

TWENTIETH CONGRESS OF THE)
REPUBLIC OF THE PHILIPPINES)
First Regular Session)



House Bill No. 2406

Introduced by Representative ROMMEL RICO T. ANGARA

AN ACT ESTABLISHING AURORA MEMORIAL PROTECTED LANDSCAPE IN THE MUNICIPALITIES OF MARIA AURORA AND SAN LUIS ALL IN THE PROVINCE OF AURORA AND IN THE MUNICIPALITY OF BONGABON, NUEVA ECIJA AS A PROTECTED AREA, PROVIDING FOR ITS MANAGEMENT, AND FOR OTHER PURPOSES

EXPLANATORY NOTE

Aurora Memorial National Park is a part of the State's National Integrated Protected Areas System. Cognizant of its economic, aesthetic and environmental values of the ecosystem, particularly its crucial watershed function with the presence of springs and rivers that provide potable water to adjacent localities, the diversity of its forest ecosystem that serves as home to amphibians, reptiles, birds specially the endangered Philippine eagle; as well as its abundant flora dominated by dipterocarps spp., presence of the famous rafflesia, pitcher plants and the different species of orchids; it is imperative that the protection, preservation and conservation of Aurora Memorial National Park be declared a national policy in accordance with Republic Act No. 11038 or the Expanded National Integrated Protected Areas System (eNIPAS) Act of 2018 and international conventions to which the Philippines is a signatory.

Pursuant to the above policy and as provided herein, Aurora Memorial National Park with boundaries as described hereunder, is hereby declared and established a protected area under the category of a protected landscape to be known as the Aurora Memorial Protected Landscape (AMPL).

In view of the foregoing, immediate passage of this bill is earnestly requested.


ROMMEL RICO T. ANGARA
Representative, Lone District of Aurora

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MUNICIPALITIES OF MARIA AURORA AND SAN LUIS ALL IN THE PROVINCE OF
AURORA AND IN THE MUNICIPALITY OF BONGABON, NUEVA ECIJA AS A
PROTECTED AREA, PROVIDING FOR ITS MANAGEMENT, AND FOR OTHER
PURPOSES

Be it enacted by the Senate and House of Representatives of the Philippines in Congress
assembled:

Article I

TITLE, POLICIES AND SCOPE

SECTION 1. Title. This Act shall be known and referred to as the AURORA MEMORIAL
PROTECTED LANDSCAPE Act of 2025.

SECTION 2. Declaration of Policy. - Considering the importance of Aurora Memorial National
Park's unique biological resources and its ecological, historical, sociocultural and aesthetic
importance, it is the duty of the State to undertake steps for its protection and preservation. It is hereby
declared the policy of the State to secure the protection and conservation of the Aurora Memorial
National Park in accordance with Republic Act No. 11038 or the Expanded National Integrated
Protected Areas System Act of 2018 (eNIPAS Act) and international conventions to which the
Philippines is a signatory.

SECTION 3. Category. Given the physical, natural features, sociocultural and economic importance
that contribute to its valuable role as life support system for the people, Aurora Memorial National
Park, with boundaries as described below is hereby declared a protected area under the category of
a protected landscape, to be known as the Aurora Memorial Protected Landscape (AMPL).

SECTION 4. Scope and Coverage. – The Aurora Memorial Protected Landscape (AMPL)
protected area shall cover parcels of land located in the municipalities of Maria Aurora and San
Luis within the province of Aurora; and the municipality of Bongabon in the province of Nueva
Ecija containing an area of approximately forty thousand five hundred fifty-three (40,553)
hectares, with the following technical description, subject to ground survey:

Geographic Coordinates: UTM Luzon		
CORNER	LONGITUDE	LATITUDE
1	121° 33' 9.591" E	15° 41' 26.758" N
2	121° 33' 12.551" E	15° 41' 31.057" N
3	121° 33' 10.721" E	15° 41' 33.919" N
4	121° 33' 12.131" E	15° 41' 38.131" N
5	121° 33' 15.355" E	15° 41' 47.758" N
6	121° 33' 13.614" E	15° 41' 58.432" N
7	121° 33' 13.688" E	15° 42' 2.770" N
8	121° 33' 13.797" E	15° 42' 9.139" N
9	121° 33' 19.039" E	15° 42' 15.442" N
10	121° 33' 24.868" E	15° 42' 22.362" N
11	121° 33' 31.067" E	15° 42' 30.719" N
12	121° 33' 36.477" E	15° 42' 37.227" N
13	121° 33' 42.971" E	15° 42' 45.873" N
14	121° 33' 35.395" E	15° 43' 4.831" N
15	121° 33' 35.016" E	15° 43' 10.604" N
16	121° 33' 39.568" E	15° 43' 18.704" N
17	121° 33' 43.832" E	15° 43' 25.778" N
18	121° 33' 48.470" E	15° 43' 33.879" N
19	121° 33' 53.229" E	15° 43' 42.636" N
20	121° 33' 51.530" E	15° 43' 43.813" N
21	121° 33' 47.643" E	15° 44' 1.636" N
22	121° 34' 14.559" E	15° 44' 6.055" N
23	121° 34' 13.752" E	15° 44' 14.998" N
24	121° 34' 25.041" E	15° 44' 21.443" N
25	121° 35' 12.788" E	15° 44' 28.087" N
26	121° 35' 22.426" E	15° 44' 27.681" N
27	121° 35' 31.877" E	15° 44' 29.712" N
28	121° 35' 32.662" E	15° 44' 22.268" N
29	121° 35' 56.593" E	15° 44' 32.369" N
30	121° 36' 8.916" E	15° 45' 3.017" N
31	121° 36' 23.582" E	15° 44' 56.187" N
32	121° 36' 39.823" E	15° 44' 41.165" N
33	121° 36' 28.736" E	15° 44' 8.359" N
34	121° 36' 46.604" E	15° 43' 43.750" N
35	121° 36' 9.833" E	15° 43' 22.342" N
36	121° 35' 20.959" E	15° 42' 14.699" N
37	121° 35' 24.111" E	15° 41' 53.007" N
38	121° 35' 10.064" E	15° 41' 34.132" N
39	121° 34' 50.207" E	15° 41' 6.423" N
40	121° 34' 49.881" E	15° 40' 48.876" N
41	121° 34' 25.898" E	15° 40' 35.545" N
42	121° 34' 27.678" E	15° 40' 18.691" N
43	121° 34' 22.239" E	15° 40' 7.615" N
44	121° 34' 23.697" E	15° 39' 53.073" N
45	121° 34' 14.164" E	15° 39' 36.711" N
46	121° 33' 57.223" E	15° 39' 29.556" N

47	121° 33' 53.554" E	15° 39' 16.883" N
48	121° 33' 50.050" E	15° 39' 4.781" N
49	121° 33' 47.771" E	15° 38' 22.694" N
50	121° 33' 38.950" E	15° 38' 8.471" N
51	121° 33' 31.026" E	15° 37' 55.692" N
52	121° 33' 18.036" E	15° 37' 56.881" N
53	121° 33' 7.896" E	15° 37' 58.683" N
54	121° 33' 0.996" E	15° 37' 56.689" N
55	121° 32' 52.769" E	15° 37' 54.311" N
56	121° 32' 43.339" E	15° 37' 54.374" N
57	121° 32' 36.333" E	15° 37' 59.017" N
58	121° 32' 43.433" E	15° 38' 5.205" N
59	121° 32' 53.840" E	15° 38' 10.787" N
60	121° 33' 0.579" E	15° 38' 19.442" N
61	121° 32' 56.176" E	15° 38' 29.511" N
62	121° 32' 43.521" E	15° 38' 34.980" N
63	121° 32' 27.899" E	15° 38' 41.731" N
64	121° 32' 25.716" E	15° 38' 55.277" N
65	121° 32' 25.375" E	15° 39' 5.353" N
66	121° 32' 26.420" E	15° 39' 11.024" N
67	121° 32' 29.999" E	15° 39' 20.489" N
68	121° 32' 15.269" E	15° 39' 35.699" N
69	121° 32' 15.041" E	15° 39' 35.215" N
70	121° 31' 59.625" E	15° 39' 13.517" N
71	121° 31' 50.139" E	15° 38' 44.438" N
72	121° 31' 37.245" E	15° 38' 45.365" N
73	121° 31' 13.373" E	15° 38' 58.445" N
74	121° 30' 51.712" E	15° 38' 36.173" N
75	121° 30' 31.553" E	15° 38' 20.524" N
76	121° 30' 3.889" E	15° 38' 9.856" N
77	121° 29' 50.224" E	15° 38' 10.851" N
78	121° 29' 42.302" E	15° 38' 1.129" N
79	121° 29' 16.166" E	15° 37' 59.490" N
80	121° 28' 56.409" E	15° 38' 8.539" N
81	121° 28' 43.783" E	15° 38' 6.226" N
82	121° 28' 33.046" E	15° 37' 58.181" N
83	121° 28' 25.861" E	15° 37' 58.582" N
84	121° 28' 14.952" E	15° 38' 10.869" N
85	121° 28' 5.520" E	15° 38' 20.422" N
86	121° 27' 48.727" E	15° 38' 8.694" N
87	121° 27' 38.792" E	15° 38' 5.882" N
88	121° 27' 30.395" E	15° 38' 0.018" N
89	121° 27' 19.293" E	15° 37' 41.911" N
90	121° 27' 23.689" E	15° 37' 29.092" N
91	121° 27' 22.393" E	15° 37' 9.208" N
92	121° 27' 21.140" E	15° 37' 1.195" N
93	121° 27' 27.501" E	15° 36' 43.674" N
94	121° 27' 35.398" E	15° 36' 35.575" N

95	121° 27' 38.633" E	15° 36' 24.179" N
96	121° 27' 25.639" E	15° 36' 20.436" N
97	121° 27' 9.574" E	15° 36' 15.211" N
98	121° 27' 3.417" E	15° 36' 8.211" N
99	121° 26' 56.675" E	15° 35' 53.143" N
100	121° 26' 49.782" E	15° 35' 48.368" N
101	121° 26' 38.161" E	15° 35' 46.066" N
102	121° 26' 25.821" E	15° 35' 33.871" N
103	121° 26' 22.455" E	15° 35' 18.445" N
104	121° 26' 20.826" E	15° 34' 58.141" N
105	121° 26' 12.886" E	15° 34' 43.632" N
106	121° 26' 7.583" E	15° 34' 35.224" N
107	121° 25' 58.001" E	15° 34' 21.680" N
108	121° 25' 58.100" E	15° 34' 20.766" N
109	121° 25' 58.137" E	15° 33' 51.982" N
110	121° 25' 49.373" E	15° 33' 41.421" N
111	121° 25' 58.395" E	15° 33' 17.863" N
112	121° 25' 25.012" E	15° 32' 29.417" N
113	121° 25' 22.136" E	15° 32' 14.081" N
114	121° 25' 17.554" E	15° 31' 49.643" N
115	121° 24' 30.580" E	15° 30' 41.064" N
116	121° 24' 29.731" E	15° 29' 24.765" N
117	121° 24' 8.151" E	15° 28' 55.293" N
118	121° 24' 0.433" E	15° 28' 2.180" N
119	121° 23' 36.327" E	15° 27' 52.297" N
120	121° 23' 29.019" E	15° 26' 57.648" N
121	121° 23' 54.617" E	15° 26' 1.892" N
122	121° 25' 11.448" E	15° 24' 51.506" N
123	121° 25' 14.079" E	15° 24' 49.683" N
124	121° 25' 12.906" E	15° 24' 49.674" N
125	121° 25' 9.660" E	15° 24' 50.493" N
126	121° 25' 8.007" E	15° 24' 50.764" N
127	121° 25' 6.330" E	15° 24' 50.752" N
128	121° 25' 5.214" E	15° 24' 48.385" N
129	121° 25' 4.090" E	15° 24' 45.319" N
130	121° 25' 2.284" E	15° 24' 42.578" N
131	121° 25' 0.511" E	15° 24' 43.808" N
132	121° 24' 58.010" E	15° 24' 46.657" N
133	121° 24' 55.034" E	15° 24' 47.144" N
134	121° 24' 51.727" E	15° 24' 47.685" N
135	121° 24' 48.709" E	15° 24' 47.766" N
136	121° 24' 45.393" E	15° 24' 48.251" N
137	121° 24' 42.862" E	15° 24' 47.386" N
138	121° 24' 40.939" E	15° 24' 45.129" N
139	121° 24' 39.742" E	15° 24' 43.990" N
140	121° 24' 37.755" E	15° 24' 40.594" N
141	121° 24' 36.900" E	15° 24' 39.591" N
142	121° 24' 34.563" E	15° 24' 38.313" N

143	121° 24' 30.633" E	15° 24' 37.473" N
144	121° 24' 27.716" E	15° 24' 39.079" N
145	121° 24' 25.881" E	15° 24' 40.499" N
146	121° 24' 23.899" E	15° 24' 43.526" N
147	121° 24' 22.644" E	15° 24' 45.443" N
148	121° 24' 20.888" E	15° 24' 48.590" N
149	121° 24' 20.109" E	15° 24' 51.755" N
150	121° 24' 16.559" E	15° 24' 55.659" N
151	121° 24' 19.451" E	15° 24' 57.306" N
152	121° 24' 20.009" E	15° 25' 0.515" N
153	121° 24' 21.133" E	15° 25' 3.580" N
154	121° 24' 21.323" E	15° 25' 5.883" N
155	121° 24' 22.053" E	15° 25' 9.059" N
156	121° 24' 23.989" E	15° 25' 10.716" N
157	121° 24' 25.103" E	15° 25' 14.128" N
158	121° 24' 22.929" E	15° 25' 16.605" N
159	121° 24' 21.161" E	15° 25' 18.295" N
160	121° 24' 18.188" E	15° 25' 20.679" N
161	121° 24' 16.754" E	15° 25' 22.049" N
162	121° 24' 17.507" E	15° 25' 24.103" N
163	121° 24' 16.220" E	15° 25' 27.457" N
164	121° 24' 15.496" E	15° 25' 29.693" N
165	121° 24' 16.205" E	15° 25' 31.864" N
166	121° 24' 14.582" E	15° 25' 32.273" N
167	121° 24' 11.821" E	15° 25' 34.120" N
168	121° 24' 10.528" E	15° 25' 35.156" N
169	121° 24' 9.911" E	15° 25' 33.643" N
170	121° 24' 8.987" E	15° 25' 35.001" N
171	121° 24' 8.781" E	15° 25' 37.107" N
172	121° 24' 7.434" E	15° 25' 40.438" N
173	121° 24' 5.044" E	15° 25' 42.722" N
174	121° 24' 3.586" E	15° 25' 43.525" N
175	121° 23' 57.821" E	15° 25' 46.082" N
176	121° 23' 54.822" E	15° 25' 48.487" N
177	121° 23' 53.191" E	15° 25' 48.869" N
178	121° 23' 51.207" E	15° 25' 49.193" N
179	121° 23' 52.315" E	15° 25' 52.057" N
180	121° 23' 52.069" E	15° 25' 53.666" N
181	121° 23' 51.121" E	15° 25' 56.136" N
182	121° 23' 50.675" E	15° 25' 57.704" N
183	121° 23' 49.451" E	15° 26' 0.202" N
184	121° 23' 48.256" E	15° 26' 1.344" N
185	121° 23' 45.995" E	15° 26' 2.745" N
186	121° 23' 45.905" E	15° 26' 2.868" N
187	121° 23' 44.187" E	15° 26' 5.211" N
188	121° 23' 43.186" E	15° 26' 7.450" N
189	121° 23' 41.511" E	15° 26' 7.523" N
190	121° 23' 39.839" E	15° 26' 7.652" N

191	121° 23' 38.338" E	15° 26' 9.361" N
192	121° 23' 36.665" E	15° 26' 9.463" N
193	121° 23' 36.075" E	15° 26' 9.153" N
194	121° 23' 35.916" E	15° 26' 10.773" N
195	121° 23' 35.903" E	15° 26' 12.399" N
196	121° 23' 34.445" E	15° 26' 13.202" N
197	121° 23' 32.605" E	15° 26' 14.961" N
198	121° 23' 31.146" E	15° 26' 15.763" N
199	121° 23' 27.839" E	15° 26' 16.304" N
200	121° 23' 26.011" E	15° 26' 18.797" N
201	121° 23' 27.331" E	15° 26' 21.357" N
202	121° 23' 29.595" E	15° 26' 21.963" N
203	121° 23' 29.862" E	15° 26' 25.207" N
204	121° 23' 28.239" E	15° 26' 25.616" N
205	121° 23' 25.515" E	15° 26' 28.219" N
206	121° 23' 24.320" E	15° 26' 29.361" N
207	121° 23' 25.196" E	15° 26' 31.752" N
208	121° 23' 24.224" E	15° 26' 34.038" N
209	121° 23' 22.816" E	15° 26' 37.703" N
210	121° 23' 22.632" E	15° 26' 38.185" N
211	121° 23' 19.710" E	15° 26' 38.921" N
212	121° 23' 16.528" E	15° 26' 37.109" N
213	121° 23' 14.888" E	15° 26' 35.977" N
214	121° 23' 11.159" E	15° 26' 33.208" N
215	121° 23' 7.329" E	15° 26' 30.043" N
216	121° 23' 4.176" E	15° 26' 27.616" N
217	121° 22' 59.167" E	15° 26' 27.154" N
218	121° 22' 55.691" E	15° 26' 28.353" N
219	121° 22' 51.554" E	15° 26' 27.687" N
220	121° 22' 49.244" E	15° 26' 29.011" N
221	121° 22' 45.231" E	15° 26' 28.709" N
222	121° 22' 41.822" E	15° 26' 29.568" N
223	121° 22' 38.393" E	15° 26' 31.612" N
224	121° 22' 35.399" E	15° 26' 31.233" N
225	121° 22' 32.398" E	15° 26' 33.315" N
226	121° 22' 30.075" E	15° 26' 32.981" N
227	121° 22' 30.035" E	15° 26' 29.077" N
228	121° 22' 27.287" E	15° 26' 33.614" N
229	121° 22' 28.154" E	15° 26' 34.000" N
230	121° 22' 29.126" E	15° 26' 38.885" N
231	121° 22' 29.427" E	15° 26' 40.398" N
232	121° 22' 28.450" E	15° 26' 43.131" N
233	121° 22' 27.869" E	15° 26' 44.757" N
234	121° 22' 27.232" E	15° 26' 46.540" N
235	121° 22' 26.501" E	15° 26' 47.123" N
236	121° 22' 25.755" E	15° 26' 47.723" N
237	121° 22' 22.623" E	15° 26' 48.710" N
238	121° 22' 21.513" E	15° 26' 49.061" N

239	121° 22' 20.942" E	15° 26' 48.700" N
240	121° 22' 18.584" E	15° 26' 47.210" N
241	121° 22' 15.006" E	15° 26' 42.134" N
242	121° 22' 13.920" E	15° 26' 41.805" N
243	121° 22' 12.503" E	15° 26' 41.473" N
244	121° 22' 10.707" E	15° 26' 41.047" N
245	121° 22' 7.056" E	15° 26' 41.514" N
246	121° 22' 6.444" E	15° 26' 41.690" N
247	121° 22' 4.413" E	15° 26' 42.324" N
248	121° 22' 1.298" E	15° 26' 44.314" N
249	121° 22' 1.148" E	15° 26' 44.480" N
250	121° 22' 0.866" E	15° 26' 44.736" N
251	121° 22' 0.499" E	15° 26' 44.832" N
252	121° 21' 59.735" E	15° 26' 44.588" N
253	121° 21' 55.214" E	15° 26' 43.143" N
254	121° 21' 53.753" E	15° 26' 39.114" N
255	121° 21' 53.993" E	15° 26' 38.089" N
256	121° 21' 54.287" E	15° 26' 38.094" N
257	121° 21' 54.827" E	15° 26' 37.285" N
258	121° 21' 54.855" E	15° 26' 37.270" N
259	121° 21' 54.475" E	15° 26' 36.107" N
260	121° 21' 48.484" E	15° 26' 38.602" N
261	121° 22' 3.208" E	15° 27' 24.649" N
262	121° 22' 6.846" E	15° 27' 58.767" N
263	121° 22' 5.896" E	15° 28' 29.408" N
264	121° 21' 57.317" E	15° 29' 22.031" N
265	121° 21' 44.726" E	15° 30' 1.111" N
266	121° 21' 25.621" E	15° 30' 56.419" N
267	121° 20' 56.417" E	15° 32' 23.488" N
268	121° 19' 31.782" E	15° 36' 29.613" N
269	121° 19' 27.794" E	15° 36' 32.091" N
270	121° 19' 25.415" E	15° 36' 36.308" N
271	121° 19' 22.402" E	15° 36' 39.901" N
272	121° 19' 18.976" E	15° 36' 41.734" N
273	121° 19' 13.307" E	15° 36' 44.170" N
274	121° 19' 10.005" E	15° 36' 43.938" N
275	121° 19' 5.332" E	15° 36' 41.836" N
276	121° 19' 1.504" E	15° 36' 40.774" N
277	121° 18' 57.975" E	15° 36' 42.193" N
278	121° 18' 54.982" E	15° 36' 43.203" N
279	121° 18' 49.750" E	15° 36' 44.300" N
280	121° 18' 46.340" E	15° 36' 44.273" N
281	121° 18' 46.320" E	15° 36' 46.649" N
282	121° 18' 46.506" E	15° 36' 49.956" N
283	121° 18' 45.420" E	15° 36' 52.530" N
284	121° 18' 42.315" E	15° 36' 54.159" N
285	121° 18' 40.414" E	15° 36' 51.975" N
286	121° 18' 37.982" E	15° 36' 49.684" N

287	121° 18' 34.998" E	15° 36' 49.558" N
288	121° 18' 33.592" E	15° 36' 52.026" N
289	121° 18' 31.319" E	15° 36' 56.347" N
290	121° 18' 27.689" E	15° 36' 57.043" N
291	121° 18' 24.190" E	15° 36' 54.846" N
292	121° 18' 19.307" E	15° 36' 52.329" N
293	121° 18' 14.082" E	15° 36' 52.599" N
294	121° 18' 9.371" E	15° 36' 55.145" N
295	121° 18' 5.749" E	15° 36' 54.910" N
296	121° 18' 4.500" E	15° 36' 51.285" N
297	121° 18' 3.662" E	15° 36' 49.523" N
298	121° 18' 1.825" E	15° 36' 47.905" N
299	121° 17' 58.712" E	15° 36' 48.398" N
300	121° 17' 53.375" E	15° 36' 49.389" N
301	121° 17' 49.086" E	15° 36' 52.455" N
302	121° 17' 44.801" E	15° 36' 55.090" N
303	121° 17' 41.671" E	15° 36' 57.649" N
304	121° 17' 37.404" E	15° 36' 58.046" N
305	121° 17' 33.154" E	15° 36' 56.463" N
306	121° 17' 29.156" E	15° 36' 56.518" N
307	121° 17' 22.928" E	15° 36' 57.761" N
308	121° 17' 16.974" E	15° 36' 58.145" N
309	121° 17' 14.147" E	15° 36' 56.315" N
310	121° 17' 11.406" E	15° 36' 54.744" N
311	121° 17' 9.982" E	15° 36' 55.078" N
312	121° 17' 8.551" E	15° 36' 56.358" N
313	121° 17' 6.486" E	15° 36' 59.010" N
314	121° 17' 3.543" E	15° 37' 0.365" N
315	121° 17' 0.950" E	15° 37' 2.497" N
316	121° 16' 58.905" E	15° 37' 2.739" N
317	121° 16' 56.403" E	15° 37' 4.441" N
318	121° 16' 51.572" E	15° 37' 8.621" N
319	121° 16' 48.335" E	15° 37' 13.331" N
320	121° 16' 45.658" E	15° 37' 14.859" N
321	121° 16' 32.859" E	15° 37' 25.582" N
322	121° 16' 29.863" E	15° 37' 28.090" N
323	121° 16' 28.742" E	15° 37' 29.763" N
324	121° 16' 28.564" E	15° 37' 31.552" N
325	121° 16' 30.294" E	15° 37' 33.723" N
326	121° 16' 30.427" E	15° 37' 34.452" N
327	121° 16' 29.199" E	15° 37' 36.916" N
328	121° 16' 28.474" E	15° 37' 39.372" N
329	121° 16' 28.098" E	15° 37' 42.523" N
330	121° 16' 26.384" E	15° 37' 45.994" N
331	121° 16' 24.722" E	15° 37' 48.857" N
332	121° 16' 24.538" E	15° 37' 52.055" N
333	121° 16' 24.120" E	15° 37' 55.037" N
334	121° 16' 21.582" E	15° 38' 0.286" N

335	121° 16' 14.535" E	15° 38' 0.469" N
336	121° 16' 10.045" E	15° 37' 52.465" N
337	121° 16' 1.343" E	15° 37' 53.134" N
338	121° 16' 0.327" E	15° 37' 57.247" N
339	121° 15' 50.831" E	15° 37' 53.994" N
340	121° 15' 50.297" E	15° 37' 53.990" N
341	121° 15' 49.969" E	15° 37' 54.251" N
342	121° 15' 49.703" E	15° 37' 54.490" N
343	121° 15' 49.465" E	15° 37' 54.800" N
344	121° 15' 49.302" E	15° 37' 55.126" N
345	121° 15' 49.282" E	15° 37' 55.355" N
346	121° 15' 44.048" E	15° 37' 55.849" N
347	121° 15' 36.686" E	15° 37' 55.795" N
348	121° 15' 28.297" E	15° 37' 55.165" N
349	121° 15' 28.390" E	15° 37' 56.539" N
350	121° 15' 28.326" E	15° 37' 59.927" N
351	121° 15' 28.610" E	15° 38' 3.967" N
352	121° 15' 29.125" E	15° 38' 5.682" N
353	121° 15' 29.895" E	15° 38' 6.475" N
354	121° 15' 30.708" E	15° 38' 7.264" N
355	121° 15' 31.410" E	15° 38' 9.168" N
356	121° 15' 31.731" E	15° 38' 11.831" N
357	121° 15' 32.110" E	15° 38' 13.713" N
358	121° 15' 32.601" E	15° 38' 14.213" N
359	121° 15' 26.581" E	15° 38' 14.963" N
360	121° 15' 20.532" E	15° 38' 14.484" N
361	121° 15' 14.483" E	15° 38' 14.004" N
362	121° 15' 12.891" E	15° 38' 13.878" N
363	121° 15' 6.592" E	15° 38' 16.898" N
364	121° 15' 1.233" E	15° 38' 21.306" N
365	121° 14' 56.436" E	15° 38' 25.394" N
366	121° 14' 52.952" E	15° 38' 23.843" N
367	121° 14' 50.590" E	15° 38' 25.927" N
368	121° 14' 43.958" E	15° 38' 28.181" N
369	121° 14' 41.201" E	15° 38' 29.744" N
370	121° 14' 36.980" E	15° 38' 32.537" N
371	121° 14' 27.396" E	15° 38' 32.589" N
372	121° 14' 21.143" E	15° 38' 28.850" N
373	121° 14' 17.270" E	15° 38' 23.926" N
374	121° 14' 14.747" E	15° 38' 22.589" N
375	121° 14' 9.261" E	15° 38' 25.105" N
376	121° 14' 0.399" E	15° 38' 31.190" N
377	121° 13' 53.731" E	15° 38' 31.905" N
378	121° 13' 46.761" E	15° 38' 32.773" N
379	121° 13' 40.081" E	15° 38' 33.375" N
380	121° 13' 35.962" E	15° 38' 33.888" N
381	121° 13' 29.956" E	15° 38' 34.739" N
382	121° 13' 29.685" E	15° 38' 35.219" N

383	121° 13' 29.665" E	15° 38' 36.137" N
384	121° 13' 29.678" E	15° 38' 37.407" N
385	121° 13' 29.585" E	15° 38' 37.974" N
386	121° 13' 28.922" E	15° 38' 38.936" N
387	121° 13' 28.954" E	15° 38' 39.286" N
388	121° 13' 29.451" E	15° 38' 39.490" N
389	121° 13' 30.641" E	15° 38' 39.183" N
390	121° 13' 31.251" E	15° 38' 39.363" N
391	121° 13' 31.822" E	15° 38' 40.274" N
392	121° 13' 31.987" E	15° 38' 43.395" N
393	121° 13' 32.131" E	15° 38' 45.849" N
394	121° 13' 32.694" E	15° 38' 47.639" N
395	121° 13' 32.903" E	15° 38' 48.894" N
396	121° 13' 34.782" E	15° 38' 51.176" N
397	121° 13' 34.739" E	15° 38' 51.804" N
398	121° 13' 35.951" E	15° 38' 54.050" N
399	121° 13' 37.226" E	15° 38' 55.998" N
400	121° 13' 38.164" E	15° 38' 57.944" N
401	121° 13' 38.984" E	15° 38' 59.173" N
402	121° 13' 39.224" E	15° 38' 59.979" N
403	121° 13' 38.962" E	15° 39' 1.796" N
404	121° 13' 39.319" E	15° 39' 3.260" N
405	121° 13' 40.808" E	15° 39' 5.478" N
406	121° 13' 41.014" E	15° 39' 6.523" N
407	121° 13' 41.004" E	15° 39' 7.776" N
408	121° 13' 41.777" E	15° 39' 9.462" N
409	121° 13' 42.741" E	15° 39' 10.702" N
410	121° 13' 46.810" E	15° 39' 13.627" N
411	121° 13' 49.791" E	15° 39' 17.795" N
412	121° 13' 52.490" E	15° 39' 22.929" N
413	121° 13' 54.708" E	15° 39' 26.346" N
414	121° 13' 57.249" E	15° 39' 28.731" N
415	121° 13' 58.237" E	15° 39' 29.951" N
416	121° 13' 58.513" E	15° 39' 30.989" N
417	121° 13' 58.511" E	15° 39' 32.571" N
418	121° 14' 7.689" E	15° 39' 30.596" N
419	121° 14' 19.942" E	15° 39' 32.578" N
420	121° 14' 26.417" E	15° 39' 31.637" N
421	121° 14' 24.962" E	15° 39' 33.222" N
422	121° 14' 23.686" E	15° 39' 36.245" N
423	121° 14' 29.834" E	15° 39' 37.894" N
424	121° 14' 29.773" E	15° 39' 35.692" N
425	121° 14' 30.621" E	15° 39' 33.651" N
426	121° 14' 32.583" E	15° 39' 33.740" N
427	121° 14' 35.527" E	15° 39' 33.764" N
428	121° 14' 37.792" E	15° 39' 33.782" N
429	121° 14' 39.645" E	15° 39' 33.460" N
430	121° 14' 43.396" E	15° 39' 33.189" N

431	121° 14' 47.578" E	15° 39' 40.595" N
432	121° 14' 49.169" E	15° 39' 42.754" N
433	121° 14' 51.222" E	15° 39' 44.179" N
434	121° 14' 53.281" E	15° 39' 45.010" N
435	121° 14' 57.256" E	15° 39' 45.338" N
436	121° 14' 59.473" E	15° 39' 45.504" N
437	121° 15' 2.610" E	15° 39' 45.529" N
438	121° 15' 9.046" E	15° 39' 48.029" N
439	121° 15' 9.777" E	15° 39' 49.400" N
440	121° 15' 10.891" E	15° 39' 50.675" N
441	121° 15' 13.262" E	15° 39' 52.530" N
442	121° 15' 14.487" E	15° 39' 51.558" N
443	121° 15' 16.055" E	15° 39' 49.193" N
444	121° 15' 16.615" E	15° 39' 46.147" N
445	121° 15' 16.505" E	15° 39' 40.203" N
446	121° 15' 17.125" E	15° 39' 36.331" N
447	121° 15' 18.615" E	15° 39' 33.967" N
448	121° 15' 20.749" E	15° 39' 31.876" N
449	121° 15' 22.599" E	15° 39' 27.674" N
450	121° 15' 25.596" E	15° 39' 23.597" N
451	121° 15' 29.242" E	15° 39' 19.917" N
452	121° 15' 31.898" E	15° 39' 21.454" N
453	121° 15' 33.541" E	15° 39' 27.606" N
454	121° 15' 38.516" E	15° 39' 31.892" N
455	121° 15' 41.466" E	15° 39' 31.630" N
456	121° 15' 44.938" E	15° 39' 30.623" N
457	121° 15' 46.335" E	15° 39' 30.991" N
458	121° 15' 49.515" E	15° 39' 34.121" N
459	121° 15' 52.928" E	15° 39' 33.917" N
460	121° 15' 58.028" E	15° 39' 32.173" N
461	121° 15' 59.575" E	15° 39' 32.256" N
462	121° 16' 1.767" E	15° 39' 34.451" N
463	121° 16' 4.661" E	15° 39' 36.437" N
464	121° 16' 7.894" E	15° 39' 37.640" N
465	121° 16' 10.507" E	15° 39' 38.018" N
466	121° 16' 16.239" E	15° 39' 39.955" N
467	121° 16' 20.932" E	15° 39' 42.521" N
468	121° 16' 23.641" E	15° 39' 42.654" N
469	121° 16' 25.208" E	15° 39' 41.326" N
470	121° 16' 26.993" E	15° 39' 41.563" N
471	121° 16' 30.782" E	15° 39' 43.429" N
472	121° 16' 31.586" E	15° 39' 44.696" N
473	121° 16' 32.629" E	15° 39' 47.169" N
474	121° 16' 33.926" E	15° 39' 49.144" N
475	121° 16' 34.703" E	15° 39' 51.347" N
476	121° 16' 36.544" E	15° 39' 54.792" N
477	121° 16' 38.705" E	15° 39' 58.046" N
478	121° 16' 41.450" E	15° 40' 2.885" N

479	121° 16' 42.107" E	15° 40' 5.606" N
480	121° 16' 43.172" E	15° 40' 6.732" N
481	121° 16' 44.870" E	15° 40' 8.287" N
482	121° 16' 46.491" E	15° 40' 9.572" N
483	121° 16' 47.948" E	15° 40' 11.279" N
484	121° 16' 49.196" E	15° 40' 14.410" N
485	121° 16' 50.097" E	15° 40' 16.075" N
486	121° 16' 51.361" E	15° 40' 17.163" N
487	121° 16' 54.705" E	15° 40' 26.421" N
488	121° 17' 1.739" E	15° 40' 35.121" N
489	121° 17' 9.382" E	15° 40' 43.324" N
490	121° 17' 18.975" E	15° 40' 50.058" N
491	121° 17' 29.341" E	15° 40' 48.273" N
492	121° 17' 35.616" E	15° 40' 41.737" N
493	121° 17' 43.907" E	15° 40' 42.570" N
494	121° 17' 52.789" E	15° 40' 48.805" N
495	121° 17' 53.867" E	15° 40' 47.862" N
496	121° 17' 57.271" E	15° 40' 46.735" N
497	121° 18' 0.952" E	15° 40' 45.515" N
498	121° 18' 3.877" E	15° 40' 44.546" N
499	121° 18' 5.455" E	15° 40' 44.537" N
500	121° 18' 7.666" E	15° 40' 44.899" N
501	121° 18' 9.557" E	15° 40' 45.795" N
502	121° 18' 12.239" E	15° 40' 46.658" N
503	121° 18' 14.289" E	15° 40' 47.441" N
504	121° 18' 17.929" E	15° 40' 49.634" N
505	121° 18' 20.921" E	15° 40' 51.189" N
506	121° 18' 24.172" E	15° 40' 54.969" N
507	121° 18' 27.322" E	15° 40' 56.641" N
508	121° 18' 29.552" E	15° 40' 59.493" N
509	121° 18' 32.205" E	15° 41' 1.525" N
510	121° 18' 35.988" E	15° 41' 3.049" N
511	121° 18' 39.863" E	15° 41' 3.194" N
512	121° 18' 41.716" E	15° 41' 3.898" N
513	121° 18' 43.683" E	15° 41' 5.062" N
514	121° 18' 47.806" E	15° 41' 8.695" N
515	121° 18' 47.739" E	15° 41' 11.952" N
516	121° 18' 48.029" E	15° 41' 12.816" N
517	121° 18' 48.665" E	15° 41' 13.635" N
518	121° 18' 49.929" E	15° 41' 16.231" N
519	121° 18' 50.580" E	15° 41' 18.175" N
520	121° 18' 51.505" E	15° 41' 19.906" N
521	121° 18' 55.306" E	15° 41' 20.606" N
522	121° 18' 56.091" E	15° 41' 21.235" N
523	121° 18' 57.266" E	15° 41' 22.633" N
524	121° 18' 58.394" E	15° 41' 23.695" N
525	121° 19' 0.467" E	15° 41' 24.142" N
526	121° 19' 2.615" E	15° 41' 24.112" N

527	121° 19' 9.428" E	15° 41' 24.586" N
528	121° 19' 17.990" E	15° 41' 24.090" N
529	121° 19' 14.894" E	15° 41' 30.249" N
530	121° 19' 18.629" E	15° 41' 34.634" N
531	121° 19' 19.575" E	15° 41' 43.073" N
532	121° 19' 20.966" E	15° 41' 50.391" N
533	121° 19' 24.568" E	15° 41' 53.369" N
534	121° 19' 24.039" E	15° 41' 54.630" N
535	121° 19' 23.695" E	15° 41' 57.169" N
536	121° 19' 23.201" E	15° 42' 0.403" N
537	121° 19' 22.003" E	15° 42' 8.523" N
538	121° 19' 20.470" E	15° 42' 11.367" N
539	121° 19' 18.471" E	15° 42' 14.137" N
540	121° 19' 15.664" E	15° 42' 16.709" N
541	121° 19' 12.444" E	15° 42' 19.296" N
542	121° 19' 11.522" E	15° 42' 20.606" N
543	121° 19' 11.440" E	15° 42' 23.501" N
544	121° 19' 9.068" E	15° 42' 26.274" N
545	121° 19' 8.509" E	15° 42' 30.233" N
546	121° 19' 9.232" E	15° 42' 34.138" N
547	121° 19' 10.746" E	15° 42' 37.945" N
548	121° 19' 11.627" E	15° 42' 40.040" N
549	121° 19' 12.497" E	15° 42' 45.740" N
550	121° 19' 12.701" E	15° 42' 49.345" N
551	121° 19' 12.784" E	15° 42' 52.374" N
552	121° 19' 12.381" E	15° 42' 55.598" N
553	121° 19' 13.540" E	15° 42' 55.445" N
554	121° 19' 14.722" E	15° 42' 55.012" N
555	121° 19' 16.799" E	15° 42' 53.651" N
556	121° 19' 19.427" E	15° 42' 51.367" N
557	121° 19' 21.458" E	15° 42' 49.357" N
558	121° 19' 22.719" E	15° 42' 48.447" N
559	121° 19' 24.093" E	15° 42' 47.794" N
560	121° 19' 26.909" E	15° 42' 47.411" N
561	121° 19' 28.130" E	15° 42' 46.868" N
562	121° 19' 29.802" E	15° 42' 45.122" N
563	121° 19' 30.756" E	15° 42' 41.697" N
564	121° 19' 31.801" E	15° 42' 39.422" N
565	121° 19' 32.764" E	15° 42' 37.847" N
566	121° 19' 35.525" E	15° 42' 34.922" N
567	121° 19' 37.368" E	15° 42' 33.447" N
568	121° 19' 46.655" E	15° 42' 33.096" N
569	121° 19' 44.272" E	15° 42' 22.960" N
570	121° 19' 48.973" E	15° 42' 15.689" N
571	121° 19' 53.038" E	15° 42' 15.299" N
572	121° 20' 1.961" E	15° 42' 15.015" N
573	121° 20' 10.382" E	15° 42' 14.096" N
574	121° 20' 19.236" E	15° 42' 13.460" N

575	121° 20' 19.628" E	15° 42' 14.463" N
576	121° 20' 19.868" E	15° 42' 15.819" N
577	121° 20' 20.892" E	15° 42' 17.154" N
578	121° 20' 21.699" E	15° 42' 17.566" N
579	121° 20' 22.732" E	15° 42' 17.791" N
580	121° 20' 25.045" E	15° 42' 18.729" N
581	121° 20' 25.872" E	15° 42' 20.171" N
582	121° 20' 26.281" E	15° 42' 21.339" N
583	121° 20' 27.570" E	15° 42' 23.220" N
584	121° 20' 28.837" E	15° 42' 25.082" N
585	121° 20' 29.179" E	15° 42' 26.046" N
586	121° 20' 29.260" E	15° 42' 28.091" N
587	121° 20' 29.421" E	15° 42' 28.932" N
588	121° 20' 30.003" E	15° 42' 29.560" N
589	121° 20' 31.004" E	15° 42' 30.217" N
590	121° 20' 31.530" E	15° 42' 30.871" N
591	121° 20' 31.694" E	15° 42' 31.387" N
592	121° 20' 31.687" E	15° 42' 32.281" N
593	121° 20' 32.324" E	15° 42' 32.908" N
594	121° 20' 33.195" E	15° 42' 32.428" N
595	121° 20' 33.882" E	15° 42' 31.981" N
596	121° 20' 41.637" E	15° 42' 32.672" N
597	121° 20' 46.426" E	15° 42' 32.427" N
598	121° 20' 47.235" E	15° 42' 31.695" N
599	121° 20' 47.493" E	15° 42' 30.965" N
600	121° 20' 47.642" E	15° 42' 29.775" N
601	121° 20' 48.074" E	15° 42' 28.234" N
602	121° 20' 48.587" E	15° 42' 27.019" N
603	121° 20' 49.044" E	15° 42' 25.777" N
604	121° 20' 49.695" E	15° 42' 24.888" N
605	121° 20' 51.456" E	15° 42' 24.847" N
606	121° 20' 51.733" E	15° 42' 25.120" N
607	121° 20' 52.148" E	15° 42' 25.692" N
608	121° 20' 52.531" E	15° 42' 26.751" N
609	121° 20' 53.198" E	15° 42' 27.298" N
610	121° 20' 53.815" E	15° 42' 27.032" N
611	121° 20' 54.601" E	15° 42' 26.025" N
612	121° 21' 1.703" E	15° 42' 26.781" N
613	121° 21' 14.392" E	15° 42' 27.228" N
614	121° 21' 24.103" E	15° 42' 28.285" N
615	121° 21' 34.091" E	15° 42' 30.889" N
616	121° 21' 43.205" E	15° 42' 34.049" N
617	121° 21' 52.459" E	15° 42' 37.772" N
618	121° 22' 4.701" E	15° 42' 39.761" N
619	121° 22' 11.517" E	15° 42' 40.093" N
620	121° 22' 21.286" E	15° 42' 33.842" N
621	121° 22' 27.161" E	15° 42' 33.816" N
622	121° 22' 37.973" E	15° 42' 33.264" N

623	121° 22' 50.910" E	15° 42' 29.987" N
624	121° 23' 1.586" E	15° 42' 28.169" N
625	121° 23' 9.706" E	15° 42' 28.651" N
626	121° 23' 12.445" E	15° 42' 30.779" N
627	121° 23' 18.139" E	15° 42' 26.183" N
628	121° 23' 25.771" E	15° 42' 24.061" N
629	121° 23' 32.757" E	15° 42' 21.162" N
630	121° 23' 40.914" E	15° 42' 16.866" N
631	121° 23' 47.601" E	15° 42' 15.088" N
632	121° 23' 54.056" E	15° 42' 24.410" N
633	121° 24' 6.255" E	15° 42' 22.673" N
634	121° 24' 16.585" E	15° 42' 28.018" N
635	121° 24' 26.006" E	15° 42' 29.070" N
636	121° 24' 26.716" E	15° 42' 27.628" N
637	121° 24' 27.950" E	15° 42' 25.907" N
638	121° 24' 29.133" E	15° 42' 23.969" N
639	121° 24' 29.874" E	15° 42' 22.331" N
640	121° 24' 30.425" E	15° 42' 20.256" N
641	121° 24' 30.891" E	15° 42' 18.632" N
642	121° 24' 31.268" E	15° 42' 17.289" N
643	121° 24' 31.822" E	15° 42' 14.512" N
644	121° 24' 32.137" E	15° 42' 10.591" N
645	121° 24' 32.205" E	15° 42' 7.937" N
646	121° 24' 31.850" E	15° 42' 6.748" N
647	121° 24' 31.804" E	15° 42' 3.153" N
648	121° 24' 31.922" E	15° 41' 59.273" N
649	121° 24' 31.865" E	15° 41' 55.314" N
650	121° 24' 32.026" E	15° 41' 52.739" N
651	121° 24' 33.332" E	15° 41' 50.184" N
652	121° 24' 34.618" E	15° 41' 49.189" N
653	121° 24' 40.033" E	15° 41' 42.922" N
654	121° 24' 53.633" E	15° 41' 30.535" N
655	121° 25' 9.517" E	15° 41' 18.419" N
656	121° 25' 32.431" E	15° 40' 55.871" N
657	121° 24' 52.582" E	15° 40' 32.912" N
658	121° 24' 46.055" E	15° 40' 35.251" N
659	121° 24' 38.459" E	15° 40' 50.623" N
660	121° 24' 32.628" E	15° 40' 53.819" N
661	121° 24' 28.165" E	15° 40' 33.800" N
662	121° 24' 24.795" E	15° 40' 31.611" N
663	121° 24' 24.051" E	15° 40' 31.128" N
664	121° 24' 23.723" E	15° 40' 30.345" N
665	121° 24' 22.151" E	15° 40' 26.597" N
666	121° 24' 27.738" E	15° 40' 20.842" N
667	121° 24' 24.730" E	15° 40' 11.701" N
668	121° 24' 24.730" E	15° 40' 11.701" N
669	121° 24' 30.216" E	15° 40' 7.479" N
670	121° 24' 30.216" E	15° 40' 7.479" N

671	121° 24' 33.799" E	15° 40' 10.376" N
672	121° 24' 36.597" E	15° 40' 12.639" N
673	121° 24' 39.653" E	15° 40' 10.604" N
674	121° 24' 43.936" E	15° 40' 7.749" N
675	121° 24' 50.685" E	15° 40' 10.867" N
676	121° 24' 50.685" E	15° 40' 10.867" N
677	121° 24' 45.283" E	15° 39' 47.176" N
678	121° 24' 50.423" E	15° 39' 46.766" N
679	121° 24' 54.018" E	15° 39' 48.815" N
680	121° 24' 59.942" E	15° 39' 48.967" N
681	121° 25' 6.971" E	15° 39' 52.079" N
682	121° 25' 17.664" E	15° 39' 55.655" N
683	121° 25' 22.873" E	15° 39' 53.233" N
684	121° 25' 27.896" E	15° 39' 53.160" N
685	121° 25' 31.437" E	15° 39' 54.880" N
686	121° 25' 43.002" E	15° 39' 55.182" N
687	121° 25' 49.762" E	15° 39' 56.597" N
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690	121° 26' 53.709" E	15° 41' 3.506" N
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693	121° 26' 49.735" E	15° 40' 45.114" N
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695	121° 26' 50.840" E	15° 40' 39.963" N
696	121° 26' 54.283" E	15° 40' 39.480" N
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698	121° 27' 2.901" E	15° 40' 42.692" N
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701	121° 27' 8.121" E	15° 41' 15.661" N
702	121° 27' 14.872" E	15° 41' 16.885" N
703	121° 27' 19.516" E	15° 41' 16.983" N
704	121° 27' 21.830" E	15° 41' 17.897" N
705	121° 27' 24.870" E	15° 41' 18.769" N
706	121° 27' 27.323" E	15° 41' 17.784" N
707	121° 27' 31.983" E	15° 41' 21.039" N
708	121° 27' 31.925" E	15° 41' 24.404" N
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710	121° 27' 37.896" E	15° 41' 23.839" N
711	121° 27' 39.758" E	15° 41' 26.664" N
712	121° 27' 40.522" E	15° 41' 27.843" N
713	121° 28' 1.551" E	15° 41' 26.076" N
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715	121° 28' 4.123" E	15° 41' 15.445" N
716	121° 28' 8.995" E	15° 41' 10.502" N
717	121° 28' 10.494" E	15° 41' 1.949" N
718	121° 28' 15.725" E	15° 40' 59.534" N

719	121° 28' 16.740" E	15° 40' 55.077" N
720	121° 28' 18.173" E	15° 40' 55.306" N
721	121° 28' 19.917" E	15° 40' 54.440" N
722	121° 28' 21.392" E	15° 40' 49.181" N
723	121° 28' 24.928" E	15° 40' 51.108" N
724	121° 28' 29.070" E	15° 40' 52.747" N
725	121° 28' 31.346" E	15° 40' 51.446" N
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727	121° 28' 34.548" E	15° 40' 57.689" N
728	121° 28' 36.301" E	15° 40' 55.652" N
729	121° 28' 39.483" E	15° 40' 54.357" N
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734	121° 28' 49.766" E	15° 40' 42.974" N
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741	121° 28' 50.537" E	15° 40' 10.191" N
742	121° 28' 51.760" E	15° 40' 8.223" N
743	121° 28' 56.150" E	15° 40' 7.083" N
744	121° 29' 5.289" E	15° 40' 7.109" N
745	121° 29' 19.991" E	15° 40' 10.870" N
746	121° 29' 24.901" E	15° 40' 21.224" N
747	121° 29' 31.965" E	15° 40' 26.140" N
748	121° 29' 30.051" E	15° 40' 29.713" N
749	121° 29' 27.984" E	15° 40' 33.431" N
750	121° 29' 32.576" E	15° 40' 40.772" N
751	121° 29' 32.990" E	15° 40' 46.415" N
752	121° 29' 38.751" E	15° 40' 52.304" N
753	121° 29' 38.837" E	15° 40' 52.640" N
754	121° 29' 39.465" E	15° 40' 55.084" N
755	121° 29' 46.155" E	15° 40' 56.351" N
756	121° 29' 46.583" E	15° 40' 56.112" N
757	121° 29' 52.756" E	15° 40' 52.656" N
758	121° 29' 53.803" E	15° 40' 49.128" N
759	121° 29' 53.092" E	15° 40' 46.578" N
760	121° 29' 53.695" E	15° 40' 44.037" N
761	121° 29' 54.457" E	15° 40' 39.517" N
762	121° 29' 56.048" E	15° 40' 30.105" N
763	121° 29' 56.130" E	15° 40' 23.146" N
764	121° 30' 3.962" E	15° 40' 8.569" N
765	121° 30' 9.220" E	15° 40' 9.904" N
766	121° 30' 17.938" E	15° 40' 11.711" N

767	121° 30' 26.130" E	15° 40' 15.837" N
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770	121° 30' 37.454" E	15° 40' 21.635" N
771	121° 30' 43.505" E	15° 40' 22.443" N
772	121° 30' 44.469" E	15° 40' 22.571" N
773	121° 30' 47.967" E	15° 40' 23.005" N
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776	121° 31' 1.871" E	15° 40' 28.634" N
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782	121° 31' 10.232" E	15° 40' 42.600" N
783	121° 31' 13.759" E	15° 40' 47.573" N
784	121° 31' 22.426" E	15° 40' 48.283" N
785	121° 31' 26.906" E	15° 40' 51.505" N
786	121° 31' 26.906" E	15° 40' 51.505" N
787	121° 31' 26.118" E	15° 40' 58.338" N
788	121° 31' 27.099" E	15° 41' 2.122" N
789	121° 31' 34.350" E	15° 41' 8.130" N
790	121° 31' 32.529" E	15° 41' 18.213" N
791	121° 31' 39.454" E	15° 41' 20.175" N
792	121° 31' 43.982" E	15° 41' 14.724" N
793	121° 32' 0.743" E	15° 41' 14.726" N
794	121° 32' 10.456" E	15° 41' 17.784" N
795	121° 32' 15.121" E	15° 41' 19.797" N
796	121° 32' 20.584" E	15° 41' 20.167" N
797	121° 32' 29.733" E	15° 41' 22.543" N
798	121° 32' 37.101" E	15° 41' 21.451" N
799	121° 32' 45.971" E	15° 41' 23.964" N
800	121° 32' 49.838" E	15° 41' 24.245" N
801	121° 33' 1.453" E	15° 41' 24.894" N

1

2 **SECTION 5. Definition of Terms.** - For purposes of this Act, the following terms shall be defined
3 as follows:

- 4 (a) AMPL refers to Aurora Memorial Protected Landscape;
- 5 (b) LGU refers to any of the local government units within the AMPL;
- 6 (c) PAMB refers to the AMPL Protected Area Management Board;
- 7 (d) PASU refers to the Protected Area Superintendent of AMPL;

- (e) Ecosystem goods and services refer to the multitude of material and nonmaterial provisions and benefits from healthy ecosystems necessary for human sustenance, well-being, and survival including support processes, provisioning and environment regulating services, and cultural resource preservation services;
- (f) Integrated Protected Area Fund (IPAF) refers to the special account established for the purpose of financing projects AMPL and NIPAS;
- (g) Multiple-use zone refers to the area where settlement, traditional and sustainable land use including agriculture, agroforestry, extraction activities, and income generating or livelihood activities may be allowed to the extent prescribed in the AMPL management plan;
- (h) National park refers to the lands of the public domain classified as such in the Constitution which include all areas under the NIPAS, primarily designated for the conservation of native plants and animals, their associated habitats and cultural diversity;
- (i) Protected area occupants refer to persons who are residing, utilizing, and cultivating areas within the protected area. These include private owners, IPs, tenured migrants and informal settlers;
- (j) Protected Area Retained Income Account refers to the trust fund maintained by any protected area and administered by the Protected Area Management Boards (PAMB) created pursuant to this Act representing the seventy-five percent (75%) of revenues generated from the protected area to support its operation and management;
- (k) Protected landscapes refer to areas of national significance which are characterized by the harmonious interaction of man and land and water while providing opportunities for public enjoyment through recreation, tourism, and other economic activities;
- (l) Special Account in the General Fund (SAGF) refers to the trust fund deposited in the national treasury representing the twenty-five percent (25%) of the revenues generated from the operation of individual protected area and earmarked to support the NIPAS:

ARTICLE II

MANAGEMENT, MANAGEMENT PLAN AND ZONING

SECTION 6. Management of the AMPL. – The AMPL shall be under the administrative jurisdiction of the DENR and shall be administered in accordance with the provisions of this Act: Provided, That the identification and management of zones to be established within the AMPL shall be consultative and participatory.

The PAMB shall be responsible for the planning, resource protection and general administration of the AMPL in accordance with the approved management plan.

SECTION 7. Management Plan. – Within one (1) year from the establishment of AMPL, there shall be a management plan formulated for this protected area that shall serve as the basic long-term framework plan for the management of AMPL and guide in the preparation of its annual operations plan and budget.

1 The management plan shall, at the minimum, promote the adoption and implementation of
2 innovative management techniques including, when necessary, zoning, buffer zone management,
3 habitat conservation and rehabilitation, diversity management, community organizing and
4 development, socioeconomic and scientific researches, site-specific policy development, climate
5 change adaptation and mitigation, disaster risk reduction and management, waste sewerage and
6 septic management, and gender and development, among others.

7 The plan shall be harmonized with the respective Comprehensive Land Use Plans (CLUPs) of
8 concerned LGUs required under Republic Act No. 7160 or the ‘Local Government Code of 1991’
9 and other local plans.”

10 **SECTION 8. Zoning.** – Management zones shall be established within the AMPL, giving
11 primary consideration to its protection and conservation. Zoning shall also take into account
12 tenurial and livelihood concerns of communities to ensure the efficient protection of habitats,
13 fragile ecosystems and unique areas.

14 The establishment and management of zones shall involve the communities concerned by
15 undertaking such steps as dialogues, consultations and land and resource-use mapping. Zones
16 shall be demarcated on the ground and indicated on maps with the participation of communities,
17 LGUs and other stakeholders.

18 Multiple-use zones shall be established within the peripheral areas of the AMPL in accordance
19 with the management plan to serve as a social fence, where tenurial and sustainable resource-use
20 rights may be granted to qualified groups and individuals.

21 ARTICLE III

22 INSTITUTIONAL MECHANISMS, ROLES AND FUNCTIONS

23 **SECTION 9. The Protected Area Management Board (PAMB).** – There is hereby created a
24 PAMB, which shall serve as the highest policy-making body of the AMPL. It shall be composed
25 of the following:

26 (a) Regional Executive Director of DENR Region 3, as Chairperson;

27 (b) Governors of the provinces of Aurora and Nueva Ecija or their duly designated representative/s;

28 (c) A Senator of the Republic of the Philippines who is a duly registered resident of the province
29 of Aurora and/or Nueva Ecija or a duly authorized representative, unless the Senator declines
30 membership in the PAMB;

31 (d) District Representative/s of the Congressional district/s where AMPL is located or their duly
32 designated representative/s, unless the District Representative declines membership in the
33 PAMB;

34 “(e) Mayors of the municipalities of Maria Aurora and San Luis of the province of Aurora and
35 municipality of Bongabon, Nueva Ecija or their duly designated representative/s;

36 (f) Chairperson/s of the barangay/s within AMPL;

(g) Regional Directors of the following Region 3 government agencies, namely: the Department of Agriculture (DA), the National Economic and Development Authority (NEDA), the Department of Science and Technology (DOST), the Philippine National Police (PNP), and the Department of National Defense (DND):

(h) Three (3) representatives from either an NGO or PO, duly accredited both by the DENR and the provincial government. The NGO or PO represented should have been in existence for at least five (5) years and with track record in or related to protected area management:

(i) At least one (1) but not more than three (3) representatives from all the IPs/ICCs present in the area and recognized by the National Commission on Indigenous Peoples (NCIP):

(j) One (1) representative from an academic institution, preferably from a university or college in the province where the protected area is located, with proven track record in or related to the protected area management; and

(k) One (1) representative from the private sector, preferably a resident of the province where the protected area is located, who is distinguished in a profession or field of interest relevant to the protected area management.

Ex officio members or members of the PAMB by virtue of their elective or appointive government positions as specified in the immediately preceding subparagraphs (a), (b), (c), (d), (e), (f), and (g), shall serve for the duration of their respective terms of office in their respective elective or appointive government positions.

On the other hand, the members of the PAMB specified under subparagraphs (h), (i), (j), and (k) of this section shall be appointed by the DENR Secretary after the conduct of a transparent and fair selection process. They shall each serve a term of three (3) years and may be reappointed for another term.

The members of the PAMB shall serve without compensation, except for the actual and necessary traveling and subsistence expenses incurred in the performance of their duties, either in their attendance in meetings of the PAMB or in connection with other official business authorized through a resolution of the PAMB, subject to existing rules and regulations. Each member shall have the full capacity and accountability for decisions binding to the member's sector.

The PAMB members duly appointed prior to the effectivity of this Act shall continue their term until the expiration of their appointment. Thereafter, members of the management board shall be appointed in accordance with the provisions of this Act: Provided, That the Regional Executive Director of the DENR shall ensure that the relevant members of the PAMB are duly appointed by the DENR Secretary: Provided, further, That at least forty percent (40%) of the PAMB members shall be women, pursuant to Republic Act No. 9710 or 'The Magna Carta of Women'.

A member of the PAMB may be removed for any of the following grounds:

“(1) More than three (3) consecutive unexcused absences from regular meetings of the management board;

“(2) Commission of acts prejudicial to the management of protected areas as embodied in Section 20 hereof and/or other existing rules and regulations governing protected areas;

1 “(3) Disassociation from the office or organization being represented;

2 “(4) Termination of relationship with the office or organization being represented; or

3 “(6) Conviction by final judgment of any criminal act.”

4 **SECTION 9-A. Powers and Functions of the PAMB.** — The PAMB shall have the following
5 powers and functions:

6 (a) Oversee the management of AMPL;

7 (b) Approve policies, plans and programs, proposals, agreements, and other related documents for
8 the management of AMPL;

9 (c) Approve the management plan of AMPL and ensure its harmonization and integration with
10 land use plan and other development plan, public or private, and its implementation;

11 (d) Adopt a manual of operations to include rules of procedures in the conduct of business, and the
12 creation of committees and their respective terms of reference;

13 (e) Recommend the deputation of appropriate agencies and individuals for the enforcement of the
14 laws, rules and regulations governing the management of the protected area;

15 (f) Allocate financial resources for the implementation of the management plan and manage the
16 Protected Area Retention Income Account and other funds in accordance with the accounting
17 and budgeting rules and regulations;

18 (g) Set fees and charges in accordance with existing guidelines;

19 (h) Issue rules and regulations for the resolution of conflicts through appropriate and effective
20 means;

21 (i) Recommend appropriate policy changes to the DENR and other government authorities;

22 (j) Monitor and assess the performance of the Protected Area Superintendent (PASU) and other
23 protected area personnel and compliance of partners with the terms and conditions of any
24 undertaking, contract or agreement;

25 (k) Recommend from among a shortlist of qualified candidates, the designation or appointment of
26 the PASU; and

27 (l) Assess the effectiveness of the management of the protected area: Provided, That the members
28 of the management board representing the LGUs and national agencies in the PAMB shall
29 inform their respective constituents, offices or sectors, of PAMB.-approved or other relevant
30 policies, rules, regulations, programs, and projects and shall ensure that the provisions of this
31 Act and its implementing rules and regulations are complied with, and used as reference and
32 framework in their respective plans, policies, programs, and projects. Failure to comply with
33 the foregoing shall be the basis for disciplinary action against such member according to
34 administrative rules and regulations and such penalties as the PAMB may provide: Provided,
35 further, That the DENR, through the Regional Executive Director, shall ensure that the
36 PAMB acts within the scope of its powers and functions. In case of conflict between the

1 resolutions issued by the PAMB and the existing administrative orders of national
2 application, the latter shall prevail.”

3 **SECTION 10-The Protected Area Management Office (PAMO).** — There is hereby created a
4 Protected Area Management Office (PAMO) to be headed by a Protected Area Superintendent
5 (PASU) with a permanent plantilla position who shall supervise the day to day management,
6 protection and administration of the protected area. A sufficient number of support staff (per
7 Attachment A) with permanent plantilla position shall be appointed by the DENR to assist the
8 PASU in the management of the protected area.

9 The PASU shall be primarily accountable to the PAMB and the DENR for the management and
10 operations of the protected area. Pursuant thereto, the PASU shall have the following duties and
11 responsibilities:

12 (a) Prepare the management plan, in consultation with the stakeholders, including the annual work
13 and financial plans and ensure its implementation;

14 (b) Ensure the integration of the protected area management plans, programs, projects, and policies
15 with relevant national and LGUs’ plans and programs;

16 (c) Provide secretariat services to the PAMB and its committees and ensure the availability of
17 relevant and timely information for decision-making;

18 (d) Formulate and recommend to the PAMB proposed policies, rules, regulations, and programs;

19 (e) Establish, operate, and maintain a database management system which shall be an important
20 basis for decision-making;

21 (f) Enforce the laws, rules and regulations relevant to the protected area, commence and institute
22 administrative and legal actions in collaboration with other government agencies or
23 organizations, and assist in the prosecution of offenses committed in violation of this Act;

24 (g) Monitor, evaluate, and report the implementation of management activities of the protected
25 area;

26 (h) Request for and receive any technical assistance, support or advice from any agency or
27 instrumentality of the government as well as academic institutions, NGOs, and the private
28 sector, as may be necessary for the effective management, protection and administration of the
29 protected area;

30 G) Issue permits and clearances for activities that implement the management plan and other
31 permitted activities in accordance with terms, conditions, and criteria established by the PAMB:
32 Provided, That all permits for extraction activities, including collection for research purposes,
33 shall also continue to be issued by relevant authorities, subject to prior clearance from the
34 PAMB, through the PASU, in accordance with the specific acts to be covered;

35 G) Collect and/or receive pertinent fees, charges, donations, and other income for the protected
36 area: Provided, That such fees, charges, donations, and other income collected/received shall
37 be reported regularly to the PAMB and the DENR in accordance with existing guidelines;

(k) Prepare and recommend to the PAMB, approval of the annual work and financial plans of the protected area based on the management plan; and

(l) Perform such other functions as the PAMB and the DENR may assign.

The PAMO may be augmented by deputized local environment and natural resources officers upon the recommendation of the PAMB and approval of the DENR.

SECTION 11. Integrated Protected Area Fund (IPAF). — Pursuant to Section 16 of RA 11038, AMPL shall established its Integrated Protected Area Fund (IPAF) for purposes of financing its projects and sustaining its operation and the System. Income generated from the operation and management of AMPL shall accrue to the IPAF. The income shall be derived from fees and charges from the use of resources and facilities of protected areas; contributions from industries and facilities directly benefiting from the protected area; and such other fees and income derived from the operation.

The PAMB shall retain seventy-five percent (75%) of all revenues raised through the above means, which shall be deposited in the AMPL-Retained Income Account (AMPL-RIA) in any authorized government depository bank within the locality: Provided, That disbursements out of such deposits shall be used solely for the protection, maintenance, administration, and management of the protected area and implementation of duly approved projects of the PAMB.

Grants, donations, and endowments from various sources, domestic or foreign, shall be deposited in full in a special account in the National Treasury to be used for the purpose specified in the deeds and instruments covering them.

Voluntary or legislated payments for ecosystem goods and services, including fines, penalties, and compensation for damages from protected area offenses shall accrue fully to the AMPL-RIA and shall be managed by the PAMB.

The remaining twenty-five percent (25%) of revenues shall be deposited as a special account in the General Fund in the National Treasury for purposes of financing the projects of the System.

The use of the IPAF shall be in accordance with existing accounting, budgeting, and auditing rules and regulations: Provided, further, That the IPAF shall not be used to cover personal services expenditures.

SECTION. 12. Prohibited Acts and Penalties. — The prohibited acts and corresponding penalties enumerated and described in RA 11038 or eNIPAS Act of 2018 is adopted in toto in this Act.

SECTION 13. Tenured Migrants and Other Protected Area Occupants. — Tenured migrants shall be eligible to become stewards of portions of lands within multiple-use zones. The PAMB shall identify, verify and review all tenurial instruments, land claims, and issuances of permits for resource use within the protected area and recommend the issuance of the appropriate tenure instrument consistent with the zoning provided in the management plan and the provisions of this Act.

Should areas occupied by tenured migrants be designated as zones in which no occupation or other activities are allowed pursuant to the attainment of sustainable development, the provision for the transfer of the tenured migrants to multiple-use zones or buffer zones shall be accomplished

1 through just and humane means: Provided, That protected area occupants who are not qualified as
2 tenured migrants shall be resettled outside the protected area.

3 The rights of the tenured migrants may be transferred only to the spouse or one of their direct
4 descendants listed at the time of the survey.

5 In the event of termination of a tenurial instrument for cause or by voluntary surrender of rights,
6 the PASU shall take immediate steps to rehabilitate the area.

7 **SECTION. 14. Existing Facilities Within the Protected Area.** — Within sixty (60) days from
8 the effectivity of this Act, an inventory of all existing facilities such as roads, buildings and
9 structures, water systems, transmission lines, communication facilities, heavy equipment, and
10 irrigation facilities, among others, within the AMPL shall be conducted.

11 The DENR Regional Executive Director of Region 3 shall submit the inventory of facilities with
12 corresponding descriptions and an assessment report containing the appropriate recommendations
13 to the DENR Secretary through the BMB.

14 The PAMB, with the assistance of the DENR, may impose conditions for the continuous operation
15 of a facility found to be detrimental to the protected area until its eventual relocation. Existing
16 facilities allowed to remain within the protected area shall be charged a reasonable fee by the
17 PAMB based on existing guidelines. Structures found within the forty (40)-meter easement shall
18 be demolished unless proven necessary to protect the shoreline and mitigate habitat destruction.
19 The PAMB shall levy a reasonable fee for the use of such easement for their continued operations.

20 **SEC. 15. Local Government Units (LGUs).** — The LGUs within the AMPL shall participate in
21 its management through representation in the PAMB as provided for in this Act. Said LGUs may
22 appropriate portions of their share from the annual internal revenue allotment and other income
23 for use of the protected area: Provided, That all funds directly coming from the LGUs shall be
24 exempted from the twenty-five percent (25%) remittance requirement for the IPAF under Section
25 16 hereof.

26 LGUs with territory inside protected areas shall align their CLUPs, local development plans,
27 disaster risk reduction management plans and other required plans according to the objectives
28 specified herein and in the AMPL management plans.

29 **SECTION. 16. Appropriations.** — The Secretary of the DENR shall immediately include in the
30 DENR's program the implementation of this Act, the funding of which shall be included in the
31 annual General Appropriations Act."

32 **SECTION 17. Construction and Interpretation.** — The provisions of this Act shall be construed
33 liberally in favor of the protection and rehabilitation of AMPL and the conservation and restoration
34 of its biological diversity, taking into account the needs and interests of qualified tenured migrants,
35 vested rights, IPs and local communities. not be restricted unless involving protected species or
36 such use is deemed highly detrimental to the ecosystem.

38 ARTICLE VII

39 MISCELLANEOUS PROVISIONS

1 **SECTION 18. Separability Clause.** – If any part or section of this Act is declared
2 unconstitutional, such declaration shall not affect in any manner the other parts or sections hereof.

3 **SECTION 19. Repealing Clause.** – All laws, proclamations, rules and regulations inconsistent
4 with this Act are hereby repealed or modified accordingly.

5 **SECTION 20. Effectivity Clause.** – This Act shall take effect fifteen (15) days after its
6 publication in the *Official Gazette* or in two (2) newspapers of general circulation.

7 Approved,