788341
1.800,00	2,770666	2,816235	2,753093	2,798373
1.810,00	2,780535	2,826266	2,762962	2,808404
1.820,00	2,790405	2,836299	2,772831	2,818436
1.830,00	2,800274	2,846330	2,782700	2,828467
1.840,00	2,810143	2,856361	2,792569	2,838498
1.850,00	2,820012	2,866393	2,802439	2,848531
1.860,00	2,829881	2,876424	2,812308	2,858562
1.870,00	2,839751	2,886456	2,822177	2,868593
1.880,00	2,849620	2,896488	2,832046	2,878625
1.890,00	2,859489	2,906519	2,841916	2,888657
1.900,00	2,869358	2,916550	2,851785	2,898688
1.910,00	2,879228	2,926583	2,861654	2,908720
1.920,00	2,889097	2,936614	2,871523	2,918751
1.930,00	2,898966	2,946645	2,881393	2,928783
1.940,00	2,908835	2,956677	2,891262	2,938815
1.950,00	2,918705	2,966709	2,901131	2,948846
1.960,00	2,928574	2,976740	2,911000	2,958877

1.970,00	2,938443	2,986772	2,920869	2,968909
1.980,00	2,948312	2,996803	2,930739	2,978941
1.990,00	2,958181	3,006834	2,940608	2,988972
2.000,00	2,968051	3,016867	2,950477	2,999003
2.010,00	2,977920	3,026898	2,960346	3,009035
2.020,00	2,987789	3,036929	2,970216	3,019067
2.030,00	2,997658	3,046960	2,980085	3,029098
2.040,00	3,007528	3,056993	2,989954	3,039130
2.050,00	3,017397	3,067024	2,999823	3,049161
2.060,00	3,027266	3,077055	3,009693	3,059193
2.070,00	3,037135	3,087087	3,019562	3,069225
2.080,00	3,047005	3,097119	3,029431	3,079256
2.090,00	3,056874	3,107150	3,039300	3,089287
2.100,00	3,066743	3,117182	3,049169	3,099319
2.110,00	3,076612	3,127213	3,059039	3,109351
2.120,00	3,086481	3,137244	3,068908	3,119382
2.130,00	3,096351	3,147277	3,078777	3,129414
2.140,00	3,106220	3,157308	3,088646	3,139445
2.150,00	3,116089	3,167339	3,098516	3,149477
2.160,00	3,125958	3,177371	3,108385	3,159509
2.170,00	3,135828	3,187403	3,118254	3,169540
2.180,00	3,145697	3,197434	3,128123	3,179571
2.190,00	3,155566	3,207466	3,137993	3,189604
2.200,00	3,165435	3,217497	3,147862	3,199635
2.210,00	3,175305	3,227529	3,157731	3,209666
2.220,00	3,185174	3,237561	3,167600	3,219698
2.230,00	3,195043	3,247592	3,177470	3,229730
2.240,00	3,204912	3,257623	3,187339	3,239761
2.250,00	3,214782	3,267656	3,197208	3,249792
2.260,00	3,224651	3,277687	3,207077	3,259824
2.270,00	3,234520	3,287718	3,216946	3,269855
2.280,00	3,244389	3,297749	3,226816	3,279887
2.290,00	3,254258	3,307781	3,236685	3,289919
2.300,00	3,264128	3,317813	3,246554	3,299950
2.310,00	3,273997	3,327844	3,256423	3,309981
2.320,00	3,283866	3,337876	3,266293	3,320014
2.330,00	3,293735	3,347907	3,276162	3,330045
2.340,00	3,303605	3,357939	3,286031	3,340076
2.350,00	3,313474	3,367971	3,295900	3,350108
2.360,00	3,323343	3,378002	3,305770	3,360140
2.370,00	3,333212	3,388033	3,315639	3,370171
2.380,00	3,343082	3,398066	3,325508	3,380203
2.390,00	3,352951	3,408097	3,335377	3,390234
2.400,00	3,362820	3,418128	3,345246	3,400265
2.410,00	3,372689	3,428160	3,355116	3,410298
2.420,00	3,382558	3,438191	3,364985	3,420329
2.430,00	3,392428	3,448223	3,374854	3,430360
2.440,00	3,402297	3,458255	3,384723	3,440392
2.450,00	3,412166	3,468286	3,394593	3,450424
2.460,00	3,422035	3,478317	3,404462	3,460455

2.470,00	3,431905	3,488350	3,414331	3,470487
2.480,00	3,441774	3,498381	3,424200	3,480518
2.490,00	3,451643	3,508412	3,434070	3,490550
2.500,00	3,461512	3,518443	3,443939	3,500581
2.510,00	3,471382	3,528476	3,453808	3,510613
2.520,00	3,481251	3,538507	3,463677	3,520644
2.530,00	3,491120	3,548538	3,473547	3,530676
2.540,00	3,500989	3,558570	3,483416	3,540708
2.550,00	3,510858	3,568601	3,493285	3,550739
2.560,00	3,520728	3,578633	3,503154	3,560770
2.570,00	3,530597	3,588665	3,513023	3,570802
2.580,00	3,540466	3,598696	3,522893	3,580834
2.590,00	3,550335	3,608727	3,532762	3,590865
2.600,00	3,560205	3,618760	3,542631	3,600897
2.610,00	3,570074	3,628791	3,552500	3,610928
2.620,00	3,579943	3,638822	3,562370	3,620960
2.630,00	3,589812	3,648854	3,572239	3,630992
2.640,00	3,599682	3,658886	3,582108	3,641023
2.650,00	3,609551	3,668917	3,591977	3,651054
2.660,00	3,619420	3,678949	3,601847	3,661087
2.670,00	3,629289	3,688980	3,611716	3,671118
2.680,00	3,639159	3,699012	3,621585	3,681149
2.690,00	3,649028	3,709044	3,631454	3,691181
2.700,00	3,658897	3,719075	3,641323	3,701212
2.710,00	3,668766	3,729106	3,651193	3,711244
2.720,00	3,678635	3,739138	3,661062	3,721275
2.730,00	3,688505	3,749170	3,670931	3,731307
2.740,00	3,698374	3,759201	3,680800	3,741338
2.750,00	3,708243	3,769232	3,690670	3,751370
2.760,00	3,718112	3,779264	3,700539	3,761402
2.770,00	3,727982	3,789296	3,710408	3,771433
2.780,00	3,737851	3,799327	3,720277	3,781464
2.790,00	3,747720	3,809359	3,730147	3,791497
2.800,00	3,757589	3,819390	3,740016	3,801528
2.810,00	3,767459	3,829422	3,749885	3,811559
2.820,00	3,777328	3,839454	3,759754	3,821591
2.830,00	3,787197	3,849485	3,769623	3,831622
2.840,00	3,797066	3,859516	3,779493	3,841654
2.850,00	3,806935	3,869548	3,789362	3,851686
2.860,00	3,816805	3,879580	3,799231	3,861717
2.870,00	3,826674	3,889611	3,809100	3,871748
2.880,00	3,836543	3,899643	3,818970	3,881781
2.890,00	3,846412	3,909674	3,828839	3,891812
2.900,00	3,856282	3,919706	3,838708	3,901843
2.910,00	3,866151	3,929738	3,848577	3,911875
2.920,00	3,876020	3,939769	3,858447	3,921907
2.930,00	3,885889	3,949800	3,868316	3,931938
2.940,00	3,895759	3,959833	3,878185	3,941970
2.950,00	3,905628	3,969864	3,888054	3,952001
2.960,00	3,915497	3,979895	3,897924	3,962033

2.970,00	3,925366	3,989926	3,907793	3,972064
2.980,00	3,935235	3,999958	3,917662	3,982096
2.990,00	3,945105	4,009990	3,927531	3,992127
3.000,00	3,954974	4,020021	3,937400	4,002158
3.010,00	3,964843	4,030053	3,947270	4,012191
3.020,00	3,974712	4,040084	3,957139	4,022222
3.030,00	3,984582	4,050116	3,967008	4,032253
3.040,00	3,994451	4,060148	3,976877	4,042285
3.050,00	4,004320	4,070179	3,986747	4,052317
3.060,00	4,014189	4,080210	3,996616	4,062348
3.070,00	4,024059	4,090243	4,006485	4,072380
3.080,00	4,033928	4,100274	4,016354	4,082411
3.090,00	4,043797	4,110305	4,026224	4,092443
3.100,00	4,053666	4,120337	4,036093	4,102475
3.110,00	4,063536	4,130369	4,045962	4,112506
3.120,00	4,073405	4,140400	4,055831	4,122537
3.130,00	4,083274	4,150432	4,065700	4,132569
3.140,00	4,093143	4,160463	4,075570	4,142601
3.150,00	4,103012	4,170494	4,085439	4,152632
3.160,00	4,112882	4,180527	4,095308	4,162664
3.170,00	4,122751	4,190558	4,105177	4,172695
3.180,00	4,132620	4,200589	4,115047	4,182727
3.190,00	4,142489	4,210621	4,124916	4,192758
3.200,00	4,152359	4,220653	4,134785	4,202790
3.210,00	4,162228	4,230684	4,144654	4,212821
3.220,00	4,172097	4,240715	4,154524	4,222853
3.230,00	4,181966	4,250747	4,164393	4,232885
3.240,00	4,191836	4,260779	4,174262	4,242916
3.250,00	4,201705	4,270810	4,184131	4,252947
3.260,00	4,211574	4,280842	4,194000	4,262979
3.270,00	4,221443	4,290873	4,203870	4,273011
3.280,00	4,231312	4,300904	4,213739	4,283042
3.290,00	4,241182	4,310937	4,223608	4,293074
3.300,00	4,251051	4,320968	4,233477	4,303105
3.310,00	4,260920	4,330999	4,243347	4,313137
3.320,00	4,270789	4,341031	4,253216	4,323169
3.330,00	4,280659	4,351063	4,263085	4,333200
3.340,00	4,290528	4,361094	4,272954	4,343231
3.350,00	4,300397	4,371126	4,282824	4,353264
3.360,00	4,310266	4,381157	4,292693	4,363295
3.370,00	4,320136	4,391189	4,302562	4,373326
3.380,00	4,330005	4,401221	4,312431	4,383358
3.390,00	4,339874	4,411252	4,322301	4,393390
3.400,00	4,349743	4,421283	4,332170	4,403421
3.410,00	4,359612	4,431315	4,342039	4,413453
3.420,00	4,369482	4,441347	4,351908	4,423484
3.430,00	4,379351	4,451378	4,361777	4,433515
3.440,00	4,389220	4,461410	4,371647	4,443547
3.450,00	4,399089	4,471441	4,381516	4,453579
3.460,00	4,408959	4,481473	4,391385	4,463610

3.470,00	4,418828	4,491504	4,401254	4,473641
3.480,00	4,428697	4,501536	4,411124	4,483674
3.490,00	4,438566	4,511567	4,420993	4,493705
3.500,00	4,448436	4,521599	4,430862	4,503736