

Tabulated potential for E1-E1

E1-E1

N 600 R 0.0000001 11.9800001

1	0.0000001	0.10722E+05	0.85100E+04
2	0.0200001	0.10553E+05	0.84400E+04
3	0.0400001	0.10386E+05	0.83700E+04
4	0.0600001	0.10219E+05	0.83100E+04
5	0.0800001	0.10055E+05	0.82400E+04
6	0.1000001	0.98912E+04	0.81700E+04
7	0.1200001	0.97292E+04	0.81000E+04
8	0.1400001	0.95684E+04	0.80400E+04
9	0.1600001	0.94090E+04	0.79700E+04
10	0.1800001	0.92510E+04	0.79000E+04
11	0.2000001	0.90942E+04	0.78400E+04
12	0.2200001	0.89388E+04	0.77700E+04
13	0.2400001	0.87848E+04	0.77000E+04
14	0.2600001	0.86322E+04	0.76300E+04
15	0.2800001	0.84808E+04	0.75700E+04
16	0.3000001	0.83308E+04	0.75000E+04
17	0.3200001	0.81822E+04	0.74300E+04
18	0.3400001	0.80348E+04	0.73700E+04
19	0.3600001	0.78888E+04	0.73000E+04
20	0.3800001	0.77442E+04	0.72300E+04
21	0.4000001	0.76008E+04	0.71700E+04
22	0.4200001	0.74588E+04	0.71000E+04
23	0.4400001	0.73182E+04	0.70300E+04
24	0.4600001	0.71790E+04	0.69600E+04
25	0.4800001	0.70410E+04	0.69000E+04
26	0.5000001	0.69044E+04	0.68300E+04
27	0.5200001	0.67692E+04	0.67600E+04
28	0.5400001	0.66352E+04	0.67000E+04
29	0.5600001	0.65026E+04	0.66300E+04
30	0.5800001	0.63714E+04	0.65600E+04
31	0.6000001	0.62416E+04	0.64900E+04
32	0.6200001	0.61130E+04	0.64300E+04
33	0.6400001	0.59858E+04	0.63600E+04
34	0.6600001	0.58600E+04	0.62900E+04
35	0.6800001	0.57354E+04	0.62300E+04
36	0.7000001	0.56122E+04	0.61600E+04
37	0.7200001	0.54904E+04	0.60900E+04
38	0.7400001	0.53698E+04	0.60300E+04
39	0.7600001	0.52506E+04	0.59600E+04
40	0.7800001	0.51328E+04	0.58900E+04
41	0.8000001	0.50164E+04	0.58200E+04
42	0.8200001	0.49012E+04	0.57600E+04
43	0.8400001	0.47874E+04	0.56900E+04
44	0.8600001	0.46750E+04	0.56200E+04
45	0.8800001	0.45638E+04	0.55600E+04
46	0.9000001	0.44540E+04	0.54900E+04
47	0.9200001	0.43456E+04	0.54200E+04
48	0.9400001	0.42384E+04	0.53600E+04
49	0.9600001	0.41326E+04	0.52900E+04
50	0.9800001	0.40282E+04	0.52200E+04
51	1.0000001	0.39252E+04	0.51500E+04
52	1.0200001	0.38234E+04	0.50900E+04
53	1.0400001	0.37230E+04	0.50200E+04
54	1.0600001	0.36240E+04	0.49500E+04
55	1.0800001	0.35262E+04	0.48900E+04
56	1.1000001	0.34298E+04	0.48200E+04
57	1.1200001	0.33348E+04	0.47500E+04
58	1.1400001	0.32412E+04	0.46800E+04
59	1.1600001	0.31488E+04	0.46200E+04
60	1.1800001	0.30578E+04	0.45500E+04
61	1.2000001	0.29682E+04	0.44800E+04

62	1.2200001	0.28798E+04	0.44200E+04
63	1.2400001	0.27928E+04	0.43500E+04
64	1.2600001	0.27072E+04	0.42800E+04
65	1.2800001	0.26228E+04	0.42200E+04
66	1.3000001	0.25398E+04	0.41500E+04
67	1.3200001	0.24582E+04	0.40800E+04
68	1.3400001	0.23780E+04	0.40100E+04
69	1.3600001	0.22990E+04	0.39500E+04
70	1.3800001	0.22214E+04	0.38800E+04
71	1.4000001	0.21452E+04	0.38100E+04
72	1.4200001	0.20702E+04	0.37500E+04
73	1.4400001	0.19966E+04	0.36800E+04
74	1.4600001	0.19244E+04	0.36100E+04
75	1.4800001	0.18536E+04	0.35400E+04
76	1.5000001	0.17840E+04	0.34800E+04
77	1.5200001	0.17158E+04	0.34100E+04
78	1.5400001	0.16490E+04	0.33400E+04
79	1.5600001	0.15834E+04	0.32800E+04
80	1.5800001	0.15192E+04	0.32100E+04
81	1.6000001	0.14564E+04	0.31400E+04
82	1.6200001	0.13948E+04	0.30800E+04
83	1.6400001	0.13346E+04	0.30100E+04
84	1.6600001	0.12758E+04	0.29400E+04
85	1.6800001	0.12184E+04	0.28700E+04
86	1.7000001	0.11622E+04	0.28100E+04
87	1.7200001	0.11074E+04	0.27400E+04
88	1.7400001	0.10540E+04	0.26700E+04
89	1.7600001	0.10018E+04	0.26100E+04
90	1.7800001	0.95099E+03	0.25400E+04
91	1.8000001	0.90159E+03	0.24700E+04
92	1.8200001	0.85359E+03	0.24000E+04
93	1.8400001	0.80679E+03	0.23400E+04
94	1.8600001	0.76139E+03	0.22700E+04
95	1.8800001	0.71739E+03	0.22000E+04
96	1.9000001	0.67459E+03	0.21400E+04
97	1.9200001	0.63319E+03	0.20700E+04
98	1.9400001	0.59319E+03	0.20000E+04
99	1.9600001	0.55439E+03	0.19400E+04
100	1.9800001	0.51699E+03	0.18700E+04
101	2.0000001	0.48099E+03	0.18000E+04
102	2.0200001	0.44639E+03	0.17300E+04
103	2.0400001	0.41299E+03	0.16700E+04
104	2.0600001	0.38099E+03	0.16000E+04
105	2.0800001	0.35039E+03	0.15300E+04
106	2.1000001	0.32099E+03	0.14700E+04
107	2.1200001	0.29299E+03	0.14000E+04
108	2.1400001	0.26639E+03	0.13300E+04
109	2.1600001	0.24119E+03	0.12600E+04
110	2.1800001	0.21719E+03	0.12000E+04
111	2.2000001	0.19459E+03	0.11300E+04
112	2.2200001	0.17339E+03	0.10600E+04
113	2.2400001	0.15345E+03	0.99700E+03
114	2.2600001	0.13485E+03	0.93000E+03
115	2.2800001	0.11759E+03	0.86300E+03
116	2.3000001	0.10167E+03	0.79600E+03
117	2.3200001	0.87085E+02	0.72900E+03
118	2.3400001	0.73845E+02	0.66200E+03
119	2.3600001	0.61965E+02	0.59400E+03
120	2.3800001	0.51425E+02	0.52700E+03
121	2.4000001	0.42225E+02	0.46000E+03
122	2.4200001	0.34365E+02	0.39300E+03
123	2.4400001	0.27845E+02	0.32600E+03
124	2.4600001	0.22665E+02	0.25900E+03
125	2.4800001	0.18525E+02	0.20700E+03
126	2.5000001	0.15205E+02	0.16600E+03
127	2.5200001	0.12525E+02	0.13400E+03

128	2.5400001	0.10365E+02	0.10800E+03
129	2.5600001	0.86055E+01	0.88000E+02
130	2.5800001	0.71695E+01	0.71800E+02
131	2.6000001	0.59935E+01	0.58800E+02
132	2.6200001	0.50255E+01	0.48400E+02
133	2.6400001	0.42275E+01	0.39900E+02
134	2.6600001	0.35655E+01	0.33100E+02
135	2.6800001	0.30155E+01	0.27500E+02
136	2.7000001	0.25575E+01	0.22900E+02
137	2.7200001	0.21755E+01	0.19100E+02
138	2.7400001	0.18535E+01	0.16100E+02
139	2.7600001	0.15835E+01	0.13500E+02
140	2.7800001	0.13555E+01	0.11400E+02
141	2.8000001	0.11629E+01	0.96300E+01
142	2.8200001	0.99949E+00	0.81700E+01
143	2.8400001	0.86069E+00	0.69400E+01
144	2.8600001	0.74249E+00	0.59100E+01
145	2.8800001	0.64149E+00	0.50500E+01
146	2.9000001	0.55509E+00	0.43200E+01
147	2.9200001	0.48089E+00	0.37100E+01
148	2.9400001	0.41709E+00	0.31900E+01
149	2.9600001	0.36209E+00	0.27500E+01
150	2.9800001	0.31469E+00	0.23700E+01
151	3.0000001	0.27369E+00	0.20500E+01
152	3.0200001	0.23829E+00	0.17700E+01
153	3.0400001	0.20749E+00	0.15400E+01
154	3.0600001	0.18069E+00	0.13400E+01
155	3.0800001	0.15749E+00	0.11600E+01
156	3.1000001	0.13729E+00	0.10100E+01
157	3.1200001	0.11961E+00	0.88400E+00
158	3.1400001	0.10415E+00	0.77300E+00
159	3.1600001	0.90625E-01	0.67600E+00
160	3.1800001	0.78785E-01	0.59200E+00
161	3.2000001	0.68405E-01	0.51900E+00
162	3.2200001	0.59305E-01	0.45500E+00
163	3.2400001	0.51305E-01	0.40000E+00
164	3.2600001	0.44285E-01	0.35100E+00
165	3.2800001	0.38085E-01	0.31000E+00
166	3.3000001	0.32645E-01	0.27200E+00
167	3.3200001	0.27865E-01	0.23900E+00
168	3.3400001	0.23625E-01	0.21200E+00
169	3.3600001	0.19905E-01	0.18600E+00
170	3.3800001	0.16625E-01	0.16400E+00
171	3.4000001	0.13725E-01	0.14500E+00
172	3.4200001	0.11165E-01	0.12800E+00
173	3.4400001	0.89055E-02	0.11300E+00
174	3.4600001	0.69155E-02	0.99500E-01
175	3.4800001	0.51515E-02	0.88200E-01
176	3.5000001	0.36075E-02	0.77200E-01
177	3.5200001	0.22395E-02	0.68400E-01
178	3.5400001	0.10355E-02	0.60200E-01
179	3.5600001	-0.22549E-04	0.52900E-01
180	3.5800001	-0.95255E-03	0.46500E-01
181	3.6000001	-0.17745E-02	0.41100E-01
182	3.6200001	-0.24865E-02	0.35600E-01
183	3.6400001	-0.31125E-02	0.31300E-01
184	3.6600001	-0.36605E-02	0.27400E-01
185	3.6800001	-0.41465E-02	0.24300E-01
186	3.7000001	-0.45565E-02	0.20500E-01
187	3.7200001	-0.49085E-02	0.17600E-01
188	3.7400001	-0.52285E-02	0.16000E-01
189	3.7600001	-0.54905E-02	0.13100E-01
190	3.7800001	-0.57085E-02	0.10900E-01
191	3.8000001	-0.59075E-02	0.99500E-02
192	3.8200001	-0.60703E-02	0.81400E-02
193	3.8400001	-0.62099E-02	0.69800E-02

194	3.86000001	-0.63189E-02	0.54500E-02
195	3.88000001	-0.64093E-02	0.45200E-02
196	3.90000001	-0.64733E-02	0.32000E-02
197	3.92000001	-0.65325E-02	0.29600E-02
198	3.94000001	-0.65683E-02	0.17900E-02
199	3.96000001	-0.66021E-02	0.16900E-02
200	3.98000001	-0.66339E-02	0.15900E-02
201	4.00000001	-0.66637E-02	0.14900E-02
202	4.02000001	-0.66676E-02	0.19300E-03
203	4.04000001	-0.66589E-02	-0.43400E-03
204	4.06000001	-0.66464E-02	-0.62500E-03
205	4.08000001	-0.66265E-02	-0.99500E-03
206	4.10000001	-0.65997E-02	-0.13400E-02
207	4.12000001	-0.65661E-02	-0.16800E-02
208	4.14000001	-0.65259E-02	-0.20100E-02
209	4.16000001	-0.64795E-02	-0.23200E-02
210	4.18000001	-0.64271E-02	-0.26200E-02
211	4.20000001	-0.63735E-02	-0.26800E-02
212	4.22000001	-0.63189E-02	-0.27300E-02
213	4.24000001	-0.62631E-02	-0.27900E-02
214	4.26000001	-0.62061E-02	-0.28500E-02
215	4.28000001	-0.61483E-02	-0.28900E-02
216	4.30000001	-0.60903E-02	-0.29000E-02
217	4.32000001	-0.60319E-02	-0.29200E-02
218	4.34000001	-0.59733E-02	-0.29300E-02
219	4.36000001	-0.59145E-02	-0.29400E-02
220	4.38000001	-0.58553E-02	-0.29600E-02
221	4.40000001	-0.57959E-02	-0.29700E-02
222	4.42000001	-0.57361E-02	-0.29900E-02
223	4.44000001	-0.56761E-02	-0.30000E-02
224	4.46000001	-0.56157E-02	-0.30200E-02
225	4.48000001	-0.55551E-02	-0.30300E-02
226	4.50000001	-0.54943E-02	-0.30400E-02
227	4.52000001	-0.54329E-02	-0.30700E-02
228	4.54000001	-0.53729E-02	-0.30000E-02
229	4.56000001	-0.53145E-02	-0.29200E-02
230	4.58000001	-0.52575E-02	-0.28500E-02
231	4.60000001	-0.52019E-02	-0.27800E-02
232	4.62000001	-0.51477E-02	-0.27100E-02
233	4.64000001	-0.50949E-02	-0.26400E-02
234	4.66000001	-0.50435E-02	-0.25700E-02
235	4.68000001	-0.49937E-02	-0.24900E-02
236	4.70000001	-0.49453E-02	-0.24200E-02
237	4.72000001	-0.48983E-02	-0.23500E-02
238	4.74000001	-0.48527E-02	-0.22800E-02
239	4.76000001	-0.48119E-02	-0.20400E-02
240	4.78000001	-0.47739E-02	-0.19000E-02
241	4.80000001	-0.47369E-02	-0.18500E-02
242	4.82000001	-0.47005E-02	-0.18200E-02
243	4.84000001	-0.46645E-02	-0.18000E-02
244	4.86000001	-0.46289E-02	-0.17800E-02
245	4.88000001	-0.45947E-02	-0.17100E-02
246	4.90000001	-0.45609E-02	-0.16900E-02
247	4.92000001	-0.45275E-02	-0.16700E-02
248	4.94000001	-0.44953E-02	-0.16100E-02
249	4.96000001	-0.44637E-02	-0.15800E-02
250	4.98000001	-0.44325E-02	-0.15600E-02
251	5.00000001	-0.44017E-02	-0.15400E-02
252	5.02000001	-0.43715E-02	-0.15100E-02
253	5.04000001	-0.43417E-02	-0.14900E-02
254	5.06000001	-0.43123E-02	-0.14700E-02
255	5.08000001	-0.42849E-02	-0.13700E-02
256	5.10000001	-0.42595E-02	-0.12700E-02
257	5.12000001	-0.42349E-02	-0.12300E-02
258	5.14000001	-0.42113E-02	-0.11800E-02
259	5.16000001	-0.41885E-02	-0.11400E-02

260	5.18000001	-0.41665E-02	-0.11000E-02
261	5.20000001	-0.41453E-02	-0.10600E-02
262	5.22000001	-0.41249E-02	-0.10200E-02
263	5.24000001	-0.41054E-02	-0.97700E-03
264	5.26000001	-0.40867E-02	-0.93600E-03
265	5.28000001	-0.40681E-02	-0.92800E-03
266	5.30000001	-0.40497E-02	-0.91800E-03
267	5.32000001	-0.40316E-02	-0.90500E-03
268	5.34000001	-0.40138E-02	-0.89200E-03
269	5.36000001	-0.39962E-02	-0.87800E-03
270	5.38000001	-0.39789E-02	-0.86500E-03
271	5.40000001	-0.39619E-02	-0.85200E-03
272	5.42000001	-0.39451E-02	-0.83900E-03
273	5.44000001	-0.39286E-02	-0.82600E-03
274	5.46000001	-0.39124E-02	-0.81200E-03
275	5.48000001	-0.38964E-02	-0.79900E-03
276	5.50000001	-0.38807E-02	-0.78600E-03
277	5.52000001	-0.38651E-02	-0.78000E-03
278	5.54000001	-0.38496E-02	-0.77500E-03
279	5.56000001	-0.38342E-02	-0.76900E-03
280	5.58000001	-0.38189E-02	-0.76300E-03
281	5.60000001	-0.38038E-02	-0.75700E-03
282	5.62000001	-0.37888E-02	-0.75100E-03
283	5.64000001	-0.37738E-02	-0.74600E-03
284	5.66000001	-0.37590E-02	-0.74000E-03
285	5.68000001	-0.37443E-02	-0.73900E-03
286	5.70000001	-0.37304E-02	-0.69400E-03
287	5.72000001	-0.37171E-02	-0.66300E-03
288	5.74000001	-0.37045E-02	-0.63300E-03
289	5.76000001	-0.36924E-02	-0.60200E-03
290	5.78000001	-0.36806E-02	-0.59200E-03
291	5.80000001	-0.36690E-02	-0.58100E-03
292	5.82000001	-0.36575E-02	-0.57500E-03
293	5.84000001	-0.36464E-02	-0.55100E-03
294	5.86000001	-0.36358E-02	-0.53100E-03
295	5.88000001	-0.36256E-02	-0.51100E-03
296	5.90000001	-0.36158E-02	-0.49100E-03
297	5.92000001	-0.36064E-02	-0.47100E-03
298	5.94000001	-0.35973E-02	-0.45100E-03
299	5.96000001	-0.35887E-02	-0.43100E-03
300	5.98000001	-0.35805E-02	-0.41100E-03
301	6.00000001	-0.35727E-02	-0.39100E-03
302	6.02000001	-0.35653E-02	-0.37100E-03
303	6.04000001	-0.35582E-02	-0.35100E-03
304	6.06000001	-0.35516E-02	-0.33100E-03
305	6.08000001	-0.35454E-02	-0.31100E-03
306	6.10000001	-0.35396E-02	-0.29100E-03
307	6.12000001	-0.35342E-02	-0.27100E-03
308	6.14000001	-0.35291E-02	-0.25100E-03
309	6.16000001	-0.35245E-02	-0.23100E-03
310	6.18000001	-0.35202E-02	-0.21800E-03
311	6.20000001	-0.35159E-02	-0.21100E-03
312	6.22000001	-0.35118E-02	-0.20500E-03
313	6.24000001	-0.35079E-02	-0.19800E-03
314	6.26000001	-0.35041E-02	-0.19100E-03
315	6.28000001	-0.35004E-02	-0.18500E-03
316	6.30000001	-0.34968E-02	-0.17800E-03
317	6.32000001	-0.34934E-02	-0.17200E-03
318	6.34000001	-0.34901E-02	-0.16500E-03
319	6.36000001	-0.34869E-02	-0.15800E-03
320	6.38000001	-0.34839E-02	-0.15200E-03
321	6.40000001	-0.34810E-02	-0.14500E-03
322	6.42000001	-0.34782E-02	-0.13900E-03
323	6.44000001	-0.34755E-02	-0.13200E-03
324	6.46000001	-0.34730E-02	-0.12600E-03
325	6.48000001	-0.34706E-02	-0.11900E-03

326	6.5000001	-0.34684E-02	-0.11200E-03
327	6.5200001	-0.34663E-02	-0.10600E-03
328	6.5400001	-0.34643E-02	-0.99300E-04
329	6.5600001	-0.34624E-02	-0.92700E-04
330	6.5800001	-0.34607E-02	-0.86100E-04
331	6.6000001	-0.34591E-02	-0.79500E-04
332	6.6200001	-0.34577E-02	-0.72900E-04
333	6.6400001	-0.34564E-02	-0.66400E-04
334	6.6600001	-0.34549E-02	-0.71100E-04
335	6.6800001	-0.34534E-02	-0.75900E-04
336	6.7000001	-0.34518E-02	-0.80600E-04
337	6.7200001	-0.34501E-02	-0.85400E-04
338	6.7400001	-0.34483E-02	-0.90100E-04
339	6.7600001	-0.34464E-02	-0.94900E-04
340	6.7800001	-0.34444E-02	-0.99600E-04
341	6.8000001	-0.34423E-02	-0.10400E-03
342	6.8200001	-0.34401E-02	-0.10900E-03
343	6.8400001	-0.34379E-02	-0.11400E-03
344	6.8600001	-0.34355E-02	-0.11900E-03
345	6.8800001	-0.34330E-02	-0.12300E-03
346	6.9000001	-0.34305E-02	-0.12800E-03
347	6.9200001	-0.34278E-02	-0.13300E-03
348	6.9400001	-0.34250E-02	-0.13800E-03
349	6.9600001	-0.34222E-02	-0.14200E-03
350	6.9800001	-0.34193E-02	-0.14700E-03
351	7.0000001	-0.34162E-02	-0.15200E-03
352	7.0200001	-0.34131E-02	-0.15700E-03
353	7.0400001	-0.34099E-02	-0.16100E-03
354	7.0600001	-0.34065E-02	-0.16600E-03
355	7.0800001	-0.34031E-02	-0.17100E-03
356	7.1000001	-0.33996E-02	-0.17600E-03
357	7.1200001	-0.33960E-02	-0.18000E-03
358	7.1400001	-0.33923E-02	-0.18500E-03
359	7.1600001	-0.33885E-02	-0.19000E-03
360	7.1800001	-0.33846E-02	-0.19500E-03
361	7.2000001	-0.33806E-02	-0.20000E-03
362	7.2200001	-0.33765E-02	-0.20400E-03
363	7.2400001	-0.33723E-02	-0.20900E-03
364	7.2600001	-0.33681E-02	-0.21400E-03
365	7.2800001	-0.33637E-02	-0.21900E-03
366	7.3000001	-0.33592E-02	-0.22300E-03
367	7.3200001	-0.33547E-02	-0.22800E-03
368	7.3400001	-0.33500E-02	-0.23300E-03
369	7.3600001	-0.33452E-02	-0.23800E-03
370	7.3800001	-0.33404E-02	-0.24200E-03
371	7.4000001	-0.33355E-02	-0.24700E-03
372	7.4200001	-0.33304E-02	-0.25200E-03
373	7.4400001	-0.33253E-02	-0.25700E-03
374	7.4600001	-0.33201E-02	-0.26100E-03
375	7.4800001	-0.33147E-02	-0.26600E-03
376	7.5000001	-0.33093E-02	-0.27100E-03
377	7.5200001	-0.33038E-02	-0.27600E-03
378	7.5400001	-0.32982E-02	-0.28000E-03
379	7.5600001	-0.32925E-02	-0.28500E-03
380	7.5800001	-0.32867E-02	-0.29000E-03
381	7.6000001	-0.32808E-02	-0.29500E-03
382	7.6200001	-0.32748E-02	-0.29900E-03
383	7.6400001	-0.32687E-02	-0.30400E-03
384	7.6600001	-0.32626E-02	-0.30900E-03
385	7.6800001	-0.32563E-02	-0.31400E-03
386	7.7000001	-0.32499E-02	-0.31800E-03
387	7.7200001	-0.32435E-02	-0.32300E-03
388	7.7400001	-0.32369E-02	-0.32800E-03
389	7.7600001	-0.32302E-02	-0.33300E-03
390	7.7800001	-0.32235E-02	-0.33700E-03
391	7.8000001	-0.32167E-02	-0.34200E-03

392	7.8200001	-0.32097E-02	-0.34700E-03
393	7.8400001	-0.32027E-02	-0.35200E-03
394	7.8600001	-0.31956E-02	-0.35600E-03
395	7.8800001	-0.31883E-02	-0.36100E-03
396	7.9000001	-0.31810E-02	-0.36600E-03
397	7.9200001	-0.31736E-02	-0.37100E-03
398	7.9400001	-0.31661E-02	-0.37500E-03
399	7.9600001	-0.31585E-02	-0.38000E-03
400	7.9800001	-0.31508E-02	-0.38500E-03
401	8.0000001	-0.31430E-02	-0.39000E-03
402	8.0200001	-0.31351E-02	-0.39400E-03
403	8.0400001	-0.31271E-02	-0.39900E-03
404	8.0600001	-0.31191E-02	-0.40400E-03
405	8.0800001	-0.31109E-02	-0.40900E-03
406	8.1000001	-0.31026E-02	-0.41400E-03
407	8.1200001	-0.30942E-02	-0.41800E-03
408	8.1400001	-0.30858E-02	-0.42300E-03
409	8.1600001	-0.30772E-02	-0.42800E-03
410	8.1800001	-0.30686E-02	-0.43300E-03
411	8.2000001	-0.30598E-02	-0.43700E-03
412	8.2200001	-0.30510E-02	-0.44200E-03
413	8.2400001	-0.30420E-02	-0.44700E-03
414	8.2600001	-0.30330E-02	-0.45200E-03
415	8.2800001	-0.30239E-02	-0.45600E-03
416	8.3000001	-0.30147E-02	-0.46100E-03
417	8.3200001	-0.30053E-02	-0.46600E-03
418	8.3400001	-0.29959E-02	-0.47100E-03
419	8.3600001	-0.29864E-02	-0.47500E-03
420	8.3800001	-0.29768E-02	-0.48000E-03
421	8.4000001	-0.29671E-02	-0.48500E-03
422	8.4200001	-0.29573E-02	-0.49000E-03
423	8.4400001	-0.29474E-02	-0.49400E-03
424	8.4600001	-0.29375E-02	-0.49900E-03
425	8.4800001	-0.29274E-02	-0.50400E-03
426	8.5000001	-0.29172E-02	-0.50900E-03
427	8.5200001	-0.29069E-02	-0.51300E-03
428	8.5400001	-0.28966E-02	-0.51800E-03
429	8.5600001	-0.28861E-02	-0.52300E-03
430	8.5800001	-0.28756E-02	-0.52800E-03
431	8.6000001	-0.28649E-02	-0.53200E-03
432	8.6200001	-0.28542E-02	-0.53700E-03
433	8.6400001	-0.28433E-02	-0.54200E-03
434	8.6600001	-0.28324E-02	-0.54700E-03
435	8.6800001	-0.28214E-02	-0.55100E-03
436	8.7000001	-0.28103E-02	-0.55600E-03
437	8.7200001	-0.27990E-02	-0.56100E-03
438	8.7400001	-0.27877E-02	-0.56600E-03
439	8.7600001	-0.27763E-02	-0.57000E-03
440	8.7800001	-0.27648E-02	-0.57500E-03
441	8.8000001	-0.27532E-02	-0.58000E-03
442	8.8200001	-0.27415E-02	-0.58500E-03
443	8.8400001	-0.27297E-02	-0.58900E-03
444	8.8600001	-0.27179E-02	-0.59400E-03
445	8.8800001	-0.27059E-02	-0.59900E-03
446	8.9000001	-0.26938E-02	-0.60400E-03
447	8.9200001	-0.26816E-02	-0.60800E-03
448	8.9400001	-0.26694E-02	-0.61300E-03
449	8.9600001	-0.26570E-02	-0.61800E-03
450	8.9800001	-0.26446E-02	-0.62300E-03
451	9.0000001	-0.26320E-02	-0.62800E-03
452	9.0200001	-0.26194E-02	-0.63200E-03
453	9.0400001	-0.26066E-02	-0.63700E-03
454	9.0600001	-0.25938E-02	-0.64200E-03
455	9.0800001	-0.25808E-02	-0.64700E-03
456	9.1000001	-0.25678E-02	-0.65100E-03
457	9.1200001	-0.25547E-02	-0.65600E-03

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458	9.14000001	-0.25415E-02	-0.66100E-03	
459	9.16000001	-0.25282E-02	-0.66600E-03	
460	9.18000001	-0.25148E-02	-0.67000E-03	
461	9.20000001	-0.25013E-02	-0.67500E-03	
462	9.22000001	-0.24877E-02	-0.68000E-03	
463	9.24000001	-0.24740E-02	-0.68500E-03	
464	9.26000001	-0.24602E-02	-0.68900E-03	
465	9.28000001	-0.24463E-02	-0.69400E-03	
466	9.30000001	-0.24323E-02	-0.69900E-03	
467	9.32000001	-0.24182E-02	-0.70400E-03	
468	9.34000001	-0.24041E-02	-0.70800E-03	
469	9.36000001	-0.23898E-02	-0.71300E-03	
470	9.38000001	-0.23755E-02	-0.71800E-03	
471	9.40000001	-0.23610E-02	-0.72300E-03	
472	9.42000001	-0.23465E-02	-0.72700E-03	
473	9.44000001	-0.23318E-02	-0.73200E-03	
474	9.46000001	-0.23171E-02	-0.73700E-03	
475	9.48000001	-0.23022E-02	-0.74200E-03	
476	9.50000001	-0.22873E-02	-0.74600E-03	
477	9.52000001	-0.22723E-02	-0.75100E-03	
478	9.54000001	-0.22572E-02	-0.75600E-03	
479	9.56000001	-0.22420E-02	-0.76100E-03	
480	9.58000001	-0.22267E-02	-0.76500E-03	
481	9.60000001	-0.22113E-02	-0.77000E-03	
482	9.62000001	-0.21958E-02	-0.77500E-03	
483	9.64000001	-0.21802E-02	-0.78000E-03	
484	9.66000001	-0.21645E-02	-0.78400E-03	
485	9.68000001	-0.21487E-02	-0.78900E-03	
486	9.70000001	-0.21328E-02	-0.79400E-03	
487	9.72000001	-0.21168E-02	-0.79900E-03	
488	9.74000001	-0.21008E-02	-0.80300E-03	
489	9.76000001	-0.20846E-02	-0.80800E-03	
490	9.78000001	-0.20684E-02	-0.81300E-03	
491	9.80000001	-0.20520E-02	-0.81800E-03	
492	9.82000001	-0.20356E-02	-0.82200E-03	
493	9.84000001	-0.20190E-02	-0.82700E-03	
494	9.86000001	-0.20024E-02	-0.83200E-03	
495	9.88000001	-0.19856E-02	-0.83700E-03	
496	9.90000001	-0.19688E-02	-0.84200E-03	
497	9.92000001	-0.19519E-02	-0.84600E-03	
498	9.94000001	-0.19349E-02	-0.85100E-03	
499	9.96000001	-0.19177E-02	-0.85600E-03	
500	9.98000001	-0.19005E-02	-0.86100E-03	
501	10.00000001	-0.18832E-02	-0.86500E-03	
502	10.02000001	-0.18658E-02	-0.87000E-03	
503	10.04000001	-0.18483E-02	-0.87500E-03	
504	10.06000001	-0.18307E-02	-0.88000E-03	
505	10.08000001	-0.18130E-02	-0.88400E-03	
506	10.10000001	-0.17953E-02	-0.88900E-03	
507	10.12000001	-0.17774E-02	-0.89400E-03	
508	10.14000001	-0.17594E-02	-0.89900E-03	
509	10.16000001	-0.17413E-02	-0.90300E-03	
510	10.18000001	-0.17232E-02	-0.90800E-03	
511	10.20000001	-0.17049E-02	-0.91300E-03	
512	10.22000001	-0.16866E-02	-0.91800E-03	
513	10.24000001	-0.16681E-02	-0.92200E-03	
514	10.26000001	-0.16496E-02	-0.92700E-03	
515	10.28000001	-0.16309E-02	-0.93200E-03	
516	10.30000001	-0.16122E-02	-0.93700E-03	
517	10.32000001	-0.15934E-02	-0.94100E-03	
518	10.34000001	-0.15745E-02	-0.94600E-03	
519	10.36000001	-0.15554E-02	-0.95100E-03	
520	10.38000001	-0.15363E-02	-0.95600E-03	
521	10.40000001	-0.15171E-02	-0.96000E-03	
522	10.42000001	-0.14978E-02	-0.96500E-03	
523	10.44000001	-0.14784E-02	-0.97000E-03	

524	10.4600001	-0.14589E-02	-0.97500E-03
525	10.4800001	-0.14393E-02	-0.97900E-03
526	10.5000001	-0.14197E-02	-0.98400E-03
527	10.5200001	-0.13999E-02	-0.98900E-03
528	10.5400001	-0.13800E-02	-0.99400E-03
529	10.5600001	-0.13600E-02	-0.99800E-03
530	10.5800001	-0.13400E-02	-0.10000E-02
531	10.6000001	-0.13198E-02	-0.10100E-02
532	10.6200001	-0.12996E-02	-0.10100E-02
533	10.6400001	-0.12792E-02	-0.10200E-02
534	10.6600001	-0.12588E-02	-0.10200E-02
535	10.6800001	-0.12382E-02	-0.10300E-02
536	10.7000001	-0.12176E-02	-0.10300E-02
537	10.7200001	-0.11968E-02	-0.10400E-02
538	10.7400001	-0.11760E-02	-0.10400E-02
539	10.7600001	-0.11550E-02	-0.10500E-02
540	10.7800001	-0.11340E-02	-0.10500E-02
541	10.8000001	-0.11128E-02	-0.10600E-02
542	10.8200001	-0.10916E-02	-0.10600E-02
543	10.8400001	-0.10702E-02	-0.10700E-02
544	10.8600001	-0.10488E-02	-0.10700E-02
545	10.8800001	-0.10274E-02	-0.10700E-02
546	10.9000001	-0.10058E-02	-0.10800E-02
547	10.9200001	-0.98424E-03	-0.10800E-02
548	10.9400001	-0.96244E-03	-0.10900E-02
549	10.9600001	-0.94064E-03	-0.10900E-02
550	10.9800001	-0.91864E-03	-0.11000E-02
551	11.0000001	-0.89664E-03	-0.11000E-02
552	11.0200001	-0.87444E-03	-0.11100E-02
553	11.0400001	-0.85224E-03	-0.11100E-02
554	11.0600001	-0.82984E-03	-0.11200E-02
555	11.0800001	-0.80744E-03	-0.11200E-02
556	11.1000001	-0.78484E-03	-0.11300E-02
557	11.1200001	-0.76224E-03	-0.11300E-02
558	11.1400001	-0.73944E-03	-0.11400E-02
559	11.1600001	-0.71664E-03	-0.11400E-02
560	11.1800001	-0.69364E-03	-0.11500E-02
561	11.2000001	-0.67064E-03	-0.11500E-02
562	11.2200001	-0.64744E-03	-0.11600E-02
563	11.2400001	-0.62424E-03	-0.11600E-02
564	11.2600001	-0.60104E-03	-0.11600E-02
565	11.2800001	-0.57764E-03	-0.11700E-02
566	11.3000001	-0.55424E-03	-0.11700E-02
567	11.3200001	-0.53064E-03	-0.11800E-02
568	11.3400001	-0.50704E-03	-0.11800E-02
569	11.3600001	-0.48324E-03	-0.11900E-02
570	11.3800001	-0.45944E-03	-0.11900E-02
571	11.4000001	-0.43544E-03	-0.12000E-02
572	11.4200001	-0.41144E-03	-0.12000E-02
573	11.4400001	-0.38724E-03	-0.12100E-02
574	11.4600001	-0.36304E-03	-0.12100E-02
575	11.4800001	-0.33864E-03	-0.12200E-02
576	11.5000001	-0.31424E-03	-0.12200E-02
577	11.5200001	-0.28964E-03	-0.12300E-02
578	11.5400001	-0.26504E-03	-0.12300E-02
579	11.5600001	-0.24024E-03	-0.12400E-02
580	11.5800001	-0.21544E-03	-0.12400E-02
581	11.6000001	-0.19044E-03	-0.12500E-02
582	11.6200001	-0.16544E-03	-0.12500E-02
583	11.6400001	-0.14024E-03	-0.12600E-02
584	11.6600001	-0.11504E-03	-0.12600E-02
585	11.6800001	-0.89839E-04	-0.12600E-02
586	11.7000001	-0.64439E-04	-0.12700E-02
587	11.7200001	-0.39039E-04	-0.12700E-02
588	11.7400001	-0.13439E-04	-0.12800E-02
589	11.7600001	-0.13439E-04	0.00000E+00

590	11.7800001	0.000000E+00	0.000000E+00
591	11.8000001	0.000000E+00	0.000000E+00
592	11.8200001	0.000000E+00	0.000000E+00
593	11.8400001	0.000000E+00	0.000000E+00
594	11.8600001	0.000000E+00	0.000000E+00
595	11.8800001	0.000000E+00	0.000000E+00
596	11.9000001	0.000000E+00	0.000000E+00
597	11.9200001	0.000000E+00	0.000000E+00
598	11.9400001	0.000000E+00	0.000000E+00
599	11.9600001	0.000000E+00	0.000000E+00
600	11.9800001	0.000000E+00	0.000000E+00