

N128

latitude	reduced number	regular points	latitude points	
	1	18	512	89.462822
	2	25	512	88.766951
	3	36	512	88.066972
	4	40	512	87.366063
	5	45	512	86.664803
	6	50	512	85.963372
	7	60	512	85.261846
	8	64	512	84.560261
	9	72	512	83.858638
	10	72	512	83.156988
	11	80	512	82.455319
	12	90	512	81.753635
	13	90	512	81.051940
	14	100	512	80.350237
	15	108	512	79.648527
	16	120	512	78.946811
	17	120	512	78.245091
	18	125	512	77.543367
	19	128	512	76.841640
	20	144	512	76.139910
	21	144	512	75.438177
	22	150	512	74.736443
	23	160	512	74.034707
	24	160	512	73.332970
	25	180	512	72.631231
	26	180	512	71.929491
	27	180	512	71.227750
	28	192	512	70.526008
	29	192	512	69.824265
	30	200	512	69.122522
	31	216	512	68.420777
	32	216	512	67.719033
	33	216	512	67.017287
	34	225	512	66.315541
	35	240	512	65.613795
	36	240	512	64.912048
	37	240	512	64.210301
	38	250	512	63.508554
	39	250	512	62.806806
	40	256	512	62.105058
	41	270	512	61.403309
	42	270	512	60.701560
	43	288	512	59.999811
	44	288	512	59.298062
	45	288	512	58.596313
	46	300	512	57.894563
	47	300	512	57.192814
	48	320	512	56.491064
	49	320	512	55.789314
	50	320	512	55.087563
	51	320	512	54.385813
	52	324	512	53.684062
	53	360	512	52.982312
	54	360	512	52.280561
	55	360	512	51.578810
	56	360	512	50.877059
	57	360	512	50.175308
	58	360	512	49.473557
	59	360	512	48.771806
	60	375	512	48.070054
	61	375	512	47.368303
	62	375	512	46.666551
	63	375	512	45.964800
	64	384	512	45.263048
	65	384	512	44.561296
	66	400	512	43.859545
	67	400	512	43.157793
	68	400	512	42.456041
	69	400	512	41.754289
	70	405	512	41.052537
	71	432	512	40.350785
	72	432	512	39.649033
	73	432	512	38.947280
	74	432	512	38.245528
	75	432	512	37.543776
	76	432	512	36.842024
	77	432	512	36.140271

78	450	512	35.438519
79	450	512	34.736767
80	450	512	34.035014
81	450	512	33.333262
82	450	512	32.631509
83	480	512	31.929757
84	480	512	31.228004
85	480	512	30.526252
86	480	512	29.824499
87	480	512	29.122746
88	480	512	28.420994
89	480	512	27.719241
90	480	512	27.017488
91	480	512	26.315736
92	480	512	25.613983
93	486	512	24.912230
94	486	512	24.210477
95	486	512	23.508725
96	500	512	22.806972
97	500	512	22.105219
98	500	512	21.403466
99	500	512	20.701713
100	500	512	19.999960
101	500	512	19.298207
102	500	512	18.596455
103	512	512	17.894702
104	512	512	17.192949
105	512	512	16.491196
106	512	512	15.789443
107	512	512	15.087690
108	512	512	14.385937
109	512	512	13.684184
110	512	512	12.982431
111	512	512	12.280678
112	512	512	11.578925
113	512	512	10.877172
114	512	512	10.175419
115	512	512	9.473666
116	512	512	8.771913
117	512	512	8.070160
118	512	512	7.368407
119	512	512	6.666654
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121	512	512	5.263148
122	512	512	4.561395
123	512	512	3.859642
124	512	512	3.157889
125	512	512	2.456136
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127	512	512	1.052630
128	512	512	0.350877
129	512	512	-0.350877
130	512	512	-1.052630
131	512	512	-1.754383
132	512	512	-2.456136
133	512	512	-3.157889
134	512	512	-3.859642
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139	512	512	-7.368407
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141	512	512	-8.771913
142	512	512	-9.473666
143	512	512	-10.175419
144	512	512	-10.877172
145	512	512	-11.578925
146	512	512	-12.280678
147	512	512	-12.982431
148	512	512	-13.684184
149	512	512	-14.385937
150	512	512	-15.087690
151	512	512	-15.789443
152	512	512	-16.491196
153	512	512	-17.192949
154	512	512	-17.894702
155	500	512	-18.596455
156	500	512	-19.298207
157	500	512	-19.999960
158	500	512	-20.701713
159	500	512	-21.403466
160	500	512	-22.105219
161	500	512	-22.806972

162	486	512	-23.508725
163	486	512	-24.210477
164	486	512	-24.912230
165	480	512	-25.613983
166	480	512	-26.315736
167	480	512	-27.017488
168	480	512	-27.719241
169	480	512	-28.420994
170	480	512	-29.122746
171	480	512	-29.824499
172	480	512	-30.526252
173	480	512	-31.228004
174	480	512	-31.929757
175	450	512	-32.631509
176	450	512	-33.333262
177	450	512	-34.035014
178	450	512	-34.736767
179	450	512	-35.438519
180	432	512	-36.140271
181	432	512	-36.842024
182	432	512	-37.543776
183	432	512	-38.245528
184	432	512	-38.947280
185	432	512	-39.649033
186	432	512	-40.350785
187	405	512	-41.052537
188	400	512	-41.754289
189	400	512	-42.456041
190	400	512	-43.157793
191	400	512	-43.859545
192	384	512	-44.561296
193	384	512	-45.263048
194	375	512	-45.964800
195	375	512	-46.666551
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197	375	512	-48.070054
198	360	512	-48.771806
199	360	512	-49.473557
200	360	512	-50.175308
201	360	512	-50.877059
202	360	512	-51.578810
203	360	512	-52.280561
204	360	512	-52.982312
205	324	512	-53.684062
206	320	512	-54.385813
207	320	512	-55.087563
208	320	512	-55.789314
209	320	512	-56.491064
210	300	512	-57.192814
211	300	512	-57.894563
212	288	512	-58.596313
213	288	512	-59.298062
214	288	512	-59.999811
215	270	512	-60.701560
216	270	512	-61.403309
217	256	512	-62.105058
218	250	512	-62.806806
219	250	512	-63.508554
220	240	512	-64.210301
221	240	512	-64.912048
222	240	512	-65.613795
223	225	512	-66.315541
224	216	512	-67.017287
225	216	512	-67.719033
226	216	512	-68.420777
227	200	512	-69.122522
228	192	512	-69.824265
229	192	512	-70.526008
230	180	512	-71.227750
231	180	512	-71.929491
232	180	512	-72.631231
233	160	512	-73.332970
234	160	512	-74.034707
235	150	512	-74.736443
236	144	512	-75.438177
237	144	512	-76.139910
238	128	512	-76.841640
239	125	512	-77.543367
240	120	512	-78.245091
241	120	512	-78.946811
242	108	512	-79.648527
243	100	512	-80.350237
244	90	512	-81.051940
245	90	512	-81.753635

246	80	512	-82.455319
247	72	512	-83.156988
248	72	512	-83.858638
249	64	512	-84.560261
250	60	512	-85.261846
251	50	512	-85.963372
252	45	512	-86.664803
253	40	512	-87.366063
254	36	512	-88.066972
255	25	512	-88.766951
256	18	512	-89.462822