

Comune di **MONSANO**

INDICE

H altitudine casa comunale **191** m min. 37 max 220
 GG numero gradi giorno della località 1996 (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 0,990514 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

$K_p = 0,997300$ $K_T = 1,017745$

$C = K_p * K_T = 1,014997$

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

	limiti fascia altimetrica	37+91	92+220
n	fascia altimetrica superiore	-1	0
Fa_n^{sup}	estremo superiore fascia altimetrica	91	291
Fa_n^{inf}	estremo inferiore fascia altimetrica	0	92
H	altitudine media per fascia altimetrica	45	191
P_r	pressione assoluta di riferimento	1,013250	1,013250
P_b	pressione barometrica	1,007856	0,990514
	$K_T =$	1,017745	

FASCIA ALTIMETRICA	-1		0	
	K_p	C	K_p	C
26,00	1,020336	1,038442	1,003222	1,021024
27,00	1,021323	1,039446	1,004208	1,022028
28,00	1,022310	1,040451	1,005195	1,023032
29,00	1,023297	1,041455	1,006182	1,024037
30,00	1,024284	1,042460	1,007169	1,025041
31,00	1,025271	1,043464	1,008156	1,026046
32,00	1,026258	1,044469	1,009143	1,027050
33,00	1,027245	1,045473	1,010130	1,028055
34,00	1,028232	1,046478	1,011117	1,029059
35,00	1,029219	1,047482	1,012104	1,030064
36,00	1,030206	1,048487	1,013091	1,031068
37,00	1,031192	1,049491	1,014078	1,032073
38,00	1,032179	1,050495	1,015065	1,033077
39,00	1,033166	1,051500	1,016052	1,034082
40,00	1,034153	1,052504	1,017038	1,035085
41,00	1,035140	1,053509	1,018025	1,036090
42,00	1,036127	1,054513	1,019012	1,037094
43,00	1,037114	1,055518	1,019999	1,038099
44,00	1,038101	1,056522	1,020986	1,039103
45,00	1,039088	1,057527	1,021973	1,040108
46,00	1,040075	1,058531	1,022960	1,041112

47,00	1,041062	1,059536	1,023947	1,042117
48,00	1,042049	1,060540	1,024934	1,043121
49,00	1,043036	1,061545	1,025921	1,044126
50,00	1,044022	1,062548	1,026908	1,045130
51,00	1,045009	1,063553	1,027895	1,046135
52,00	1,045996	1,064557	1,028882	1,047140
53,00	1,046983	1,065562	1,029868	1,048143
54,00	1,047970	1,066566	1,030855	1,049148
55,00	1,048957	1,067571	1,031842	1,050152
56,00	1,049944	1,068575	1,032829	1,051157
57,00	1,050931	1,069580	1,033816	1,052161
58,00	1,051918	1,070584	1,034803	1,053166
59,00	1,052905	1,071589	1,035790	1,054170
60,00	1,053892	1,072593	1,036777	1,055175
61,00	1,054879	1,073598	1,037764	1,056179
62,00	1,055866	1,074602	1,038751	1,057184
63,00	1,056852	1,075606	1,039738	1,058188
64,00	1,057839	1,076610	1,040725	1,059193
65,00	1,058826	1,077615	1,041712	1,060197
66,00	1,059813	1,078619	1,042698	1,061201
67,00	1,060800	1,079624	1,043685	1,062205
68,00	1,061787	1,080628	1,044672	1,063210
69,00	1,062774	1,081633	1,045659	1,064214
70,00	1,063761	1,082637	1,046646	1,065219
71,00	1,064748	1,083642	1,047633	1,066223
72,00	1,065735	1,084646	1,048620	1,067228
73,00	1,066722	1,085651	1,049607	1,068232
74,00	1,067709	1,086655	1,050594	1,069237
75,00	1,068696	1,087660	1,051581	1,070241
76,00	1,069682	1,088664	1,052568	1,071246
77,00	1,070669	1,089668	1,053555	1,072250
78,00	1,071656	1,090673	1,054542	1,073255
79,00	1,072643	1,091677	1,055528	1,074258
80,00	1,073630	1,092682	1,056515	1,075263
81,00	1,074617	1,093686	1,057502	1,076267
82,00	1,075604	1,094691	1,058489	1,077272
83,00	1,076591	1,095695	1,059476	1,078276
84,00	1,077578	1,096700	1,060463	1,079281
85,00	1,078565	1,097704	1,061450	1,080285
86,00	1,079552	1,098709	1,062437	1,081290
87,00	1,080539	1,099713	1,063424	1,082294
88,00	1,081526	1,100718	1,064411	1,083299
89,00	1,082512	1,101721	1,065398	1,084303
90,00	1,083499	1,102726	1,066385	1,085308
91,00	1,084486	1,103730	1,067372	1,086313
92,00	1,085473	1,104735	1,068358	1,087316
93,00	1,086460	1,105739	1,069345	1,088321
94,00	1,087447	1,106744	1,070332	1,089325
95,00	1,088434	1,107748	1,071319	1,090330
96,00	1,089421	1,108753	1,072306	1,091334

97,00	1,090408	1,109757	1,073293	1,092339
98,00	1,091395	1,110762	1,074280	1,093343
99,00	1,092382	1,111766	1,075267	1,094348
100,00	1,093369	1,112771	1,076254	1,095352
101,00	1,094356	1,113775	1,077241	1,096357
102,00	1,095342	1,114779	1,078228	1,097361
103,00	1,096329	1,115783	1,079215	1,098366
104,00	1,097316	1,116788	1,080202	1,099370
105,00	1,098303	1,117792	1,081188	1,100374
106,00	1,099290	1,118797	1,082175	1,101378
107,00	1,100277	1,119801	1,083162	1,102383
108,00	1,101264	1,120806	1,084149	1,103387
109,00	1,102251	1,121810	1,085136	1,104392
110,00	1,103238	1,122815	1,086123	1,105396
111,00	1,104225	1,123819	1,087110	1,106401
112,00	1,105212	1,124824	1,088097	1,107405
113,00	1,106199	1,125829	1,089084	1,108410
114,00	1,107186	1,126833	1,090071	1,109414
115,00	1,108172	1,127837	1,091058	1,110419
116,00	1,109159	1,128841	1,092045	1,111423
117,00	1,110146	1,129846	1,093032	1,112428
118,00	1,111133	1,130850	1,094018	1,113431
119,00	1,112120	1,131855	1,095005	1,114436
120,00	1,113107	1,132859	1,095992	1,115440
121,00	1,114094	1,133864	1,096979	1,116445
122,00	1,115081	1,134868	1,097966	1,117449
123,00	1,116068	1,135873	1,098953	1,118454
124,00	1,117055	1,136877	1,099940	1,119458
125,00	1,118042	1,137882	1,100927	1,120463
126,00	1,119029	1,138886	1,101914	1,121467
127,00	1,120016	1,139891	1,102901	1,122472
128,00	1,121002	1,140894	1,103888	1,123476
129,00	1,121989	1,141899	1,104875	1,124481
130,00	1,122976	1,142903	1,105862	1,125486
131,00	1,123963	1,143908	1,106848	1,126489
132,00	1,124950	1,144912	1,107835	1,127494
133,00	1,125937	1,145917	1,108822	1,128498
134,00	1,126924	1,146921	1,109809	1,129503
135,00	1,127911	1,147926	1,110796	1,130507
136,00	1,128898	1,148930	1,111783	1,131512
137,00	1,129885	1,149935	1,112770	1,132516
138,00	1,130872	1,150939	1,113757	1,133521
139,00	1,131859	1,151944	1,114744	1,134525
140,00	1,132846	1,152948	1,115731	1,135530
141,00	1,133832	1,153952	1,116718	1,136534
142,00	1,134819	1,154956	1,117705	1,137539
143,00	1,135806	1,155961	1,118692	1,138543
144,00	1,136793	1,156965	1,119678	1,139547
145,00	1,137780	1,157970	1,120665	1,140551
146,00	1,138767	1,158974	1,121652	1,141556

147,00	1,139754	1,159979	1,122639	1,142560
148,00	1,140741	1,160983	1,123626	1,143565
149,00	1,141728	1,161988	1,124613	1,144569
150,00	1,142715	1,162992	1,125600	1,145574
151,00	1,143702	1,163997	1,126587	1,146578
152,00	1,144689	1,165002	1,127574	1,147583
153,00	1,145676	1,166006	1,128561	1,148587
154,00	1,146662	1,167010	1,129548	1,149592
155,00	1,147649	1,168014	1,130535	1,150596
156,00	1,148636	1,169019	1,131522	1,151601
157,00	1,149623	1,170023	1,132508	1,152604
158,00	1,150610	1,171028	1,133495	1,153609
159,00	1,151597	1,172032	1,134482	1,154613
160,00	1,152584	1,173037	1,135469	1,155618
161,00	1,153571	1,174041	1,136456	1,156622
162,00	1,154558	1,175046	1,137443	1,157627
163,00	1,155545	1,176050	1,138430	1,158631
164,00	1,156532	1,177055	1,139417	1,159636
165,00	1,157519	1,178059	1,140404	1,160640
166,00	1,158506	1,179064	1,141391	1,161645
167,00	1,159492	1,180067	1,142378	1,162649
168,00	1,160479	1,181072	1,143365	1,163654
169,00	1,161466	1,182076	1,144352	1,164659
170,00	1,162453	1,183081	1,145338	1,165662
171,00	1,163440	1,184085	1,146325	1,166667
172,00	1,164427	1,185090	1,147312	1,167671
173,00	1,165414	1,186094	1,148299	1,168676
174,00	1,166401	1,187099	1,149286	1,169680
175,00	1,167388	1,188103	1,150273	1,170685
176,00	1,168375	1,189108	1,151260	1,171689
177,00	1,169362	1,190112	1,152247	1,172694
178,00	1,170349	1,191117	1,153234	1,173698
179,00	1,171336	1,192121	1,154221	1,174703
180,00	1,172322	1,193125	1,155208	1,175707
181,00	1,173309	1,194129	1,156195	1,176712
182,00	1,174296	1,195134	1,157182	1,177716
183,00	1,175283	1,196138	1,158168	1,178720
184,00	1,176270	1,197143	1,159155	1,179724
185,00	1,177257	1,198147	1,160142	1,180729
186,00	1,178244	1,199152	1,161129	1,181733
187,00	1,179231	1,200156	1,162116	1,182738
188,00	1,180218	1,201161	1,163103	1,183742
189,00	1,181205	1,202165	1,164090	1,184747
190,00	1,182192	1,203170	1,165077	1,185751
191,00	1,183179	1,204175	1,166064	1,186756
192,00	1,184166	1,205179	1,167051	1,187760
193,00	1,185152	1,206183	1,168038	1,188765
194,00	1,186139	1,207187	1,169025	1,189769
195,00	1,187126	1,208192	1,170012	1,190774
196,00	1,188113	1,209196	1,170998	1,191777

197,00	1,189100	1,210201	1,171985	1,192782
198,00	1,190087	1,211205	1,172972	1,193786
199,00	1,191074	1,212210	1,173959	1,194791
200,00	1,192061	1,213214	1,174946	1,195795
201,00	1,193048	1,214219	1,175933	1,196800
202,00	1,194035	1,215223	1,176920	1,197804
203,00	1,195022	1,216228	1,177907	1,198809
204,00	1,196009	1,217232	1,178894	1,199813
205,00	1,196996	1,218237	1,179881	1,200818
206,00	1,197982	1,219240	1,180868	1,201823
207,00	1,198969	1,220245	1,181855	1,202827
208,00	1,199956	1,221249	1,182842	1,203832
209,00	1,200943	1,222254	1,183828	1,204835
210,00	1,201930	1,223258	1,184815	1,205840
211,00	1,202917	1,224263	1,185802	1,206844
212,00	1,203904	1,225267	1,186789	1,207849
213,00	1,204891	1,226272	1,187776	1,208853
214,00	1,205878	1,227276	1,188763	1,209858
215,00	1,206865	1,228281	1,189750	1,210862
216,00	1,207852	1,229285	1,190737	1,211867
217,00	1,208839	1,230290	1,191724	1,212871
218,00	1,209826	1,231294	1,192711	1,213876
219,00	1,210812	1,232298	1,193698	1,214880
220,00	1,211799	1,233302	1,194685	1,215885
221,00	1,212786	1,234307	1,195672	1,216889
222,00	1,213773	1,235311	1,196658	1,217893
223,00	1,214760	1,236316	1,197645	1,218897
224,00	1,215747	1,237320	1,198632	1,219902
225,00	1,216734	1,238325	1,199619	1,220906
226,00	1,217721	1,239329	1,200606	1,221911
227,00	1,218708	1,240334	1,201593	1,222915
228,00	1,219695	1,241338	1,202580	1,223920
229,00	1,220682	1,242343	1,203567	1,224924
230,00	1,221669	1,243348	1,204554	1,225929
231,00	1,222656	1,244352	1,205541	1,226933
232,00	1,223642	1,245356	1,206528	1,227938
233,00	1,224629	1,246360	1,207515	1,228942
234,00	1,225616	1,247365	1,208502	1,229947
235,00	1,226603	1,248369	1,209488	1,230950
236,00	1,227590	1,249374	1,210475	1,231955
237,00	1,228577	1,250378	1,211462	1,232959
238,00	1,229564	1,251383	1,212449	1,233964
239,00	1,230551	1,252387	1,213436	1,234968
240,00	1,231538	1,253392	1,214423	1,235973
241,00	1,232525	1,254396	1,215410	1,236977
242,00	1,233512	1,255401	1,216397	1,237982
243,00	1,234499	1,256405	1,217384	1,238986
244,00	1,235486	1,257410	1,218371	1,239991
245,00	1,236472	1,258413	1,219358	1,240996
246,00	1,237459	1,259418	1,220345	1,242000

247,00	1,238446	1,260422	1,221332	1,243005
248,00	1,239433	1,261427	1,222318	1,244008
249,00	1,240420	1,262431	1,223305	1,245013
250,00	1,241407	1,263436	1,224292	1,246017
251,00	1,242394	1,264440	1,225279	1,247022
252,00	1,243381	1,265445	1,226266	1,248026
253,00	1,244368	1,266449	1,227253	1,249031
254,00	1,245355	1,267454	1,228240	1,250035
255,00	1,246342	1,268458	1,229227	1,251040
256,00	1,247329	1,269463	1,230214	1,252044
257,00	1,248316	1,270467	1,231201	1,253049
258,00	1,249302	1,271471	1,232188	1,254053
259,00	1,250289	1,272475	1,233175	1,255058
260,00	1,251276	1,273480	1,234162	1,256062
261,00	1,252263	1,274484	1,235148	1,257066
262,00	1,253250	1,275489	1,236135	1,258070
263,00	1,254237	1,276493	1,237122	1,259075
264,00	1,255224	1,277498	1,238109	1,260079
265,00	1,256211	1,278502	1,239096	1,261084
266,00	1,257198	1,279507	1,240083	1,262088
267,00	1,258185	1,280511	1,241070	1,263093
268,00	1,259172	1,281516	1,242057	1,264097
269,00	1,260159	1,282521	1,243044	1,265102
270,00	1,261146	1,283525	1,244031	1,266106
271,00	1,262132	1,284529	1,245018	1,267111
272,00	1,263119	1,285533	1,246005	1,268115
273,00	1,264106	1,286538	1,246992	1,269120
274,00	1,265093	1,287542	1,247978	1,270123
275,00	1,266080	1,288547	1,248965	1,271128
276,00	1,267067	1,289551	1,249952	1,272132
277,00	1,268054	1,290556	1,250939	1,273137
278,00	1,269041	1,291560	1,251926	1,274141
279,00	1,270028	1,292565	1,252913	1,275146
280,00	1,271015	1,293569	1,253900	1,276150
281,00	1,272002	1,294574	1,254887	1,277155
282,00	1,272989	1,295578	1,255874	1,278159
283,00	1,273976	1,296583	1,256861	1,279164
284,00	1,274962	1,297586	1,257848	1,280169
285,00	1,275949	1,298591	1,258835	1,281173
286,00	1,276936	1,299595	1,259822	1,282178
287,00	1,277923	1,300600	1,260808	1,283181
288,00	1,278910	1,301604	1,261795	1,284186
289,00	1,279897	1,302609	1,262782	1,285190
290,00	1,280884	1,303613	1,263769	1,286195
291,00	1,281871	1,304618	1,264756	1,287199
292,00	1,282858	1,305622	1,265743	1,288204
293,00	1,283845	1,306627	1,266730	1,289208
294,00	1,284832	1,307631	1,267717	1,290213
295,00	1,285819	1,308636	1,268704	1,291217
296,00	1,286806	1,309640	1,269691	1,292222

297,00	1,287792	1,310644	1,270678	1,293226
298,00	1,288779	1,311648	1,271665	1,294231
299,00	1,289766	1,312653	1,272652	1,295235
300,00	1,290753	1,313657	1,273638	1,296239
301,00	1,291740	1,314662	1,274625	1,297243
302,00	1,292727	1,315666	1,275612	1,298248
303,00	1,293714	1,316671	1,276599	1,299252
304,00	1,294701	1,317675	1,277586	1,300257
305,00	1,295688	1,318680	1,278573	1,301261
306,00	1,296675	1,319684	1,279560	1,302266
307,00	1,297662	1,320689	1,280547	1,303270
308,00	1,298649	1,321694	1,281534	1,304275
309,00	1,299636	1,322698	1,282521	1,305279
310,00	1,300622	1,323702	1,283508	1,306284
311,00	1,301609	1,324706	1,284495	1,307288
312,00	1,302596	1,325711	1,285482	1,308293
313,00	1,303583	1,326715	1,286468	1,309296
314,00	1,304570	1,327720	1,287455	1,310301
315,00	1,305557	1,328724	1,288442	1,311305
316,00	1,306544	1,329729	1,289429	1,312310
317,00	1,307531	1,330733	1,290416	1,313314
318,00	1,308518	1,331738	1,291403	1,314319
319,00	1,309505	1,332742	1,292390	1,315323
320,00	1,310492	1,333747	1,293377	1,316328
321,00	1,311479	1,334751	1,294364	1,317332
322,00	1,312466	1,335756	1,295351	1,318337
323,00	1,313452	1,336759	1,296338	1,319342
324,00	1,314439	1,337764	1,297325	1,320346
325,00	1,315426	1,338768	1,298312	1,321351
326,00	1,316413	1,339773	1,299298	1,322354
327,00	1,317400	1,340777	1,300285	1,323359
328,00	1,318387	1,341782	1,301272	1,324363
329,00	1,319374	1,342786	1,302259	1,325368
330,00	1,320361	1,343791	1,303246	1,326372
331,00	1,321348	1,344795	1,304233	1,327377
332,00	1,322335	1,345800	1,305220	1,328381
333,00	1,323322	1,346804	1,306207	1,329386
334,00	1,324309	1,347809	1,307194	1,330390
335,00	1,325296	1,348813	1,308181	1,331395
336,00	1,326282	1,349817	1,309168	1,332399
337,00	1,327269	1,350821	1,310155	1,333404
338,00	1,328256	1,351826	1,311142	1,334408
339,00	1,329243	1,352830	1,312128	1,335412
340,00	1,330230	1,353835	1,313115	1,336416
341,00	1,331217	1,354839	1,314102	1,337421
342,00	1,332204	1,355844	1,315089	1,338425
343,00	1,333191	1,356848	1,316076	1,339430
344,00	1,334178	1,357853	1,317063	1,340434
345,00	1,335165	1,358858	1,318050	1,341439
346,00	1,336152	1,359862	1,319037	1,342443

347,00	1,337139	1,360867	1,320024	1,343448
348,00	1,338126	1,361871	1,321011	1,344452
349,00	1,339112	1,362875	1,321998	1,345457
350,00	1,340099	1,363879	1,322985	1,346461
351,00	1,341086	1,364884	1,323972	1,347466
352,00	1,342073	1,365888	1,324958	1,348469
353,00	1,343060	1,366893	1,325945	1,349474
354,00	1,344047	1,367897	1,326932	1,350478
355,00	1,345034	1,368902	1,327919	1,351483
356,00	1,346021	1,369906	1,328906	1,352487
357,00	1,347008	1,370911	1,329893	1,353492
358,00	1,347995	1,371915	1,330880	1,354496
359,00	1,348982	1,372920	1,331867	1,355501
360,00	1,349969	1,373924	1,332854	1,356505
361,00	1,350956	1,374929	1,333841	1,357510
362,00	1,351942	1,375932	1,334828	1,358515
363,00	1,352929	1,376937	1,335815	1,359519
364,00	1,353916	1,377941	1,336802	1,360524
365,00	1,354903	1,378946	1,337788	1,361527
366,00	1,355890	1,379950	1,338775	1,362532
367,00	1,356877	1,380955	1,339762	1,363536
368,00	1,357864	1,381959	1,340749	1,364541
369,00	1,358851	1,382964	1,341736	1,365545
370,00	1,359838	1,383968	1,342723	1,366550
371,00	1,360825	1,384973	1,343710	1,367554
372,00	1,361812	1,385977	1,344697	1,368559
373,00	1,362799	1,386982	1,345684	1,369563
374,00	1,363786	1,387986	1,346671	1,370568
375,00	1,364772	1,388990	1,347658	1,371572
376,00	1,365759	1,389994	1,348645	1,372577
377,00	1,366746	1,390999	1,349632	1,373581
378,00	1,367733	1,392003	1,350618	1,374585
379,00	1,368720	1,393008	1,351605	1,375589
380,00	1,369707	1,394012	1,352592	1,376594
381,00	1,370694	1,395017	1,353579	1,377598
382,00	1,371681	1,396021	1,354566	1,378603
383,00	1,372668	1,397026	1,355553	1,379607
384,00	1,373655	1,398031	1,356540	1,380612
385,00	1,374642	1,399035	1,357527	1,381616
386,00	1,375629	1,400040	1,358514	1,382621
387,00	1,376616	1,401044	1,359501	1,383625
388,00	1,377602	1,402048	1,360488	1,384630
389,00	1,378589	1,403052	1,361475	1,385634
390,00	1,379576	1,404057	1,362462	1,386639
391,00	1,380563	1,405061	1,363448	1,387642
392,00	1,381550	1,406066	1,364435	1,388647
393,00	1,382537	1,407070	1,365422	1,389651
394,00	1,383524	1,408075	1,366409	1,390656
395,00	1,384511	1,409079	1,367396	1,391660
396,00	1,385498	1,410084	1,368383	1,392665

397,00	1,386485	1,411088	1,369370	1,393669
398,00	1,387472	1,412093	1,370357	1,394674
399,00	1,388459	1,413097	1,371344	1,395678
400,00	1,389446	1,414102	1,372331	1,396683
401,00	1,390432	1,415105	1,373318	1,397688
402,00	1,391419	1,416110	1,374305	1,398692
403,00	1,392406	1,417114	1,375292	1,399697
404,00	1,393393	1,418119	1,376278	1,400700
405,00	1,394380	1,419123	1,377265	1,401705
406,00	1,395367	1,420128	1,378252	1,402709
407,00	1,396354	1,421132	1,379239	1,403714
408,00	1,397341	1,422137	1,380226	1,404718
409,00	1,398328	1,423141	1,381213	1,405723
410,00	1,399315	1,424146	1,382200	1,406727
411,00	1,400302	1,425150	1,383187	1,407732
412,00	1,401289	1,426155	1,384174	1,408736
413,00	1,402276	1,427159	1,385161	1,409741
414,00	1,403262	1,428163	1,386148	1,410745
415,00	1,404249	1,429167	1,387135	1,411750
416,00	1,405236	1,430172	1,388122	1,412754
417,00	1,406223	1,431176	1,389108	1,413758
418,00	1,407210	1,432181	1,390095	1,414762
419,00	1,408197	1,433185	1,391082	1,415767
420,00	1,409184	1,434190	1,392069	1,416771
421,00	1,410171	1,435194	1,393056	1,417776
422,00	1,411158	1,436199	1,394043	1,418780
423,00	1,412145	1,437204	1,395030	1,419785
424,00	1,413132	1,438208	1,396017	1,420789
425,00	1,414119	1,439213	1,397004	1,421794
426,00	1,415106	1,440217	1,397991	1,422798
427,00	1,416093	1,441222	1,398978	1,423803
428,00	1,417079	1,442225	1,399965	1,424807
429,00	1,418066	1,443230	1,400952	1,425812
430,00	1,419053	1,444234	1,401939	1,426816
431,00	1,420040	1,445239	1,402925	1,427820
432,00	1,421027	1,446243	1,403912	1,428824
433,00	1,422014	1,447248	1,404899	1,429829
434,00	1,423001	1,448252	1,405886	1,430833
435,00	1,423988	1,449257	1,406873	1,431838
436,00	1,424975	1,450261	1,407860	1,432842
437,00	1,425962	1,451266	1,408847	1,433847
438,00	1,426949	1,452270	1,409834	1,434852
439,00	1,427936	1,453275	1,410821	1,435856
440,00	1,428923	1,454279	1,411808	1,436861
441,00	1,429909	1,455283	1,412795	1,437865
442,00	1,430896	1,456287	1,413782	1,438870
443,00	1,431883	1,457292	1,414769	1,439874
444,00	1,432870	1,458296	1,415755	1,440878
445,00	1,433857	1,459301	1,416742	1,441882
446,00	1,434844	1,460305	1,417729	1,442887

447,00	1,435831	1,461310	1,418716	1,443891
448,00	1,436818	1,462314	1,419703	1,444896
449,00	1,437805	1,463319	1,420690	1,445900
450,00	1,438792	1,464323	1,421677	1,446905
451,00	1,439779	1,465328	1,422664	1,447909
452,00	1,440766	1,466332	1,423651	1,448914
453,00	1,441753	1,467337	1,424638	1,449918
454,00	1,442739	1,468340	1,425625	1,450923
455,00	1,443726	1,469345	1,426612	1,451927
456,00	1,444713	1,470349	1,427599	1,452932
457,00	1,445700	1,471354	1,428585	1,453935
458,00	1,446687	1,472358	1,429572	1,454940
459,00	1,447674	1,473363	1,430559	1,455944
460,00	1,448661	1,474367	1,431546	1,456949
461,00	1,449648	1,475372	1,432533	1,457953
462,00	1,450635	1,476377	1,433520	1,458958
463,00	1,451622	1,477381	1,434507	1,459962
464,00	1,452609	1,478386	1,435494	1,460967
465,00	1,453596	1,479390	1,436481	1,461971
466,00	1,454583	1,480395	1,437468	1,462976
467,00	1,455569	1,481398	1,438455	1,463980
468,00	1,456556	1,482403	1,439442	1,464985
469,00	1,457543	1,483407	1,440429	1,465989
470,00	1,458530	1,484412	1,441415	1,466993
471,00	1,459517	1,485416	1,442402	1,467997
472,00	1,460504	1,486421	1,443389	1,469002
473,00	1,461491	1,487425	1,444376	1,470006
474,00	1,462478	1,488430	1,445363	1,471011
475,00	1,463465	1,489434	1,446350	1,472015
476,00	1,464452	1,490439	1,447337	1,473020
477,00	1,465439	1,491443	1,448324	1,474025
478,00	1,466426	1,492448	1,449311	1,475029
479,00	1,467413	1,493452	1,450298	1,476034
480,00	1,468399	1,494456	1,451285	1,477038
481,00	1,469386	1,495460	1,452272	1,478043
482,00	1,470373	1,496465	1,453259	1,479047
483,00	1,471360	1,497469	1,454245	1,480051
484,00	1,472347	1,498474	1,455232	1,481055
485,00	1,473334	1,499478	1,456219	1,482060
486,00	1,474321	1,500483	1,457206	1,483064
487,00	1,475308	1,501487	1,458193	1,484069
488,00	1,476295	1,502492	1,459180	1,485073
489,00	1,477282	1,503496	1,460167	1,486078
490,00	1,478269	1,504501	1,461154	1,487082
491,00	1,479256	1,505505	1,462141	1,488087
492,00	1,480243	1,506510	1,463128	1,489091
493,00	1,481229	1,507513	1,464115	1,490096
494,00	1,482216	1,508518	1,465102	1,491100
495,00	1,483203	1,509522	1,466089	1,492105
496,00	1,484190	1,510527	1,467075	1,493108

497,00	1,485177	1,511531	1,468062	1,494113
498,00	1,486164	1,512536	1,469049	1,495117
499,00	1,487151	1,513540	1,470036	1,496122
500,00	1,488138	1,514545	1,471023	1,497126
510,00	1,498007	1,524589	1,480892	1,507170
520,00	1,507876	1,534633	1,490762	1,517216
530,00	1,517746	1,544678	1,500631	1,527260
540,00	1,527615	1,554723	1,510500	1,537304
550,00	1,537484	1,564767	1,520369	1,547348
560,00	1,547353	1,574811	1,530239	1,557393
570,00	1,557223	1,584856	1,540108	1,567437
580,00	1,567092	1,594900	1,549977	1,577481
590,00	1,576961	1,604944	1,559846	1,587525
600,00	1,586830	1,614988	1,569715	1,597570
610,00	1,596699	1,625032	1,579585	1,607615
620,00	1,606569	1,635078	1,589454	1,617659
630,00	1,616438	1,645122	1,599323	1,627703
640,00	1,626307	1,655166	1,609192	1,637747
650,00	1,636176	1,665210	1,619062	1,647792
660,00	1,646046	1,675255	1,628931	1,657836
670,00	1,655915	1,685299	1,638800	1,667881
680,00	1,665784	1,695343	1,648669	1,677925
690,00	1,675653	1,705387	1,658539	1,687970
700,00	1,685523	1,715433	1,668408	1,698014
710,00	1,695392	1,725477	1,678277	1,708058
720,00	1,705261	1,735521	1,688146	1,718102
730,00	1,715130	1,745565	1,698015	1,728146
740,00	1,724999	1,755609	1,707885	1,738191
750,00	1,734869	1,765654	1,717754	1,748236
760,00	1,744738	1,775698	1,727623	1,758280
770,00	1,754607	1,785743	1,737492	1,768324
780,00	1,764476	1,795787	1,747362	1,778369
790,00	1,774346	1,805832	1,757231	1,788413
800,00	1,784215	1,815876	1,767100	1,798457
810,00	1,794084	1,825920	1,776969	1,808501
820,00	1,803953	1,835964	1,786839	1,818546
830,00	1,813823	1,846009	1,796708	1,828591
840,00	1,823692	1,856053	1,806577	1,838635
850,00	1,833561	1,866098	1,816446	1,848679
860,00	1,843430	1,876142	1,826316	1,858724
870,00	1,853300	1,886187	1,836185	1,868768
880,00	1,863169	1,896231	1,846054	1,878812
890,00	1,873038	1,906275	1,855923	1,888856
900,00	1,882907	1,916319	1,865792	1,898900
910,00	1,892776	1,926363	1,875662	1,908946
920,00	1,902646	1,936408	1,885531	1,918990
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940,00	1,922384	1,956497	1,905269	1,939078
950,00	1,932253	1,966541	1,915139	1,949123
960,00	1,942123	1,976586	1,925008	1,959167

970,00	1,951992	1,986630	1,934877	1,969211
980,00	1,961861	1,996674	1,944746	1,979256
990,00	1,971730	2,006718	1,954616	1,989301
1.000,00	1,981600	2,016763	1,964485	1,999345
1.010,00	1,991469	2,026808	1,974354	2,009389
1.020,00	2,001338	2,036852	1,984223	2,019433
1.030,00	2,011207	2,046896	1,994092	2,029477
1.040,00	2,021076	2,056940	2,003962	2,039522
1.050,00	2,030946	2,066985	2,013831	2,049566
1.060,00	2,040815	2,077029	2,023700	2,059611
1.070,00	2,050684	2,087073	2,033569	2,069655
1.080,00	2,060553	2,097118	2,043439	2,079700
1.090,00	2,070423	2,107163	2,053308	2,089744
1.100,00	2,080292	2,117207	2,063177	2,099788
1.110,00	2,090161	2,127251	2,073046	2,109832
1.120,00	2,100030	2,137295	2,082916	2,119877
1.130,00	2,109900	2,147340	2,092785	2,129921
1.140,00	2,119769	2,157384	2,102654	2,139966
1.150,00	2,129638	2,167428	2,112523	2,150010
1.160,00	2,139507	2,177473	2,122392	2,160054
1.170,00	2,149376	2,187517	2,132262	2,170099
1.180,00	2,159246	2,197562	2,142131	2,180143
1.190,00	2,169115	2,207606	2,152000	2,190187
1.200,00	2,178984	2,217650	2,161869	2,200231
1.210,00	2,188853	2,227694	2,171739	2,210277
1.220,00	2,198723	2,237739	2,181608	2,220321
1.230,00	2,208592	2,247783	2,191477	2,230365
1.240,00	2,218461	2,257828	2,201346	2,240409
1.250,00	2,228330	2,267872	2,211216	2,250454
1.260,00	2,238200	2,277917	2,221085	2,260498
1.270,00	2,248069	2,287961	2,230954	2,270542
1.280,00	2,257938	2,298005	2,240823	2,280586
1.290,00	2,267807	2,308049	2,250693	2,290632
1.300,00	2,277677	2,318094	2,260562	2,300676
1.310,00	2,287546	2,328139	2,270431	2,310720
1.320,00	2,297415	2,338183	2,280300	2,320764
1.330,00	2,307284	2,348227	2,290169	2,330808
1.340,00	2,317153	2,358271	2,300039	2,340853
1.350,00	2,327023	2,368316	2,309908	2,350897
1.360,00	2,336892	2,378360	2,319777	2,360941
1.370,00	2,346761	2,388404	2,329646	2,370986
1.380,00	2,356630	2,398448	2,339516	2,381031
1.390,00	2,366500	2,408494	2,349385	2,391075
1.400,00	2,376369	2,418538	2,359254	2,401119
1.410,00	2,386238	2,428582	2,369123	2,411163
1.420,00	2,396107	2,438626	2,378993	2,421208
1.430,00	2,405977	2,448671	2,388862	2,431252
1.440,00	2,415846	2,458715	2,398731	2,441296
1.450,00	2,425715	2,468759	2,408600	2,451341
1.460,00	2,435584	2,478803	2,418469	2,461385

1.470,00	2,445453	2,488848	2,428339	2,471430
1.480,00	2,455323	2,498893	2,438208	2,481474
1.490,00	2,465192	2,508937	2,448077	2,491518
1.500,00	2,475061	2,518981	2,457946	2,501562
1.510,00	2,484930	2,529025	2,467816	2,511607
1.520,00	2,494800	2,539070	2,477685	2,521652
1.530,00	2,504669	2,549114	2,487554	2,531696
1.540,00	2,514538	2,559158	2,497423	2,541740
1.550,00	2,524407	2,569203	2,507293	2,551785
1.560,00	2,534277	2,579248	2,517162	2,561829
1.570,00	2,544146	2,589292	2,527031	2,571873
1.580,00	2,554015	2,599336	2,536900	2,581917
1.590,00	2,563884	2,609380	2,546769	2,591961
1.600,00	2,573753	2,619424	2,556639	2,602007
1.610,00	2,583623	2,629469	2,566508	2,612051
1.620,00	2,593492	2,639514	2,576377	2,622095
1.630,00	2,603361	2,649558	2,586246	2,632139
1.640,00	2,613230	2,659602	2,596116	2,642184
1.650,00	2,623100	2,669647	2,605985	2,652228
1.660,00	2,632969	2,679691	2,615854	2,662272
1.670,00	2,642838	2,689735	2,625723	2,672316
1.680,00	2,652707	2,699779	2,635593	2,682362
1.690,00	2,662577	2,709824	2,645462	2,692406
1.700,00	2,672446	2,719869	2,655331	2,702450
1.710,00	2,682315	2,729913	2,665200	2,712494
1.720,00	2,692184	2,739957	2,675070	2,722539
1.730,00	2,702054	2,750002	2,684939	2,732583
1.740,00	2,711923	2,760046	2,694808	2,742627
1.750,00	2,721792	2,770090	2,704677	2,752671
1.760,00	2,731661	2,780134	2,714546	2,762716
1.770,00	2,741530	2,790178	2,724416	2,772761
1.780,00	2,751400	2,800224	2,734285	2,782805
1.790,00	2,761269	2,810268	2,744154	2,792849
1.800,00	2,771138	2,820312	2,754023	2,802893
1.810,00	2,781007	2,830356	2,763893	2,812938
1.820,00	2,790877	2,840401	2,773762	2,822982
1.830,00	2,800746	2,850445	2,783631	2,833027
1.840,00	2,810615	2,860489	2,793500	2,843071
1.850,00	2,820484	2,870533	2,803370	2,853116
1.860,00	2,830354	2,880579	2,813239	2,863160
1.870,00	2,840223	2,890623	2,823108	2,873204
1.880,00	2,850092	2,900667	2,832977	2,883248
1.890,00	2,859961	2,910711	2,842846	2,893292
1.900,00	2,869830	2,920755	2,852716	2,903337
1.910,00	2,879700	2,930800	2,862585	2,913382
1.920,00	2,889569	2,940844	2,872454	2,923426
1.930,00	2,899438	2,950889	2,882323	2,933470
1.940,00	2,909307	2,960933	2,892193	2,943515
1.950,00	2,919177	2,970978	2,902062	2,953559
1.960,00	2,929046	2,981022	2,911931	2,963603

1.970,00	2,938915	2,991066	2,921800	2,973647
1.980,00	2,948784	3,001110	2,931670	2,983692
1.990,00	2,958654	3,011155	2,941539	2,993737
2.000,00	2,968523	3,021199	2,951408	3,003781
2.010,00	2,978392	3,031244	2,961277	3,013825
2.020,00	2,988261	3,041288	2,971146	3,023869
2.030,00	2,998130	3,051332	2,981016	3,033914
2.040,00	3,008000	3,061377	2,990885	3,043958
2.050,00	3,017869	3,071421	3,000754	3,054002
2.060,00	3,027738	3,081465	3,010623	3,064047
2.070,00	3,037607	3,091509	3,020493	3,074092
2.080,00	3,047477	3,101554	3,030362	3,084136
2.090,00	3,057346	3,111599	3,040231	3,094180
2.100,00	3,067215	3,121643	3,050100	3,104224
2.110,00	3,077084	3,131687	3,059970	3,114269
2.120,00	3,086954	3,141732	3,069839	3,124313
2.130,00	3,096823	3,151776	3,079708	3,134357
2.140,00	3,106692	3,161820	3,089577	3,144402
2.150,00	3,116561	3,171864	3,099447	3,154447
2.160,00	3,126431	3,181910	3,109316	3,164491
2.170,00	3,136300	3,191954	3,119185	3,174535
2.180,00	3,146169	3,201998	3,129054	3,184579
2.190,00	3,156038	3,212042	3,138923	3,194623
2.200,00	3,165907	3,222086	3,148793	3,204668
2.210,00	3,175777	3,232131	3,158662	3,214712
2.220,00	3,185646	3,242175	3,168531	3,224757
2.230,00	3,195515	3,252219	3,178400	3,234801
2.240,00	3,205384	3,262264	3,188270	3,244846
2.250,00	3,215254	3,272309	3,198139	3,254890
2.260,00	3,225123	3,282353	3,208008	3,264934
2.270,00	3,234992	3,292397	3,217877	3,274978
2.280,00	3,244861	3,302441	3,227747	3,285023
2.290,00	3,254731	3,312486	3,237616	3,295067
2.300,00	3,264600	3,322530	3,247485	3,305112
2.310,00	3,274469	3,332574	3,257354	3,315156
2.320,00	3,284338	3,342619	3,267223	3,325200
2.330,00	3,294207	3,352663	3,277093	3,335245
2.340,00	3,304077	3,362708	3,286962	3,345289
2.350,00	3,313946	3,372752	3,296831	3,355333
2.360,00	3,323815	3,382796	3,306700	3,365377
2.370,00	3,333684	3,392840	3,316570	3,375423
2.380,00	3,343554	3,402885	3,326439	3,385467
2.390,00	3,353423	3,412929	3,336308	3,395511
2.400,00	3,363292	3,422974	3,346177	3,405555
2.410,00	3,373161	3,433018	3,356047	3,415600
2.420,00	3,383031	3,443063	3,365916	3,425644
2.430,00	3,392900	3,453107	3,375785	3,435688
2.440,00	3,402769	3,463151	3,385654	3,445732
2.450,00	3,412638	3,473195	3,395523	3,455777
2.460,00	3,422508	3,483240	3,405393	3,465822

2.470,00	3,432377	3,493285	3,415262	3,475866
2.480,00	3,442246	3,503329	3,425131	3,485910
2.490,00	3,452115	3,513373	3,435000	3,495954
2.500,00	3,461984	3,523417	3,444870	3,505999
2.510,00	3,471854	3,533462	3,454739	3,516043
2.520,00	3,481723	3,543506	3,464608	3,526087
2.530,00	3,491592	3,553550	3,474477	3,536132
2.540,00	3,501461	3,563594	3,484347	3,546177
2.550,00	3,511331	3,573640	3,494216	3,556221
2.560,00	3,521200	3,583684	3,504085	3,566265
2.570,00	3,531069	3,593728	3,513954	3,576309
2.580,00	3,540938	3,603772	3,523824	3,586354
2.590,00	3,550808	3,613817	3,533693	3,596398
2.600,00	3,560677	3,623861	3,543562	3,606443
2.610,00	3,570546	3,633905	3,553431	3,616487
2.620,00	3,580415	3,643949	3,563300	3,626531
2.630,00	3,590284	3,653994	3,573170	3,636576
2.640,00	3,600154	3,664039	3,583039	3,646620
2.650,00	3,610023	3,674083	3,592908	3,656664
2.660,00	3,619892	3,684127	3,602777	3,666708
2.670,00	3,629761	3,694171	3,612647	3,676753
2.680,00	3,639631	3,704216	3,622516	3,686798
2.690,00	3,649500	3,714260	3,632385	3,696842
2.700,00	3,659369	3,724305	3,642254	3,706886
2.710,00	3,669238	3,734349	3,652124	3,716931
2.720,00	3,679108	3,744394	3,661993	3,726975
2.730,00	3,688977	3,754438	3,671862	3,737019
2.740,00	3,698846	3,764482	3,681731	3,747063
2.750,00	3,708715	3,774526	3,691600	3,757107
2.760,00	3,718584	3,784570	3,701470	3,767153
2.770,00	3,728454	3,794615	3,711339	3,777197
2.780,00	3,738323	3,804660	3,721208	3,787241
2.790,00	3,748192	3,814704	3,731077	3,797285
2.800,00	3,758061	3,824748	3,740947	3,807330
2.810,00	3,767931	3,834793	3,750816	3,817374
2.820,00	3,777800	3,844837	3,760685	3,827418
2.830,00	3,787669	3,854881	3,770554	3,837462
2.840,00	3,797538	3,864925	3,780424	3,847508
2.850,00	3,807408	3,874970	3,790293	3,857552
2.860,00	3,817277	3,885015	3,800162	3,867596
2.870,00	3,827146	3,895059	3,810031	3,877640
2.880,00	3,837015	3,905103	3,819901	3,887685
2.890,00	3,846885	3,915148	3,829770	3,897729
2.900,00	3,856754	3,925192	3,839639	3,907773
2.910,00	3,866623	3,935236	3,849508	3,917818
2.920,00	3,876492	3,945280	3,859377	3,927862
2.930,00	3,886361	3,955324	3,869247	3,937907
2.940,00	3,896231	3,965370	3,879116	3,947951
2.950,00	3,906100	3,975414	3,888985	3,957995
2.960,00	3,915969	3,985458	3,898854	3,968039

2.970,00	3,925838	3,995502	3,908724	3,978084
2.980,00	3,935708	4,005547	3,918593	3,988128
2.990,00	3,945577	4,015591	3,928462	3,998173
3.000,00	3,955446	4,025635	3,938331	4,008217
3.010,00	3,965315	4,035680	3,948201	4,018262
3.020,00	3,975185	4,045725	3,958070	4,028306
3.030,00	3,985054	4,055769	3,967939	4,038350
3.040,00	3,994923	4,065813	3,977808	4,048394
3.050,00	4,004792	4,075857	3,987677	4,058438
3.060,00	4,014661	4,085901	3,997547	4,068483
3.070,00	4,024531	4,095946	4,007416	4,078528
3.080,00	4,034400	4,105990	4,017285	4,088572
3.090,00	4,044269	4,116035	4,027154	4,098616
3.100,00	4,054138	4,126079	4,037024	4,108661
3.110,00	4,064008	4,136124	4,046893	4,118705
3.120,00	4,073877	4,146168	4,056762	4,128749
3.130,00	4,083746	4,156212	4,066631	4,138793
3.140,00	4,093615	4,166256	4,076501	4,148839
3.150,00	4,103485	4,176301	4,086370	4,158883
3.160,00	4,113354	4,186345	4,096239	4,168927
3.170,00	4,123223	4,196390	4,106108	4,178971
3.180,00	4,133092	4,206434	4,115977	4,189015
3.190,00	4,142961	4,216478	4,125847	4,199060
3.200,00	4,152831	4,226523	4,135716	4,209104
3.210,00	4,162700	4,236567	4,145585	4,219148
3.220,00	4,172569	4,246611	4,155454	4,229193
3.230,00	4,182438	4,256655	4,165324	4,239238
3.240,00	4,192308	4,266701	4,175193	4,249282
3.250,00	4,202177	4,276745	4,185062	4,259326
3.260,00	4,212046	4,286789	4,194931	4,269370
3.270,00	4,221915	4,296833	4,204801	4,279415
3.280,00	4,231785	4,306878	4,214670	4,289459
3.290,00	4,241654	4,316922	4,224539	4,299503
3.300,00	4,251523	4,326966	4,234408	4,309548
3.310,00	4,261392	4,337010	4,244278	4,319593
3.320,00	4,271262	4,347056	4,254147	4,329637
3.330,00	4,281131	4,357100	4,264016	4,339681
3.340,00	4,291000	4,367144	4,273885	4,349725
3.350,00	4,300869	4,377188	4,283754	4,359769
3.360,00	4,310738	4,387232	4,293624	4,369814
3.370,00	4,320608	4,397277	4,303493	4,379858
3.380,00	4,330477	4,407321	4,313362	4,389903
3.390,00	4,340346	4,417365	4,323231	4,399947
3.400,00	4,350215	4,427410	4,333101	4,409992
3.410,00	4,360085	4,437455	4,342970	4,420036
3.420,00	4,369954	4,447499	4,352839	4,430080
3.430,00	4,379823	4,457543	4,362708	4,440124
3.440,00	4,389692	4,467587	4,372578	4,450169
3.450,00	4,399562	4,477632	4,382447	4,460214
3.460,00	4,409431	4,487676	4,392316	4,470258

3.470,00	4,419300	4,497720	4,402185	4,480302
3.480,00	4,429169	4,507765	4,412054	4,490346
3.490,00	4,439038	4,517809	4,421924	4,500391
3.500,00	4,448908	4,527854	4,431793	4,510435