

Comune di **CAMERATA PICENA**

INDICE

H altitudine casa comunale **125** m min. 25 max 149  
 GG numero gradi giorno della località 1882 (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 0,998323 bar  $P_b = 1,01325x (1 - 2,25577 \times 10^{-6} \times H)^{5,2559}$   
 $P_{mc}$  pressione relativa di misura convenzionale 0,020000 bar 20,00 mbar  
 $T_r$  temperatura assoluta di riferimento  
 $T_{mc}$  temperatura assoluta di misura convenzionale

$K_p = 1,005007 \qquad K_T = 1,015282$

$C = K_p \cdot K_T = 1,020366$

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

	limiti fascia altimetrica	<b>25+25</b>	<b>26+149</b>
n	fascia altimetrica superiore	<b>-1</b>	<b>0</b>
$Fa_n^{sup}$	estremo superiore fascia altimetrica	25	225
$Fa_n^{inf}$	estremo inferiore fascia altimetrica	<b>0</b>	26
H	altitudine media per fascia altimetrica	12	125
$P_r$	pressione assoluta di riferimento	1,013250	1,013250
$P_b$	pressione barometrica	1,011809	0,998323
	$K_T =$	1,015282	

FASCIA ALTIMETRICA	<b>-1</b>		<b>0</b>	
$P_{mc}$ (mbar)	$K_p$	<b>C</b>	$K_p$	<b>C</b>
26,00	1,024238	1,039890	1,010929	1,026378
27,00	1,025225	1,040892	1,011915	1,027379
28,00	1,026212	1,041895	1,012902	1,028381
29,00	1,027199	1,042897	1,013889	1,029383
30,00	1,028186	1,043899	1,014876	1,030385
31,00	1,029173	1,044901	1,015863	1,031387
32,00	1,030160	1,045903	1,016850	1,032390
33,00	1,031147	1,046905	1,017837	1,033392
34,00	1,032133	1,047906	1,018824	1,034394
35,00	1,033120	1,048908	1,019811	1,035396
36,00	1,034107	1,049910	1,020798	1,036398
37,00	1,035094	1,050912	1,021785	1,037400
38,00	1,036081	1,051914	1,022772	1,038402
39,00	1,037068	1,052916	1,023759	1,039404
40,00	1,038055	1,053919	1,024745	1,040405
41,00	1,039042	1,054921	1,025732	1,041407
42,00	1,040029	1,055923	1,026719	1,042409
43,00	1,041016	1,056925	1,027706	1,043411
44,00	1,042003	1,057927	1,028693	1,044413
45,00	1,042990	1,058929	1,029680	1,045416
46,00	1,043977	1,059931	1,030667	1,046418

47,00	1,044963	1,060932	1,031654	1,047420
48,00	1,045950	1,061934	1,032641	1,048422
49,00	1,046937	1,062936	1,033628	1,049424
50,00	1,047924	1,063938	1,034615	1,050426
51,00	1,048911	1,064940	1,035602	1,051428
52,00	1,049898	1,065943	1,036589	1,052430
53,00	1,050885	1,066945	1,037575	1,053431
54,00	1,051872	1,067947	1,038562	1,054433
55,00	1,052859	1,068949	1,039549	1,055435
56,00	1,053846	1,069951	1,040536	1,056437
57,00	1,054833	1,070953	1,041523	1,057440
58,00	1,055820	1,071955	1,042510	1,058442
59,00	1,056807	1,072957	1,043497	1,059444
60,00	1,057793	1,073958	1,044484	1,060446
61,00	1,058780	1,074960	1,045471	1,061448
62,00	1,059767	1,075962	1,046458	1,062450
63,00	1,060754	1,076964	1,047445	1,063452
64,00	1,061741	1,077967	1,048432	1,064454
65,00	1,062728	1,078969	1,049419	1,065456
66,00	1,063715	1,079971	1,050405	1,066457
67,00	1,064702	1,080973	1,051392	1,067459
68,00	1,065689	1,081975	1,052379	1,068461
69,00	1,066676	1,082977	1,053366	1,069464
70,00	1,067663	1,083979	1,054353	1,070466
71,00	1,068650	1,084981	1,055340	1,071468
72,00	1,069637	1,085983	1,056327	1,072470
73,00	1,070623	1,086984	1,057314	1,073472
74,00	1,071610	1,087986	1,058301	1,074474
75,00	1,072597	1,088988	1,059288	1,075476
76,00	1,073584	1,089991	1,060275	1,076478
77,00	1,074571	1,090993	1,061262	1,077480
78,00	1,075558	1,091995	1,062249	1,078482
79,00	1,076545	1,092997	1,063235	1,079483
80,00	1,077532	1,093999	1,064222	1,080485
81,00	1,078519	1,095001	1,065209	1,081488
82,00	1,079506	1,096003	1,066196	1,082490
83,00	1,080493	1,097005	1,067183	1,083492
84,00	1,081480	1,098007	1,068170	1,084494
85,00	1,082467	1,099009	1,069157	1,085496
86,00	1,083453	1,100010	1,070144	1,086498
87,00	1,084440	1,101012	1,071131	1,087500
88,00	1,085427	1,102014	1,072118	1,088502
89,00	1,086414	1,103017	1,073105	1,089504
90,00	1,087401	1,104019	1,074092	1,090506
91,00	1,088388	1,105021	1,075079	1,091508
92,00	1,089375	1,106023	1,076065	1,092509
93,00	1,090362	1,107025	1,077052	1,093512
94,00	1,091349	1,108027	1,078039	1,094514
95,00	1,092336	1,109029	1,079026	1,095516
96,00	1,093323	1,110031	1,080013	1,096518

97,00	1,094310	1,111033	1,081000	1,097520
98,00	1,095297	1,112035	1,081987	1,098522
99,00	1,096283	1,113036	1,082974	1,099524
100,00	1,097270	1,114038	1,083961	1,100526
101,00	1,098257	1,115041	1,084948	1,101528
102,00	1,099244	1,116043	1,085935	1,102530
103,00	1,100231	1,117045	1,086922	1,103532
104,00	1,101218	1,118047	1,087909	1,104534
105,00	1,102205	1,119049	1,088895	1,105535
106,00	1,103192	1,120051	1,089882	1,106538
107,00	1,104179	1,121053	1,090869	1,107540
108,00	1,105166	1,122055	1,091856	1,108542
109,00	1,106153	1,123057	1,092843	1,109544
110,00	1,107140	1,124059	1,093830	1,110546
111,00	1,108127	1,125061	1,094817	1,111548
112,00	1,109113	1,126062	1,095804	1,112550
113,00	1,110100	1,127065	1,096791	1,113552
114,00	1,111087	1,128067	1,097778	1,114554
115,00	1,112074	1,129069	1,098765	1,115556
116,00	1,113061	1,130071	1,099752	1,116558
117,00	1,114048	1,131073	1,100739	1,117560
118,00	1,115035	1,132075	1,101725	1,118562
119,00	1,116022	1,133077	1,102712	1,119564
120,00	1,117009	1,134079	1,103699	1,120566
121,00	1,117996	1,135081	1,104686	1,121568
122,00	1,118983	1,136083	1,105673	1,122570
123,00	1,119970	1,137085	1,106660	1,123572
124,00	1,120957	1,138087	1,107647	1,124574
125,00	1,121943	1,139089	1,108634	1,125576
126,00	1,122930	1,140091	1,109621	1,126578
127,00	1,123917	1,141093	1,110608	1,127580
128,00	1,124904	1,142095	1,111595	1,128582
129,00	1,125891	1,143097	1,112582	1,129584
130,00	1,126878	1,144099	1,113569	1,130587
131,00	1,127865	1,145101	1,114555	1,131588
132,00	1,128852	1,146103	1,115542	1,132590
133,00	1,129839	1,147105	1,116529	1,133592
134,00	1,130826	1,148107	1,117516	1,134594
135,00	1,131813	1,149109	1,118503	1,135596
136,00	1,132800	1,150111	1,119490	1,136598
137,00	1,133787	1,151114	1,120477	1,137600
138,00	1,134773	1,152115	1,121464	1,138602
139,00	1,135760	1,153117	1,122451	1,139604
140,00	1,136747	1,154119	1,123438	1,140606
141,00	1,137734	1,155121	1,124425	1,141608
142,00	1,138721	1,156123	1,125412	1,142611
143,00	1,139708	1,157125	1,126399	1,143613
144,00	1,140695	1,158127	1,127385	1,144614
145,00	1,141682	1,159129	1,128372	1,145616
146,00	1,142669	1,160131	1,129359	1,146618

147,00	1,143656	1,161133	1,130346	1,147620
148,00	1,144643	1,162135	1,131333	1,148622
149,00	1,145630	1,163138	1,132320	1,149624
150,00	1,146617	1,164140	1,133307	1,150626
151,00	1,147604	1,165142	1,134294	1,151628
152,00	1,148590	1,166143	1,135281	1,152630
153,00	1,149577	1,167145	1,136268	1,153632
154,00	1,150564	1,168147	1,137255	1,154635
155,00	1,151551	1,169149	1,138242	1,155637
156,00	1,152538	1,170151	1,139229	1,156639
157,00	1,153525	1,171153	1,140215	1,157640
158,00	1,154512	1,172155	1,141202	1,158642
159,00	1,155499	1,173157	1,142189	1,159644
160,00	1,156486	1,174159	1,143176	1,160646
161,00	1,157473	1,175162	1,144163	1,161648
162,00	1,158460	1,176164	1,145150	1,162650
163,00	1,159447	1,177166	1,146137	1,163652
164,00	1,160434	1,178168	1,147124	1,164654
165,00	1,161420	1,179169	1,148111	1,165656
166,00	1,162407	1,180171	1,149098	1,166659
167,00	1,163394	1,181173	1,150085	1,167661
168,00	1,164381	1,182175	1,151072	1,168663
169,00	1,165368	1,183177	1,152059	1,169665
170,00	1,166355	1,184179	1,153045	1,170666
171,00	1,167342	1,185181	1,154032	1,171668
172,00	1,168329	1,186183	1,155019	1,172670
173,00	1,169316	1,187185	1,156006	1,173672
174,00	1,170303	1,188188	1,156993	1,174674
175,00	1,171290	1,189190	1,157980	1,175676
176,00	1,172277	1,190192	1,158967	1,176678
177,00	1,173264	1,191194	1,159954	1,177680
178,00	1,174250	1,192195	1,160941	1,178683
179,00	1,175237	1,193197	1,161928	1,179685
180,00	1,176224	1,194199	1,162915	1,180687
181,00	1,177211	1,195201	1,163902	1,181689
182,00	1,178198	1,196203	1,164889	1,182691
183,00	1,179185	1,197205	1,165875	1,183692
184,00	1,180172	1,198207	1,166862	1,184694
185,00	1,181159	1,199209	1,167849	1,185696
186,00	1,182146	1,200212	1,168836	1,186698
187,00	1,183133	1,201214	1,169823	1,187700
188,00	1,184120	1,202216	1,170810	1,188702
189,00	1,185107	1,203218	1,171797	1,189704
190,00	1,186094	1,204220	1,172784	1,190706
191,00	1,187080	1,205221	1,173771	1,191709
192,00	1,188067	1,206223	1,174758	1,192711
193,00	1,189054	1,207225	1,175745	1,193713
194,00	1,190041	1,208227	1,176732	1,194715
195,00	1,191028	1,209229	1,177719	1,195717
196,00	1,192015	1,210231	1,178705	1,196718

197,00	1,193002	1,211233	1,179692	1,197720
198,00	1,193989	1,212236	1,180679	1,198722
199,00	1,194976	1,213238	1,181666	1,199724
200,00	1,195963	1,214240	1,182653	1,200726
201,00	1,196950	1,215242	1,183640	1,201728
202,00	1,197937	1,216244	1,184627	1,202730
203,00	1,198924	1,217246	1,185614	1,203733
204,00	1,199910	1,218247	1,186601	1,204735
205,00	1,200897	1,219249	1,187588	1,205737
206,00	1,201884	1,220251	1,188575	1,206739
207,00	1,202871	1,221253	1,189562	1,207741
208,00	1,203858	1,222255	1,190549	1,208743
209,00	1,204845	1,223257	1,191535	1,209744
210,00	1,205832	1,224260	1,192522	1,210746
211,00	1,206819	1,225262	1,193509	1,211748
212,00	1,207806	1,226264	1,194496	1,212750
213,00	1,208793	1,227266	1,195483	1,213752
214,00	1,209780	1,228268	1,196470	1,214754
215,00	1,210767	1,229270	1,197457	1,215757
216,00	1,211754	1,230272	1,198444	1,216759
217,00	1,212740	1,231273	1,199431	1,217761
218,00	1,213727	1,232275	1,200418	1,218763
219,00	1,214714	1,233277	1,201405	1,219765
220,00	1,215701	1,234279	1,202392	1,220767
221,00	1,216688	1,235281	1,203379	1,221769
222,00	1,217675	1,236284	1,204365	1,222770
223,00	1,218662	1,237286	1,205352	1,223772
224,00	1,219649	1,238288	1,206339	1,224774
225,00	1,220636	1,239290	1,207326	1,225776
226,00	1,221623	1,240292	1,208313	1,226778
227,00	1,222610	1,241294	1,209300	1,227781
228,00	1,223597	1,242296	1,210287	1,228783
229,00	1,224584	1,243298	1,211274	1,229785
230,00	1,225570	1,244299	1,212261	1,230787
231,00	1,226557	1,245301	1,213248	1,231789
232,00	1,227544	1,246303	1,214235	1,232791
233,00	1,228531	1,247305	1,215222	1,233793
234,00	1,229518	1,248307	1,216209	1,234795
235,00	1,230505	1,249310	1,217195	1,235796
236,00	1,231492	1,250312	1,218182	1,236798
237,00	1,232479	1,251314	1,219169	1,237800
238,00	1,233466	1,252316	1,220156	1,238802
239,00	1,234453	1,253318	1,221143	1,239805
240,00	1,235440	1,254320	1,222130	1,240807
241,00	1,236427	1,255322	1,223117	1,241809
242,00	1,237414	1,256324	1,224104	1,242811
243,00	1,238400	1,257325	1,225091	1,243813
244,00	1,239387	1,258327	1,226078	1,244815
245,00	1,240374	1,259329	1,227065	1,245817
246,00	1,241361	1,260331	1,228052	1,246819

247,00	1,242348	1,261334	1,229039	1,247821
248,00	1,243335	1,262336	1,230025	1,248822
249,00	1,244322	1,263338	1,231012	1,249824
250,00	1,245309	1,264340	1,231999	1,250826
251,00	1,246296	1,265342	1,232986	1,251828
252,00	1,247283	1,266344	1,233973	1,252831
253,00	1,248270	1,267346	1,234960	1,253833
254,00	1,249257	1,268348	1,235947	1,254835
255,00	1,250244	1,269350	1,236934	1,255837
256,00	1,251230	1,270351	1,237921	1,256839
257,00	1,252217	1,271353	1,238908	1,257841
258,00	1,253204	1,272355	1,239895	1,258843
259,00	1,254191	1,273358	1,240882	1,259845
260,00	1,255178	1,274360	1,241869	1,260847
261,00	1,256165	1,275362	1,242855	1,261848
262,00	1,257152	1,276364	1,243842	1,262850
263,00	1,258139	1,277366	1,244829	1,263852
264,00	1,259126	1,278368	1,245816	1,264855
265,00	1,260113	1,279370	1,246803	1,265857
266,00	1,261100	1,280372	1,247790	1,266859
267,00	1,262087	1,281374	1,248777	1,267861
268,00	1,263074	1,282376	1,249764	1,268863
269,00	1,264060	1,283377	1,250751	1,269865
270,00	1,265047	1,284379	1,251738	1,270867
271,00	1,266034	1,285382	1,252725	1,271869
272,00	1,267021	1,286384	1,253712	1,272871
273,00	1,268008	1,287386	1,254699	1,273873
274,00	1,268995	1,288388	1,255686	1,274875
275,00	1,269982	1,289390	1,256672	1,275876
276,00	1,270969	1,290392	1,257659	1,276879
277,00	1,271956	1,291394	1,258646	1,277881
278,00	1,272943	1,292396	1,259633	1,278883
279,00	1,273930	1,293398	1,260620	1,279885
280,00	1,274917	1,294400	1,261607	1,280887
281,00	1,275904	1,295402	1,262594	1,281889
282,00	1,276890	1,296403	1,263581	1,282891
283,00	1,277877	1,297406	1,264568	1,283893
284,00	1,278864	1,298408	1,265555	1,284895
285,00	1,279851	1,299410	1,266542	1,285897
286,00	1,280838	1,300412	1,267529	1,286899
287,00	1,281825	1,301414	1,268516	1,287901
288,00	1,282812	1,302416	1,269502	1,288903
289,00	1,283799	1,303418	1,270489	1,289905
290,00	1,284786	1,304420	1,271476	1,290907
291,00	1,285773	1,305422	1,272463	1,291909
292,00	1,286760	1,306424	1,273450	1,292911
293,00	1,287747	1,307426	1,274437	1,293913
294,00	1,288734	1,308428	1,275424	1,294915
295,00	1,289720	1,309430	1,276411	1,295917
296,00	1,290707	1,310432	1,277398	1,296919

297,00	1,291694	1,311434	1,278385	1,297921
298,00	1,292681	1,312436	1,279372	1,298923
299,00	1,293668	1,313438	1,280359	1,299925
300,00	1,294655	1,314440	1,281346	1,300928
301,00	1,295642	1,315442	1,282332	1,301929
302,00	1,296629	1,316444	1,283319	1,302931
303,00	1,297616	1,317446	1,284306	1,303933
304,00	1,298603	1,318448	1,285293	1,304935
305,00	1,299590	1,319450	1,286280	1,305937
306,00	1,300577	1,320452	1,287267	1,306939
307,00	1,301564	1,321455	1,288254	1,307941
308,00	1,302550	1,322456	1,289241	1,308943
309,00	1,303537	1,323458	1,290228	1,309945
310,00	1,304524	1,324460	1,291215	1,310947
311,00	1,305511	1,325462	1,292202	1,311949
312,00	1,306498	1,326464	1,293189	1,312952
313,00	1,307485	1,327466	1,294176	1,313954
314,00	1,308472	1,328468	1,295162	1,314955
315,00	1,309459	1,329470	1,296149	1,315957
316,00	1,310446	1,330472	1,297136	1,316959
317,00	1,311433	1,331474	1,298123	1,317961
318,00	1,312420	1,332476	1,299110	1,318963
319,00	1,313407	1,333478	1,300097	1,319965
320,00	1,314394	1,334481	1,301084	1,320967
321,00	1,315380	1,335482	1,302071	1,321969
322,00	1,316367	1,336484	1,303058	1,322971
323,00	1,317354	1,337486	1,304045	1,323973
324,00	1,318341	1,338488	1,305032	1,324975
325,00	1,319328	1,339490	1,306019	1,325978
326,00	1,320315	1,340492	1,307006	1,326980
327,00	1,321302	1,341494	1,307992	1,327981
328,00	1,322289	1,342496	1,308979	1,328983
329,00	1,323276	1,343498	1,309966	1,329985
330,00	1,324263	1,344500	1,310953	1,330987
331,00	1,325250	1,345502	1,311940	1,331989
332,00	1,326237	1,346505	1,312927	1,332991
333,00	1,327224	1,347507	1,313914	1,333993
334,00	1,328210	1,348508	1,314901	1,334995
335,00	1,329197	1,349510	1,315888	1,335997
336,00	1,330184	1,350512	1,316875	1,336999
337,00	1,331171	1,351514	1,317862	1,338002
338,00	1,332158	1,352516	1,318849	1,339004
339,00	1,333145	1,353518	1,319836	1,340006
340,00	1,334132	1,354520	1,320822	1,341007
341,00	1,335119	1,355522	1,321809	1,342009
342,00	1,336106	1,356524	1,322796	1,343011
343,00	1,337093	1,357526	1,323783	1,344013
344,00	1,338080	1,358529	1,324770	1,345015
345,00	1,339067	1,359531	1,325757	1,346017
346,00	1,340054	1,360533	1,326744	1,347019

347,00	1,341040	1,361534	1,327731	1,348021
348,00	1,342027	1,362536	1,328718	1,349023
349,00	1,343014	1,363538	1,329705	1,350026
350,00	1,344001	1,364540	1,330692	1,351028
351,00	1,344988	1,365542	1,331679	1,352030
352,00	1,345975	1,366544	1,332666	1,353032
353,00	1,346962	1,367546	1,333652	1,354033
354,00	1,347949	1,368548	1,334639	1,355035
355,00	1,348936	1,369550	1,335626	1,356037
356,00	1,349923	1,370553	1,336613	1,357039
357,00	1,350910	1,371555	1,337600	1,358041
358,00	1,351897	1,372557	1,338587	1,359043
359,00	1,352884	1,373559	1,339574	1,360045
360,00	1,353870	1,374560	1,340561	1,361047
361,00	1,354857	1,375562	1,341548	1,362050
362,00	1,355844	1,376564	1,342535	1,363052
363,00	1,356831	1,377566	1,343522	1,364054
364,00	1,357818	1,378568	1,344509	1,365056
365,00	1,358805	1,379570	1,345496	1,366058
366,00	1,359792	1,380572	1,346482	1,367059
367,00	1,360779	1,381574	1,347469	1,368061
368,00	1,361766	1,382577	1,348456	1,369063
369,00	1,362753	1,383579	1,349443	1,370065
370,00	1,363740	1,384581	1,350430	1,371067
371,00	1,364727	1,385583	1,351417	1,372069
372,00	1,365714	1,386585	1,352404	1,373071
373,00	1,366700	1,387586	1,353391	1,374074
374,00	1,367687	1,388588	1,354378	1,375076
375,00	1,368674	1,389590	1,355365	1,376078
376,00	1,369661	1,390592	1,356352	1,377080
377,00	1,370648	1,391594	1,357339	1,378082
378,00	1,371635	1,392596	1,358326	1,379084
379,00	1,372622	1,393598	1,359312	1,380085
380,00	1,373609	1,394600	1,360299	1,381087
381,00	1,374596	1,395603	1,361286	1,382089
382,00	1,375583	1,396605	1,362273	1,383091
383,00	1,376570	1,397607	1,363260	1,384093
384,00	1,377557	1,398609	1,364247	1,385095
385,00	1,378544	1,399611	1,365234	1,386098
386,00	1,379530	1,400612	1,366221	1,387100
387,00	1,380517	1,401614	1,367208	1,388102
388,00	1,381504	1,402616	1,368195	1,389104
389,00	1,382491	1,403618	1,369182	1,390106
390,00	1,383478	1,404620	1,370169	1,391108
391,00	1,384465	1,405622	1,371156	1,392110
392,00	1,385452	1,406624	1,372142	1,393111
393,00	1,386439	1,407627	1,373129	1,394113
394,00	1,387426	1,408629	1,374116	1,395115
395,00	1,388413	1,409631	1,375103	1,396117
396,00	1,389400	1,410633	1,376090	1,397119



397,00	1,390387	1,411635	1,377077	1,398121
398,00	1,391374	1,412637	1,378064	1,399124
399,00	1,392360	1,413638	1,379051	1,400126
400,00	1,393347	1,414640	1,380038	1,401128
401,00	1,394334	1,415642	1,381025	1,402130
402,00	1,395321	1,416644	1,382012	1,403132
403,00	1,396308	1,417646	1,382999	1,404134
404,00	1,397295	1,418648	1,383986	1,405136
405,00	1,398282	1,419651	1,384972	1,406137
406,00	1,399269	1,420653	1,385959	1,407139
407,00	1,400256	1,421655	1,386946	1,408141
408,00	1,401243	1,422657	1,387933	1,409143
409,00	1,402230	1,423659	1,388920	1,410145
410,00	1,403217	1,424661	1,389907	1,411148
411,00	1,404204	1,425663	1,390894	1,412150
412,00	1,405190	1,426664	1,391881	1,413152
413,00	1,406177	1,427666	1,392868	1,414154
414,00	1,407164	1,428668	1,393855	1,415156
415,00	1,408151	1,429670	1,394842	1,416158
416,00	1,409138	1,430672	1,395829	1,417160
417,00	1,410125	1,431675	1,396816	1,418162
418,00	1,411112	1,432677	1,397802	1,419163
419,00	1,412099	1,433679	1,398789	1,420165
420,00	1,413086	1,434681	1,399776	1,421167
421,00	1,414073	1,435683	1,400763	1,422169
422,00	1,415060	1,436685	1,401750	1,423172
423,00	1,416047	1,437687	1,402737	1,424174
424,00	1,417034	1,438689	1,403724	1,425176
425,00	1,418020	1,439690	1,404711	1,426178
426,00	1,419007	1,440692	1,405698	1,427180
427,00	1,419994	1,441694	1,406685	1,428182
428,00	1,420981	1,442696	1,407672	1,429184
429,00	1,421968	1,443699	1,408659	1,430186
430,00	1,422955	1,444701	1,409646	1,431188
431,00	1,423942	1,445703	1,410632	1,432189
432,00	1,424929	1,446705	1,411619	1,433191
433,00	1,425916	1,447707	1,412606	1,434193
434,00	1,426903	1,448709	1,413593	1,435196
435,00	1,427890	1,449711	1,414580	1,436198
436,00	1,428877	1,450713	1,415567	1,437200
437,00	1,429864	1,451715	1,416554	1,438202
438,00	1,430850	1,452716	1,417541	1,439204
439,00	1,431837	1,453718	1,418528	1,440206
440,00	1,432824	1,454720	1,419515	1,441208
441,00	1,433811	1,455722	1,420502	1,442210
442,00	1,434798	1,456725	1,421489	1,443212
443,00	1,435785	1,457727	1,422476	1,444214
444,00	1,436772	1,458729	1,423462	1,445215
445,00	1,437759	1,459731	1,424449	1,446217
446,00	1,438746	1,460733	1,425436	1,447220

447,00	1,439733	1,461735	1,426423	1,448222
448,00	1,440720	1,462737	1,427410	1,449224
449,00	1,441707	1,463739	1,428397	1,450226
450,00	1,442694	1,464741	1,429384	1,451228
451,00	1,443680	1,465742	1,430371	1,452230
452,00	1,444667	1,466744	1,431358	1,453232
453,00	1,445654	1,467746	1,432345	1,454234
454,00	1,446641	1,468749	1,433332	1,455236
455,00	1,447628	1,469751	1,434319	1,456238
456,00	1,448615	1,470753	1,435306	1,457240
457,00	1,449602	1,471755	1,436292	1,458241
458,00	1,450589	1,472757	1,437279	1,459243
459,00	1,451576	1,473759	1,438266	1,460246
460,00	1,452563	1,474761	1,439253	1,461248
461,00	1,453550	1,475763	1,440240	1,462250
462,00	1,454537	1,476765	1,441227	1,463252
463,00	1,455524	1,477767	1,442214	1,464254
464,00	1,456510	1,478768	1,443201	1,465256
465,00	1,457497	1,479770	1,444188	1,466258
466,00	1,458484	1,480773	1,445175	1,467260
467,00	1,459471	1,481775	1,446162	1,468262
468,00	1,460458	1,482777	1,447149	1,469264
469,00	1,461445	1,483779	1,448136	1,470266
470,00	1,462432	1,484781	1,449122	1,471267
471,00	1,463419	1,485783	1,450109	1,472270
472,00	1,464406	1,486785	1,451096	1,473272
473,00	1,465393	1,487787	1,452083	1,474274
474,00	1,466380	1,488789	1,453070	1,475276
475,00	1,467367	1,489791	1,454057	1,476278
476,00	1,468354	1,490793	1,455044	1,477280
477,00	1,469340	1,491794	1,456031	1,478282
478,00	1,470327	1,492797	1,457018	1,479284
479,00	1,471314	1,493799	1,458005	1,480286
480,00	1,472301	1,494801	1,458992	1,481288
481,00	1,473288	1,495803	1,459979	1,482290
482,00	1,474275	1,496805	1,460966	1,483292
483,00	1,475262	1,497807	1,461952	1,484294
484,00	1,476249	1,498809	1,462939	1,485296
485,00	1,477236	1,499811	1,463926	1,486298
486,00	1,478223	1,500813	1,464913	1,487300
487,00	1,479210	1,501815	1,465900	1,488302
488,00	1,480197	1,502817	1,466887	1,489304
489,00	1,481184	1,503819	1,467874	1,490306
490,00	1,482170	1,504821	1,468861	1,491308
491,00	1,483157	1,505823	1,469848	1,492310
492,00	1,484144	1,506825	1,470835	1,493312
493,00	1,485131	1,507827	1,471822	1,494314
494,00	1,486118	1,508829	1,472809	1,495316
495,00	1,487105	1,509831	1,473796	1,496319
496,00	1,488092	1,510833	1,474782	1,497320

497,00	1,489079	1,511835	1,475769	1,498322
498,00	1,490066	1,512837	1,476756	1,499324
499,00	1,491053	1,513839	1,477743	1,500326
500,00	1,492040	1,514841	1,478730	1,501328
510,00	1,501909	1,524861	1,488599	1,511348
520,00	1,511778	1,534881	1,498469	1,521369
530,00	1,521647	1,544901	1,508338	1,531388
540,00	1,531517	1,554922	1,518207	1,541408
550,00	1,541386	1,564941	1,528076	1,551428
560,00	1,551255	1,574961	1,537946	1,561449
570,00	1,561124	1,584981	1,547815	1,571469
580,00	1,570994	1,595002	1,557684	1,581489
590,00	1,580863	1,605022	1,567553	1,591508
600,00	1,590732	1,615042	1,577422	1,601528
610,00	1,600601	1,625061	1,587292	1,611549
620,00	1,610471	1,635082	1,597161	1,621569
630,00	1,620340	1,645102	1,607030	1,631589
640,00	1,630209	1,655122	1,616899	1,641608
650,00	1,640078	1,665142	1,626769	1,651629
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670,00	1,659817	1,685182	1,646507	1,671669
680,00	1,669686	1,695202	1,656376	1,681689
690,00	1,679555	1,705222	1,666246	1,691710
700,00	1,689424	1,715242	1,676115	1,701729
710,00	1,699294	1,725263	1,685984	1,711749
720,00	1,709163	1,735282	1,695853	1,721769
730,00	1,719032	1,745302	1,705723	1,731790
740,00	1,728901	1,755322	1,715592	1,741810
750,00	1,738771	1,765343	1,725461	1,751829
760,00	1,748640	1,775363	1,735330	1,761849
770,00	1,758509	1,785383	1,745199	1,771869
780,00	1,768378	1,795402	1,755069	1,781890
790,00	1,778247	1,805422	1,764938	1,791910
800,00	1,788117	1,815443	1,774807	1,801930
810,00	1,797986	1,825463	1,784676	1,811949
820,00	1,807855	1,835483	1,794546	1,821970
830,00	1,817724	1,845502	1,804415	1,831990
840,00	1,827594	1,855523	1,814284	1,842010
850,00	1,837463	1,865543	1,824153	1,852030
860,00	1,847332	1,875563	1,834023	1,862051
870,00	1,857201	1,885583	1,843892	1,872070
880,00	1,867071	1,895604	1,853761	1,882090
890,00	1,876940	1,905623	1,863630	1,892110
900,00	1,886809	1,915643	1,873499	1,902130
910,00	1,896678	1,925663	1,883369	1,912151
920,00	1,906547	1,935683	1,893238	1,922170
930,00	1,916417	1,945704	1,903107	1,932190
940,00	1,926286	1,955724	1,912976	1,942210
950,00	1,936155	1,965743	1,922846	1,952231
960,00	1,946024	1,975763	1,932715	1,962251

970,00	1,955894	1,985784	1,942584	1,972271
980,00	1,965763	1,995804	1,952453	1,982290
990,00	1,975632	2,005824	1,962323	1,992311
1.000,00	1,985501	2,015843	1,972192	2,002331
1.010,00	1,995371	2,025864	1,982061	2,012351
1.020,00	2,005240	2,035884	1,991930	2,022371
1.030,00	2,015109	2,045904	2,001799	2,032390
1.040,00	2,024978	2,055924	2,011669	2,042411
1.050,00	2,034848	2,065945	2,021538	2,052431
1.060,00	2,044717	2,075964	2,031407	2,062451
1.070,00	2,054586	2,085984	2,041276	2,072471
1.080,00	2,064455	2,096004	2,051146	2,082492
1.090,00	2,074324	2,106024	2,061015	2,092511
1.100,00	2,084194	2,116045	2,070884	2,102531
1.110,00	2,094063	2,126064	2,080753	2,112551
1.120,00	2,103932	2,136084	2,090623	2,122572
1.130,00	2,113801	2,146104	2,100492	2,132592
1.140,00	2,123671	2,156125	2,110361	2,142612
1.150,00	2,133540	2,166145	2,120230	2,152631
1.160,00	2,143409	2,176165	2,130100	2,162652
1.170,00	2,153278	2,186184	2,139969	2,172672
1.180,00	2,163148	2,196205	2,149838	2,182692
1.190,00	2,173017	2,206225	2,159707	2,192712
1.200,00	2,182886	2,216245	2,169576	2,202731
1.210,00	2,192755	2,226265	2,179446	2,212752
1.220,00	2,202624	2,236284	2,189315	2,222772
1.230,00	2,212494	2,246305	2,199184	2,232792
1.240,00	2,222363	2,256325	2,209053	2,242812
1.250,00	2,232232	2,266345	2,218923	2,252833
1.260,00	2,242101	2,276365	2,228792	2,262852
1.270,00	2,251971	2,286386	2,238661	2,272872
1.280,00	2,261840	2,296405	2,248530	2,282892
1.290,00	2,271709	2,306425	2,258400	2,292913
1.300,00	2,281578	2,316445	2,268269	2,302933
1.310,00	2,291448	2,326466	2,278138	2,312953
1.320,00	2,301317	2,336486	2,288007	2,322972
1.330,00	2,311186	2,346506	2,297876	2,332992
1.340,00	2,321055	2,356525	2,307746	2,343013
1.350,00	2,330924	2,366545	2,317615	2,353033
1.360,00	2,340794	2,376566	2,327484	2,363053
1.370,00	2,350663	2,386586	2,337353	2,373072
1.380,00	2,360532	2,396606	2,347223	2,383093
1.390,00	2,370401	2,406625	2,357092	2,393113
1.400,00	2,380271	2,416646	2,366961	2,403133
1.410,00	2,390140	2,426666	2,376830	2,413153
1.420,00	2,400009	2,436686	2,386700	2,423174
1.430,00	2,409878	2,446706	2,396569	2,433193
1.440,00	2,419748	2,456727	2,406438	2,443213
1.450,00	2,429617	2,466746	2,416307	2,453233
1.460,00	2,439486	2,476766	2,426176	2,463253

1.470,00	2,449355	2,486786	2,436046	2,473274
1.480,00	2,459225	2,496807	2,445915	2,483293
1.490,00	2,469094	2,506827	2,455784	2,493313
1.500,00	2,478963	2,516847	2,465653	2,503333
1.510,00	2,488832	2,526866	2,475523	2,513354
1.520,00	2,498701	2,536886	2,485392	2,523374
1.530,00	2,508571	2,546907	2,495261	2,533394
1.540,00	2,518440	2,556927	2,505130	2,543413
1.550,00	2,528309	2,566947	2,515000	2,553434
1.560,00	2,538178	2,576966	2,524869	2,563454
1.570,00	2,548048	2,586987	2,534738	2,573474
1.580,00	2,557917	2,597007	2,544607	2,583494
1.590,00	2,567786	2,607027	2,554477	2,593515
1.600,00	2,577655	2,617047	2,564346	2,603534
1.610,00	2,587525	2,627068	2,574215	2,613554
1.620,00	2,597394	2,637087	2,584084	2,623574
1.630,00	2,607263	2,647107	2,593953	2,633594
1.640,00	2,617132	2,657127	2,603823	2,643615
1.650,00	2,627001	2,667147	2,613692	2,653634
1.660,00	2,636871	2,677168	2,623561	2,663654
1.670,00	2,646740	2,687187	2,633430	2,673674
1.680,00	2,656609	2,697207	2,643300	2,683695
1.690,00	2,666478	2,707227	2,653169	2,693715
1.700,00	2,676348	2,717248	2,663038	2,703735
1.710,00	2,686217	2,727268	2,672907	2,713754
1.720,00	2,696086	2,737288	2,682777	2,723775
1.730,00	2,705955	2,747307	2,692646	2,733795
1.740,00	2,715825	2,757328	2,702515	2,743815
1.750,00	2,725694	2,767348	2,712384	2,753835
1.760,00	2,735563	2,777368	2,722253	2,763854
1.770,00	2,745432	2,787388	2,732123	2,773875
1.780,00	2,755302	2,797409	2,741992	2,783895
1.790,00	2,765171	2,807428	2,751861	2,793915
1.800,00	2,775040	2,817448	2,761730	2,803935
1.810,00	2,784909	2,827468	2,771600	2,813956
1.820,00	2,794778	2,837488	2,781469	2,823975
1.830,00	2,804648	2,847509	2,791338	2,833995
1.840,00	2,814517	2,857528	2,801207	2,844015
1.850,00	2,824386	2,867548	2,811077	2,854036
1.860,00	2,834255	2,877568	2,820946	2,864056
1.870,00	2,844125	2,887589	2,830815	2,874076
1.880,00	2,853994	2,897609	2,840684	2,884095
1.890,00	2,863863	2,907629	2,850553	2,894115
1.900,00	2,873732	2,917648	2,860423	2,904136
1.910,00	2,883602	2,927669	2,870292	2,914156
1.920,00	2,893471	2,937689	2,880161	2,924176
1.930,00	2,903340	2,947709	2,890030	2,934195
1.940,00	2,913209	2,957729	2,899900	2,944216
1.950,00	2,923078	2,967748	2,909769	2,954236
1.960,00	2,932948	2,977769	2,919638	2,964256

1.970,00	2,942817	2,987789	2,929507	2,974276
1.980,00	2,952686	2,997809	2,939377	2,984297
1.990,00	2,962555	3,007829	2,949246	2,994316
2.000,00	2,972425	3,017850	2,959115	3,004336
2.010,00	2,982294	3,027869	2,968984	3,014356
2.020,00	2,992163	3,037889	2,978854	3,024377
2.030,00	3,002032	3,047909	2,988723	3,034397
2.040,00	3,011902	3,057930	2,998592	3,044416
2.050,00	3,021771	3,067950	3,008461	3,054436
2.060,00	3,031640	3,077970	3,018330	3,064456
2.070,00	3,041509	3,087989	3,028200	3,074477
2.080,00	3,051378	3,098009	3,038069	3,084497
2.090,00	3,061248	3,108030	3,047938	3,094517
2.100,00	3,071117	3,118050	3,057807	3,104536
2.110,00	3,080986	3,128070	3,067677	3,114557
2.120,00	3,090855	3,138089	3,077546	3,124577
2.130,00	3,100725	3,148110	3,087415	3,134597
2.140,00	3,110594	3,158130	3,097284	3,144617
2.150,00	3,120463	3,168150	3,107154	3,154638
2.160,00	3,130332	3,178170	3,117023	3,164657
2.170,00	3,140202	3,188191	3,126892	3,174677
2.180,00	3,150071	3,198210	3,136761	3,184697
2.190,00	3,159940	3,208230	3,146630	3,194717
2.200,00	3,169809	3,218250	3,156500	3,204738
2.210,00	3,179679	3,228271	3,166369	3,214757
2.220,00	3,189548	3,238291	3,176238	3,224777
2.230,00	3,199417	3,248310	3,186107	3,234797
2.240,00	3,209286	3,258330	3,195977	3,244818
2.250,00	3,219155	3,268350	3,205846	3,254838
2.260,00	3,229025	3,278371	3,215715	3,264858
2.270,00	3,238894	3,288391	3,225584	3,274877
2.280,00	3,248763	3,298411	3,235454	3,284898
2.290,00	3,258632	3,308430	3,245323	3,294918
2.300,00	3,268502	3,318451	3,255192	3,304938
2.310,00	3,278371	3,328471	3,265061	3,314958
2.320,00	3,288240	3,338491	3,274931	3,324978
2.330,00	3,298109	3,348511	3,284800	3,334998
2.340,00	3,307979	3,358532	3,294669	3,345018
2.350,00	3,317848	3,368551	3,304538	3,355038
2.360,00	3,327717	3,378571	3,314407	3,365058
2.370,00	3,337586	3,388591	3,324277	3,375079
2.380,00	3,347455	3,398611	3,334146	3,385098
2.390,00	3,357325	3,408632	3,344015	3,395118
2.400,00	3,367194	3,418651	3,353884	3,405138
2.410,00	3,377063	3,428671	3,363754	3,415159
2.420,00	3,386932	3,438691	3,373623	3,425179
2.430,00	3,396802	3,448712	3,383492	3,435199
2.440,00	3,406671	3,458732	3,393361	3,445218
2.450,00	3,416540	3,468752	3,403231	3,455239
2.460,00	3,426409	3,478771	3,413100	3,465259

2.470,00	3,436279	3,488792	3,422969	3,475279
2.480,00	3,446148	3,498812	3,432838	3,485299
2.490,00	3,456017	3,508832	3,442707	3,495318
2.500,00	3,465886	3,518852	3,452577	3,505339
2.510,00	3,475755	3,528871	3,462446	3,515359
2.520,00	3,485625	3,538892	3,472315	3,525379
2.530,00	3,495494	3,548912	3,482184	3,535399
2.540,00	3,505363	3,558932	3,492054	3,545420
2.550,00	3,515232	3,568952	3,501923	3,555439
2.560,00	3,525102	3,578973	3,511792	3,565459
2.570,00	3,534971	3,588992	3,521661	3,575479
2.580,00	3,544840	3,599012	3,531531	3,585500
2.590,00	3,554709	3,609032	3,541400	3,595520
2.600,00	3,564579	3,619053	3,551269	3,605539
2.610,00	3,574448	3,629073	3,561138	3,615559
2.620,00	3,584317	3,639093	3,571007	3,625579
2.630,00	3,594186	3,649112	3,580877	3,635600
2.640,00	3,604056	3,659133	3,590746	3,645620
2.650,00	3,613925	3,669153	3,600615	3,655640
2.660,00	3,623794	3,679173	3,610484	3,665659
2.670,00	3,633663	3,689193	3,620354	3,675680
2.680,00	3,643532	3,699212	3,630223	3,685700
2.690,00	3,653402	3,709233	3,640092	3,695720
2.700,00	3,663271	3,719253	3,649961	3,705740
2.710,00	3,673140	3,729273	3,659831	3,715761
2.720,00	3,683009	3,739293	3,669700	3,725780
2.730,00	3,692879	3,749314	3,679569	3,735800
2.740,00	3,702748	3,759333	3,689438	3,745820
2.750,00	3,712617	3,769353	3,699308	3,755841
2.760,00	3,722486	3,779373	3,709177	3,765861
2.770,00	3,732356	3,789394	3,719046	3,775880
2.780,00	3,742225	3,799414	3,728915	3,785900
2.790,00	3,752094	3,809434	3,738784	3,795920
2.800,00	3,761963	3,819453	3,748654	3,805941
2.810,00	3,771832	3,829473	3,758523	3,815961
2.820,00	3,781702	3,839494	3,768392	3,825981
2.830,00	3,791571	3,849514	3,778261	3,836000
2.840,00	3,801440	3,859534	3,788131	3,846021
2.850,00	3,811309	3,869553	3,798000	3,856041
2.860,00	3,821179	3,879574	3,807869	3,866061
2.870,00	3,831048	3,889594	3,817738	3,876081
2.880,00	3,840917	3,899614	3,827608	3,886102
2.890,00	3,850786	3,909634	3,837477	3,896121
2.900,00	3,860656	3,919655	3,847346	3,906141
2.910,00	3,870525	3,929674	3,857215	3,916161
2.920,00	3,880394	3,939694	3,867084	3,926181
2.930,00	3,890263	3,949714	3,876954	3,936202
2.940,00	3,900132	3,959734	3,886823	3,946221
2.950,00	3,910002	3,969755	3,896692	3,956241
2.960,00	3,919871	3,979774	3,906561	3,966261

2.970,00	3,929740	3,989794	3,916431	3,976282
2.980,00	3,939609	3,999814	3,926300	3,986302
2.990,00	3,949479	4,009835	3,936169	3,996322
3.000,00	3,959348	4,019855	3,946038	4,006341
3.010,00	3,969217	4,029875	3,955908	4,016362
3.020,00	3,979086	4,039894	3,965777	4,026382
3.030,00	3,988956	4,049915	3,975646	4,036402
3.040,00	3,998825	4,059935	3,985515	4,046422
3.050,00	4,008694	4,069955	3,995384	4,056441
3.060,00	4,018563	4,079975	4,005254	4,066462
3.070,00	4,028433	4,089996	4,015123	4,076482
3.080,00	4,038302	4,100015	4,024992	4,086502
3.090,00	4,048171	4,110035	4,034861	4,096522
3.100,00	4,058040	4,120055	4,044731	4,106543
3.110,00	4,067909	4,130075	4,054600	4,116562
3.120,00	4,077779	4,140096	4,064469	4,126582
3.130,00	4,087648	4,150115	4,074338	4,136602
3.140,00	4,097517	4,160135	4,084208	4,146623
3.150,00	4,107386	4,170155	4,094077	4,156643
3.160,00	4,117256	4,180176	4,103946	4,166663
3.170,00	4,127125	4,190196	4,113815	4,176682
3.180,00	4,136994	4,200216	4,123685	4,186703
3.190,00	4,146863	4,210235	4,133554	4,196723
3.200,00	4,156733	4,220256	4,143423	4,206743
3.210,00	4,166602	4,230276	4,153292	4,216763
3.220,00	4,176471	4,240296	4,163161	4,226782
3.230,00	4,186340	4,250316	4,173031	4,236803
3.240,00	4,196209	4,260335	4,182900	4,246823
3.250,00	4,206079	4,270356	4,192769	4,256843
3.260,00	4,215948	4,280376	4,202638	4,266863
3.270,00	4,225817	4,290396	4,212508	4,276884
3.280,00	4,235686	4,300416	4,222377	4,286903
3.290,00	4,245556	4,310437	4,232246	4,296923
3.300,00	4,255425	4,320456	4,242115	4,306943
3.310,00	4,265294	4,330476	4,251985	4,316964
3.320,00	4,275163	4,340496	4,261854	4,326984
3.330,00	4,285033	4,350517	4,271723	4,337003
3.340,00	4,294902	4,360537	4,281592	4,347023
3.350,00	4,304771	4,370557	4,291461	4,357043
3.360,00	4,314640	4,380576	4,301331	4,367064
3.370,00	4,324509	4,390596	4,311200	4,377084
3.380,00	4,334379	4,400617	4,321069	4,387104
3.390,00	4,344248	4,410637	4,330938	4,397123
3.400,00	4,354117	4,420657	4,340808	4,407144
3.410,00	4,363986	4,430676	4,350677	4,417164
3.420,00	4,373856	4,440697	4,360546	4,427184
3.430,00	4,383725	4,450717	4,370415	4,437204
3.440,00	4,393594	4,460737	4,380285	4,447225
3.450,00	4,403463	4,470757	4,390154	4,457244
3.460,00	4,413333	4,480778	4,400023	4,467264



3.470,00	4,423202	4,490797	4,409892	4,477284
3.480,00	4,433071	4,500817	4,419761	4,487304
3.490,00	4,442940	4,510837	4,429631	4,497325
3.500,00	4,452810	4,520858	4,439500	4,507344