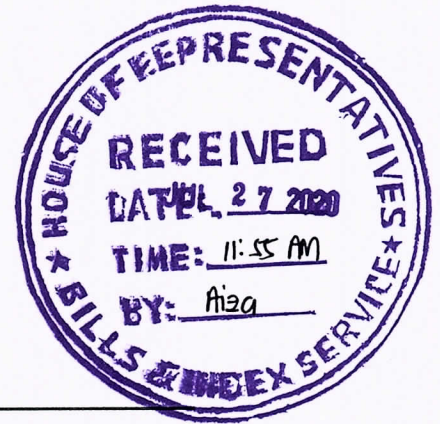


Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City

EIGHTEENTH CONGRESS
First Regular Session

HOUSE BILL NO. 7188



INTRODUCED BY HONORABLE CHERYL P. DELOSO-MONTALLA

**AN ACT DECLARING
THE ZAMBALES WATERSHEDS AND SUBWATERSHEDS LOCATED IN THE
MUNICIPALITIES OF BOTOLAN, IBA, PALAUIG, MASINLOC, CANDELARIA AND
STA. CRUZ IN THE PROVINCE OF ZAMBALES AS PROTECTED AREAS UNDER
THE CATEGORY OF PROTECTED LANDSCAPES TO BE KNOWN AS THE
ZAMBALES PROTECTED LANDSCAPES, PROVIDING FOR ITS MANAGEMENT
AND FOR OTHER PURPOSES**

EXPLANATORY NOTE

This bill proposes the creation of the Zambales Protected Landscapes within the Zambales Watersheds and Sub-Watershed in the Municipalities of Botolan, Iba, Palauig, Masinloc, Candelaria and Sta. Cruz, Province of Zambales, through its establishment as a component of the National Integrated Protected Areas System (NIPAS) under the category of protected landscape. The total area of the protected area is One Hundred Fifty-Eight Thousand Seven Hundred Ninety-Five (158,795.00 has.), more or less.

Under this legislative proposal, the management of the Zambales Protected Landscapes shall be vested in the Protected Area Management Board (PAMB), which shall serve as the highest policy-making body for the protected area. The local government units of the municipalities of Botolan, Iba, Palauig, Masinloc, Candelaria and Sta. Cruz shall participate in the management of the protected area through its membership/representation in the PAMB. The Zambales Protected Landscapes Management Office is hereby created within the DENR-Region III.

The zoning of the protected area shall give primary consideration to cultural, economic, and social practices consistent with sustainable management principles by tenured migrants and nearby communities for an appreciable length of time unless such uses are deemed detrimental to biodiversity conservation and the protection of the natural characteristics of the protected area.

A trust fund to be known as the Zambales Protected Landscapes Fund shall be established under this bill for purposes of financing projects for the protected area. All income generated from the operation of the protected area or management of wild flora and fauna in the protected area shall accrue to the fund.

The immediate passage of this bill is earnestly requested.


CHERYL P. DELOSO-MONTALLA
Representative
2nd District, Zambales

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

SECTION 1. This Act shall be known and cited as “*The Zambales Protected Landscape Act*”.

SEC. 2. *Declaration of Policy.* - It is the policy of the State to protect and advance the right of the people to a balanced and healthful ecology in accord with the rhythm and harmony of nature. For this purpose, the State shall secure for the present and future generations of Filipinos the perpetual existence of all native plants and animals within the Watersheds and Subwatersheds in the Province of Zambales which are located in municipalities of Botolan, Iba, Palauig, Masinloc, Candelaria and Sta. Cruz, through its establishment as a component of the National Integrated Protected Areas System (NIPAS) under the category of protected landscape. The State shall likewise promote the participation of local communities in the management of the Zambales Watersheds and Subwatershed and protect the way of life of the people living in and around the protected area.

SEC. 3. *Scope.* - The boundaries of the Zambales Protected Landscapes, which is composed of the Bucao Watershed in the Municipality of Botolan, Bagsit River Sub-watershed and Tambak River Sub-watershed in the Municipality of Iba, Salaza River Sub-watershed in the Municipality of Palauig, Lauis River Watershed in the Municipality of Candelaria and the Nayom Watershed, Sta. Cruz River Sub-watershed and Cabaluan Watershed in the Municipality of Sta. Cruz are as follows:

BUCAO RIVER WATERSHED

CORNER	LONGITUDE	LATITUDE
1	120° 3' 15.647" E	15° 13' 45.238" N
2	120° 3' 15.647" E	15° 13' 45.242" N
3	120° 3' 15.648" E	15° 13' 45.257" N
4	120° 3' 14.930" E	15° 13' 46.469" N
5	120° 3' 14.536" E	15° 13' 47.295" N
6	120° 3' 13.220" E	15° 13' 49.047" N
7	120° 3' 12.754" E	15° 13' 51.764" N
8	120° 3' 8.688" E	15° 13' 55.903" N
9	120° 3' 6.477" E	15° 13' 56.518" N
10	120° 3' 5.428" E	15° 13' 56.422" N

11	120° 3' 5.093" E	15° 13' 56.444" N
12	120° 3' 4.758" E	15° 13' 56.413" N
13	120° 3' 3.083" E	15° 13' 56.522" N
14	120° 3' 1.118" E	15° 13' 56.342" N
15	120° 2' 57.902" E	15° 13' 57.717" N
16	120° 2' 56.037" E	15° 13' 57.547" N
17	120° 2' 54.361" E	15° 13' 57.655" N
18	120° 2' 53.346" E	15° 13' 57.563" N
19	120° 2' 52.741" E	15° 13' 59.423" N
20	120° 2' 49.511" E	15° 13' 59.857" N
21	120° 2' 46.048" E	15° 13' 59.541" N
22	120° 2' 43.344" E	15° 14' 0.221" N
23	120° 2' 39.404" E	15° 13' 59.861" N
24	120° 2' 37.925" E	15° 14' 0.637" N
25	120° 2' 36.218" E	15° 14' 1.240" N
26	120° 2' 34.457" E	15° 14' 2.542" N
27	120° 2' 33.427" E	15° 14' 3.672" N
28	120° 2' 31.998" E	15° 14' 4.611" N
29	120° 2' 32.973" E	15° 14' 6.702" N
30	120° 2' 32.397" E	15° 14' 10.317" N
31	120° 2' 33.173" E	15° 14' 11.638" N
32	120° 2' 32.991" E	15° 14' 12.914" N
33	120° 2' 33.121" E	15° 14' 14.054" N
34	120° 2' 32.951" E	15° 14' 15.248" N
35	120° 2' 31.302" E	15° 14' 17.101" N
36	120° 2' 30.977" E	15° 14' 19.083" N
37	120° 2' 29.913" E	15° 14' 20.659" N
38	120° 2' 29.515" E	15° 14' 21.541" N
39	120° 2' 27.724" E	15° 14' 23.855" N
40	120° 2' 26.550" E	15° 14' 24.743" N
41	120° 2' 26.096" E	15° 14' 25.750" N
42	120° 2' 24.744" E	15° 14' 26.282" N
43	120° 2' 23.263" E	15° 14' 28.029" N
44	120° 2' 22.584" E	15° 14' 29.536" N
45	120° 2' 21.737" E	15° 14' 30.629" N
46	120° 2' 20.555" E	15° 14' 32.596" N
47	120° 2' 18.678" E	15° 14' 33.840" N
48	120° 2' 18.159" E	15° 14' 34.453" N
49	120° 2' 16.214" E	15° 14' 35.487" N
50	120° 2' 15.318" E	15° 14' 37.371" N
51	120° 2' 15.992" E	15° 14' 39.787" N
52	120° 2' 15.749" E	15° 14' 41.135" N
53	120° 2' 13.941" E	15° 14' 39.704" N
54	120° 2' 12.132" E	15° 14' 39.311" N
55	120° 2' 10.922" E	15° 14' 39.945" N
56	120° 2' 9.889" E	15° 14' 40.232" N
57	120° 2' 8.779" E	15° 14' 40.611" N
58	120° 2' 7.243" E	15° 14' 40.471" N
59	120° 2' 5.305" E	15° 14' 38.227" N
60	120° 2' 1.913" E	15° 14' 37.804" N
61	120° 1' 59.149" E	15° 14' 35.442" N
62	120° 1' 58.513" E	15° 14' 34.005" N
63	120° 1' 55.974" E	15° 14' 32.864" N
64	120° 1' 54.939" E	15° 14' 33.556" N
65	120° 1' 53.236" E	15° 14' 33.835" N
66	120° 1' 52.201" E	15° 14' 34.378" N
67	120° 1' 49.232" E	15° 14' 34.106" N

68	120° 1' 46.593" E	15° 14' 31.796" N
69	120° 1' 45.212" E	15° 14' 31.176" N
70	120° 1' 44.528" E	15° 14' 30.383" N
71	120° 1' 42.090" E	15° 14' 29.635" N
72	120° 1' 41.879" E	15° 14' 28.954" N
73	120° 1' 39.051" E	15° 14' 26.734" N
74	120° 1' 38.652" E	15° 14' 24.544" N
75	120° 1' 38.314" E	15° 14' 23.902" N
76	120° 1' 37.996" E	15° 14' 21.388" N
77	120° 1' 37.030" E	15° 14' 19.984" N
78	120° 1' 36.753" E	15° 14' 16.716" N
79	120° 1' 36.085" E	15° 14' 15.745" N
80	120° 1' 35.281" E	15° 14' 14.499" N
81	120° 1' 34.390" E	15° 14' 14.077" N
82	120° 1' 33.764" E	15° 14' 13.403" N
83	120° 1' 30.053" E	15° 14' 12.207" N
84	120° 1' 27.457" E	15° 14' 11.066" N
85	120° 1' 25.691" E	15° 14' 10.497" N
86	120° 1' 25.124" E	15° 14' 9.422" N
87	120° 1' 24.750" E	15° 14' 6.924" N
88	120° 1' 22.172" E	15° 14' 4.899" N
89	120° 1' 20.859" E	15° 14' 3.188" N
90	120° 1' 20.544" E	15° 14' 1.459" N
91	120° 1' 18.883" E	15° 13' 59.923" N
92	120° 1' 17.440" E	15° 13' 58.369" N
93	120° 1' 16.250" E	15° 13' 57.600" N
94	120° 1' 15.933" E	15° 13' 57.258" N
95	120° 1' 15.590" E	15° 13' 56.941" N
96	120° 1' 15.060" E	15° 13' 56.371" N
97	120° 1' 13.198" E	15° 13' 55.382" N
98	120° 1' 12.415" E	15° 13' 56.068" N
99	120° 1' 11.092" E	15° 13' 57.416" N
100	120° 1' 8.583" E	15° 13' 58.942" N
101	120° 1' 10.463" E	15° 14' 0.681" N
102	120° 1' 10.855" E	15° 14' 1.424" N
103	120° 1' 9.489" E	15° 14' 3.525" N
104	120° 1' 9.454" E	15° 14' 4.169" N
105	120° 1' 9.484" E	15° 14' 5.290" N
106	120° 1' 7.820" E	15° 14' 5.651" N
107	120° 1' 5.382" E	15° 14' 8.480" N
108	120° 1' 5.051" E	15° 14' 9.138" N
109	120° 1' 3.841" E	15° 14' 9.673" N
110	120° 1' 2.835" E	15° 14' 10.553" N
111	120° 1' 2.190" E	15° 14' 12.442" N
112	120° 1' 1.345" E	15° 14' 13.303" N
113	120° 0' 59.961" E	15° 14' 12.972" N
114	120° 0' 59.309" E	15° 14' 12.626" N
115	120° 0' 58.297" E	15° 14' 12.300" N
116	120° 0' 57.598" E	15° 14' 11.928" N
117	120° 0' 56.466" E	15° 14' 11.957" N
118	120° 0' 53.710" E	15° 14' 11.814" N
119	120° 0' 51.614" E	15° 14' 12.211" N
120	120° 0' 51.438" E	15° 14' 12.365" N
121	120° 0' 51.222" E	15° 14' 13.506" N
122	120° 0' 49.470" E	15° 14' 14.106" N
123	120° 0' 46.557" E	15° 14' 13.409" N
124	120° 0' 45.344" E	15° 14' 14.258" N

125	120° 0' 43.868" E	15° 14' 14.026" N
126	120° 0' 43.228" E	15° 14' 14.390" N
127	120° 0' 40.957" E	15° 14' 14.643" N
128	120° 0' 39.979" E	15° 14' 14.318" N
129	120° 0' 38.885" E	15° 14' 14.615" N
130	120° 0' 37.359" E	15° 14' 13.478" N
131	120° 0' 36.781" E	15° 14' 13.062" N
132	120° 0' 35.365" E	15° 14' 12.476" N
133	120° 0' 35.034" E	15° 14' 12.146" N
134	120° 0' 34.704" E	15° 14' 11.817" N
135	120° 0' 34.374" E	15° 14' 11.487" N
136	120° 0' 32.212" E	15° 14' 10.554" N
137	120° 0' 31.809" E	15° 14' 13.031" N
138	120° 0' 31.292" E	15° 14' 18.991" N
139	120° 0' 32.878" E	15° 14' 23.744" N
140	120° 0' 35.324" E	15° 14' 27.993" N
141	120° 0' 36.604" E	15° 14' 30.774" N
142	120° 0' 39.652" E	15° 14' 37.045" N
143	120° 0' 41.516" E	15° 14' 42.239" N
144	120° 0' 42.692" E	15° 14' 48.738" N
145	120° 0' 43.019" E	15° 14' 55.055" N
146	120° 0' 42.528" E	15° 14' 57.117" N
147	120° 0' 42.727" E	15° 15' 2.584" N
148	120° 0' 43.018" E	15° 15' 10.147" N
149	120° 0' 43.019" E	15° 15' 10.194" N
150	120° 0' 43.172" E	15° 15' 13.214" N
151	120° 0' 43.224" E	15° 15' 15.495" N
152	120° 0' 43.143" E	15° 15' 19.692" N
153	120° 0' 42.996" E	15° 15' 22.120" N
154	120° 0' 43.904" E	15° 15' 25.483" N
155	120° 0' 42.812" E	15° 15' 32.127" N
156	120° 0' 43.305" E	15° 15' 35.614" N
157	120° 0' 44.106" E	15° 15' 37.108" N
158	120° 0' 45.818" E	15° 15' 37.545" N
159	120° 0' 49.999" E	15° 15' 43.352" N
160	120° 0' 52.002" E	15° 15' 46.783" N
161	120° 0' 52.543" E	15° 15' 48.919" N
162	120° 0' 52.461" E	15° 15' 51.238" N
163	120° 0' 53.159" E	15° 15' 55.083" N
164	120° 0' 52.789" E	15° 15' 58.529" N
165	120° 0' 50.718" E	15° 16' 2.598" N
166	120° 0' 47.829" E	15° 16' 6.773" N
167	120° 0' 49.486" E	15° 16' 6.795" N
168	120° 0' 49.821" E	15° 16' 6.800" N
169	120° 0' 51.160" E	15° 16' 6.818" N
170	120° 1' 9.002" E	15° 16' 7.841" N
171	120° 1' 51.286" E	15° 16' 0.030" N
172	120° 1' 55.232" E	15° 15' 59.548" N
173	120° 1' 57.740" E	15° 15' 59.084" N
174	120° 2' 1.359" E	15° 15' 58.703" N
175	120° 2' 4.116" E	15° 15' 58.193" N
176	120° 2' 4.621" E	15° 15' 58.210" N
177	120° 2' 5.626" E	15° 15' 58.203" N
178	120° 2' 7.222" E	15° 15' 58.256" N
179	120° 2' 9.725" E	15° 16' 0.855" N
180	120° 2' 12.887" E	15° 16' 5.309" N
181	120° 2' 15.360" E	15° 16' 8.746" N

182	120° 2' 16.996" E	15° 16' 11.050" N
183	120° 2' 19.421" E	15° 16' 14.419" N
184	120° 2' 24.281" E	15° 16' 27.666" N
185	120° 2' 26.382" E	15° 16' 34.257" N
186	120° 2' 26.710" E	15° 16' 35.230" N
187	120° 2' 27.024" E	15° 16' 36.216" N
188	120° 2' 28.419" E	15° 16' 40.078" N
189	120° 2' 31.681" E	15° 16' 45.181" N
190	120° 2' 34.252" E	15° 16' 46.709" N
191	120° 2' 35.797" E	15° 16' 47.756" N
192	120° 2' 39.849" E	15° 16' 49.279" N
193	120° 2' 44.237" E	15° 16' 49.800" N
194	120° 2' 47.602" E	15° 16' 49.778" N
195	120° 2' 50.615" E	15° 16' 49.878" N
196	120° 2' 52.457" E	15° 16' 49.866" N
197	120° 2' 55.470" E	15° 16' 49.965" N
198	120° 2' 58.317" E	15° 16' 49.946" N
199	120° 3' 7.355" E	15° 16' 50.244" N
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202	120° 3' 22.593" E	15° 16' 50.269" N
203	120° 3' 27.447" E	15° 16' 50.429" N
204	120° 3' 32.136" E	15° 16' 50.398" N
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206	120° 3' 34.648" E	15° 16' 50.428" N
207	120° 3' 43.854" E	15° 16' 50.731" N
208	120° 3' 53.065" E	15° 16' 50.670" N
209	120° 3' 55.910" E	15° 16' 50.763" N
210	120° 3' 58.925" E	15° 16' 50.743" N
211	120° 4' 1.770" E	15° 16' 50.837" N
212	120° 4' 4.952" E	15° 16' 50.815" N
213	120° 4' 6.486" E	15° 16' 50.866" N
214	120° 4' 16.022" E	15° 16' 49.348" N
215	120° 4' 18.377" E	15° 16' 49.060" N
216	120° 4' 21.584" E	15° 16' 48.572" N
217	120° 4' 23.432" E	15° 16' 48.138" N
218	120° 4' 24.082" E	15° 16' 48.160" N
219	120° 4' 28.353" E	15° 16' 47.611" N
220	120° 4' 29.126" E	15° 16' 47.237" N
221	120° 4' 29.788" E	15° 16' 47.259" N
222	120° 4' 31.796" E	15° 16' 46.953" N
223	120° 4' 34.151" E	15° 16' 46.666" N
224	120° 4' 34.819" E	15° 16' 46.343" N
225	120° 4' 37.174" E	15° 16' 46.055" N
226	120° 4' 40.860" E	15° 16' 45.446" N
227	120° 4' 44.519" E	15° 16' 44.999" N
228	120° 4' 44.905" E	15° 16' 43.548" N
229	120° 4' 47.707" E	15° 16' 42.820" N
230	120° 4' 48.596" E	15° 16' 43.279" N
231	120° 4' 49.267" E	15° 16' 42.955" N
232	120° 4' 51.542" E	15° 16' 42.271" N
233	120° 4' 53.146" E	15° 16' 43.486" N
234	120° 4' 53.591" E	15° 16' 45.149" N
235	120° 4' 52.418" E	15° 16' 46.781" N
236	120° 4' 55.779" E	15° 16' 50.002" N
237	120° 4' 58.592" E	15° 16' 51.530" N
238	120° 4' 56.780" E	15° 17' 1.698" N

239	120° 4' 52.909" E	15° 17' 12.486" N
240	120° 4' 55.761" E	15° 17' 17.685" N
241	120° 5' 2.101" E	15° 17' 23.121" N
242	120° 5' 2.106" E	15° 17' 23.797" N
243	120° 5' 3.516" E	15° 17' 25.875" N
244	120° 5' 3.325" E	15° 17' 31.355" N
245	120° 5' 2.343" E	15° 17' 34.876" N
246	120° 5' 3.230" E	15° 17' 39.384" N
247	120° 5' 3.481" E	15° 17' 44.921" N
248	120° 5' 4.397" E	15° 17' 49.139" N
249	120° 5' 3.581" E	15° 17' 58.848" N
250	120° 5' 3.611" E	15° 18' 2.956" N
251	120° 5' 4.218" E	15° 18' 4.757" N
252	120° 5' 4.375" E	15° 18' 5.250" N
253	120° 5' 4.534" E	15° 18' 5.421" N
254	120° 5' 5.273" E	15° 18' 6.103" N
255	120° 5' 7.593" E	15° 18' 9.696" N
256	120° 5' 11.072" E	15° 18' 12.244" N
257	120° 5' 11.446" E	15° 18' 14.290" N
258	120° 5' 11.780" E	15° 18' 15.257" N
259	120° 5' 12.084" E	15° 18' 19.710" N
260	120° 5' 12.011" E	15° 18' 21.056" N
261	120° 5' 10.559" E	15° 18' 22.843" N
262	120° 5' 9.422" E	15° 18' 25.104" N
263	120° 5' 8.579" E	15° 18' 28.719" N
264	120° 5' 11.215" E	15° 18' 31.831" N
265	120° 5' 12.185" E	15° 18' 33.482" N
266	120° 5' 12.854" E	15° 18' 34.454" N
267	120° 5' 14.530" E	15° 18' 37.513" N
268	120° 5' 15.550" E	15° 18' 41.933" N
269	120° 5' 17.070" E	15° 18' 44.814" N
270	120° 5' 16.980" E	15° 18' 46.459" N
271	120° 5' 17.684" E	15° 18' 48.497" N
272	120° 5' 17.974" E	15° 18' 50.872" N
273	120° 5' 17.216" E	15° 18' 52.884" N
274	120° 5' 17.287" E	15° 18' 55.510" N
275	120° 5' 17.971" E	15° 18' 57.492" N
276	120° 5' 18.549" E	15° 18' 58.588" N
277	120° 5' 19.376" E	15° 19' 1.246" N
278	120° 5' 20.844" E	15° 19' 2.194" N
279	120° 5' 23.012" E	15° 19' 3.683" N
280	120° 5' 23.559" E	15° 19' 4.273" N
281	120° 5' 24.334" E	15° 19' 5.923" N
282	120° 5' 26.122" E	15° 19' 8.115" N
283	120° 5' 26.766" E	15° 19' 9.111" N
284	120° 5' 27.926" E	15° 19' 10.622" N
285	120° 5' 30.639" E	15° 19' 12.914" N
286	120° 5' 32.333" E	15° 19' 14.736" N
287	120° 5' 34.343" E	15° 19' 18.314" N
288	120° 5' 35.012" E	15° 19' 19.285" N
289	120° 5' 35.692" E	15° 19' 20.338" N
290	120° 5' 35.642" E	15° 19' 21.256" N
291	120° 5' 40.019" E	15° 19' 25.986" N
292	120° 5' 39.853" E	15° 19' 29.034" N
293	120° 5' 39.187" E	15° 19' 31.369" N
294	120° 5' 38.843" E	15° 19' 33.003" N
295	120° 5' 37.933" E	15° 19' 35.074" N

296	120° 5' 37.421" E	15° 19' 37.945" N
297	120° 5' 35.889" E	15° 19' 39.286" N
298	120° 5' 35.072" E	15° 19' 40.119" N
299	120° 5' 31.281" E	15° 19' 43.438" N
300	120° 5' 31.312" E	15° 19' 44.603" N
301	120° 5' 31.250" E	15° 19' 45.741" N
302	120° 5' 31.290" E	15° 19' 47.227" N
303	120° 5' 32.879" E	15° 19' 52.421" N
304	120° 5' 33.006" E	15° 19' 54.867" N
305	120° 5' 33.573" E	15° 19' 55.054" N
306	120° 5' 36.564" E	15° 19' 57.079" N
307	120° 5' 39.231" E	15° 19' 58.359" N
308	120° 5' 43.745" E	15° 19' 57.523" N
309	120° 5' 48.035" E	15° 19' 58.518" N
310	120° 5' 52.894" E	15° 19' 58.211" N
311	120° 5' 54.602" E	15° 19' 58.574" N
312	120° 5' 57.212" E	15° 20' 0.550" N
313	120° 5' 58.215" E	15° 20' 1.207" N
314	120° 5' 59.070" E	15° 20' 2.510" N
315	120° 6' 2.355" E	15° 20' 2.943" N
316	120° 6' 5.226" E	15° 20' 2.924" N
317	120° 6' 6.220" E	15° 20' 3.268" N
318	120° 6' 7.961" E	15° 20' 3.622" N
319	120° 6' 10.533" E	15° 20' 4.950" N
320	120° 6' 11.561" E	15° 20' 4.943" N
321	120° 6' 12.924" E	15° 20' 4.988" N
322	120° 6' 14.210" E	15° 20' 6.949" N
323	120° 6' 15.878" E	15° 20' 7.939" N
324	120° 6' 17.609" E	15° 20' 9.111" N
325	120° 6' 20.536" E	15° 20' 10.275" N
326	120° 6' 20.891" E	15° 20' 10.644" N
327	120° 6' 22.384" E	15° 20' 14.468" N
328	120° 6' 23.647" E	15° 20' 15.677" N
329	120° 6' 24.457" E	15° 20' 16.517" N
330	120° 6' 25.576" E	15° 20' 17.589" N
331	120° 6' 28.051" E	15° 20' 19.210" N
332	120° 6' 28.499" E	15° 20' 21.100" N
333	120° 6' 34.385" E	15° 20' 27.401" N
334	120° 6' 35.668" E	15° 20' 28.630" N
335	120° 6' 38.034" E	15° 20' 29.035" N
336	120° 6' 39.796" E	15° 20' 29.646" N
337	120° 6' 42.801" E	15° 20' 32.065" N
338	120° 6' 44.116" E	15° 20' 33.836" N
339	120° 6' 46.042" E	15° 20' 35.359" N
340	120° 6' 46.668" E	15° 20' 36.008" N
341	120° 6' 46.535" E	15° 20' 39.843" N
342	120° 6' 47.256" E	15° 20' 40.534" N
343	120° 6' 47.626" E	15° 20' 40.918" N
344	120° 6' 47.543" E	15° 20' 43.305" N
345	120° 6' 47.555" E	15° 20' 44.988" N
346	120° 6' 48.584" E	15° 20' 46.504" N
347	120° 6' 49.500" E	15° 20' 48.399" N
348	120° 6' 49.474" E	15° 20' 49.142" N
349	120° 6' 51.084" E	15° 20' 54.565" N
350	120° 6' 51.394" E	15° 20' 55.876" N
351	120° 6' 51.779" E	15° 20' 56.625" N
352	120° 6' 54.197" E	15° 20' 58.941" N

353	120° 6' 57.078" E	15° 20' 59.525" N
354	120° 6' 58.656" E	15° 21' 0.340" N
355	120° 7' 2.998" E	15° 21' 5.422" N
356	120° 7' 3.701" E	15° 21' 8.392" N
357	120° 7' 4.943" E	15° 21' 10.025" N
358	120° 7' 5.265" E	15° 21' 11.386" N
359	120° 7' 5.231" E	15° 21' 12.380" N
360	120° 7' 4.372" E	15° 21' 14.713" N
361	120° 7' 2.252" E	15° 21' 17.098" N
362	120° 7' 1.634" E	15° 21' 19.421" N
363	120° 7' 1.109" E	15° 21' 20.380" N
364	120° 7' 0.744" E	15° 21' 22.983" N
365	120° 6' 59.036" E	15° 21' 24.905" N
366	120° 6' 59.044" E	15° 21' 25.964" N
367	120° 6' 56.751" E	15° 21' 29.346" N
368	120° 6' 56.997" E	15° 21' 29.380" N
369	120° 9' 45.931" E	15° 21' 52.864" N
370	120° 10' 6.837" E	15° 21' 55.768" N
371	120° 10' 37.919" E	15° 20' 45.007" N
372	120° 10' 57.570" E	15° 20' 0.261" N
373	120° 11' 43.766" E	15° 19' 35.698" N
374	120° 11' 47.178" E	15° 19' 33.883" N
375	120° 11' 50.562" E	15° 19' 32.084" N
376	120° 11' 52.577" E	15° 19' 31.012" N
377	120° 11' 55.989" E	15° 19' 29.198" N
378	120° 12' 12.515" E	15° 19' 20.409" N
379	120° 12' 17.651" E	15° 19' 17.678" N
380	120° 12' 20.784" E	15° 19' 16.011" N
381	120° 12' 21.902" E	15° 19' 15.416" N
382	120° 12' 27.110" E	15° 19' 12.647" N
383	120° 12' 32.245" E	15° 19' 9.916" N
384	120° 12' 36.907" E	15° 19' 7.436" N
385	120° 12' 40.614" E	15° 19' 5.464" N
386	120° 12' 43.361" E	15° 19' 4.003" N
387	120° 12' 43.468" E	15° 19' 3.946" N
388	120° 12' 49.910" E	15° 19' 0.520" N
389	120° 12' 54.838" E	15° 18' 57.898" N
390	120° 13' 1.678" E	15° 18' 54.260" N
391	120° 13' 1.825" E	15° 18' 54.182" N
392	120° 13' 3.840" E	15° 18' 53.110" N
393	120° 13' 16.695" E	15° 18' 46.272" N
394	120° 13' 22.625" E	15° 18' 43.117" N
395	120° 13' 29.346" E	15° 18' 39.541" N
396	120° 13' 49.996" E	15° 18' 28.555" N
397	120° 13' 54.144" E	15° 18' 26.348" N
398	120° 13' 58.172" E	15° 18' 24.205" N
399	120° 14' 38.235" E	15° 18' 2.887" N
400	120° 15' 41.756" E	15° 17' 29.080" N
401	120° 16' 54.500" E	15° 16' 50.354" N
402	120° 16' 54.940" E	15° 16' 50.120" N
403	120° 17' 53.299" E	15° 16' 19.044" N
404	120° 18' 1.776" E	15° 16' 14.529" N
405	120° 18' 24.168" E	15° 16' 2.848" N
406	120° 19' 12.716" E	15° 15' 37.518" N
407	120° 19' 24.626" E	15° 15' 6.358" N
408	120° 19' 54.723" E	15° 13' 47.604" N
409	120° 19' 55.884" E	15° 13' 44.565" N

410	120° 20' 29.296" E	15° 12' 17.109" N
411	120° 20' 29.296" E	15° 12' 17.108" N
412	120° 20' 27.595" E	15° 12' 16.409" N
413	120° 20' 26.880" E	15° 12' 14.058" N
414	120° 20' 26.160" E	15° 12' 13.031" N
415	120° 20' 25.856" E	15° 12' 12.033" N
416	120° 20' 24.812" E	15° 12' 10.691" N
417	120° 20' 24.905" E	15° 12' 9.430" N
418	120° 20' 24.801" E	15° 12' 7.309" N
419	120° 20' 24.090" E	15° 12' 4.597" N
420	120° 20' 24.970" E	15° 12' 2.610" N
421	120° 20' 25.358" E	15° 12' 0.719" N
422	120° 20' 26.385" E	15° 11' 59.327" N
423	120° 20' 27.033" E	15° 11' 56.763" N
424	120° 20' 27.743" E	15° 11' 54.311" N
425	120° 20' 28.160" E	15° 11' 49.832" N
426	120° 20' 29.370" E	15° 11' 47.731" N
427	120° 20' 30.295" E	15° 11' 45.835" N
428	120° 20' 31.715" E	15° 11' 44.633" N
429	120° 20' 31.898" E	15° 11' 43.168" N
430	120° 20' 32.361" E	15° 11' 41.100" N
431	120° 20' 31.121" E	15° 11' 40.498" N
432	120° 20' 31.951" E	15° 11' 38.979" N
433	120° 20' 32.306" E	15° 11' 37.320" N
434	120° 20' 32.681" E	15° 11' 35.645" N
435	120° 20' 32.642" E	15° 11' 31.008" N
436	120° 20' 33.091" E	15° 11' 28.519" N
437	120° 20' 35.795" E	15° 11' 26.056" N
438	120° 20' 35.481" E	15° 11' 25.000" N
439	120° 20' 34.173" E	15° 11' 23.284" N
440	120° 20' 35.195" E	15° 11' 20.495" N
441	120° 20' 34.876" E	15° 11' 19.790" N
442	120° 20' 34.092" E	15° 11' 18.265" N
443	120° 20' 33.282" E	15° 11' 15.033" N
444	120° 20' 32.949" E	15° 11' 13.263" N
445	120° 20' 31.934" E	15° 11' 10.908" N
446	120° 20' 32.028" E	15° 11' 8.108" N
447	120° 20' 31.683" E	15° 11' 7.395" N
448	120° 20' 31.349" E	15° 11' 6.747" N
449	120° 20' 31.030" E	15° 11' 6.086" N
450	120° 20' 30.696" E	15° 11' 5.438" N
451	120° 20' 30.068" E	15° 11' 4.141" N
452	120° 20' 29.063" E	15° 11' 3.180" N
453	120° 20' 28.624" E	15° 10' 59.489" N
454	120° 20' 29.114" E	15° 10' 58.591" N
455	120° 20' 29.463" E	15° 10' 56.962" N
456	120° 20' 29.817" E	15° 10' 55.997" N
457	120° 20' 30.214" E	15° 10' 50.467" N
458	120° 20' 30.569" E	15° 10' 49.500" N
459	120° 20' 30.044" E	15° 10' 47.407" N
460	120° 20' 30.973" E	15° 10' 46.561" N
461	120° 20' 30.949" E	15° 10' 43.736" N
462	120° 20' 31.331" E	15° 10' 42.032" N
463	120° 20' 31.712" E	15° 10' 37.802" N
464	120° 20' 32.065" E	15° 10' 36.837" N
465	120° 20' 32.450" E	15° 10' 32.283" N
466	120° 20' 34.063" E	15° 10' 30.032" N

467	120° 20' 33.518" E	15° 10' 27.743" N
468	120° 20' 32.444" E	15° 10' 26.333" N
469	120° 20' 32.881" E	15° 10' 25.140" N
470	120° 20' 33.226" E	15° 10' 23.837" N
471	120° 20' 33.909" E	15° 10' 22.587" N
472	120° 20' 34.309" E	15° 10' 21.074" N
473	120° 20' 36.645" E	15° 10' 18.157" N
474	120° 20' 36.335" E	15° 10' 16.719" N
475	120° 20' 35.017" E	15° 10' 14.434" N
476	120° 20' 34.582" E	15° 10' 12.601" N
477	120° 20' 33.030" E	15° 10' 11.587" N
478	120° 20' 32.404" E	15° 10' 6.319" N
479	120° 20' 33.631" E	15° 10' 4.605" N
480	120° 20' 32.950" E	15° 10' 1.886" N
481	120° 20' 33.533" E	15° 9' 59.783" N
482	120° 20' 33.960" E	15° 9' 53.283" N
483	120° 20' 34.628" E	15° 9' 51.985" N
484	120° 20' 35.314" E	15° 9' 50.729" N
485	120° 20' 35.669" E	15° 9' 49.070" N
486	120° 20' 36.027" E	15° 9' 47.780" N
487	120° 20' 36.375" E	15° 9' 46.152" N
488	120° 20' 37.440" E	15° 9' 44.492" N
489	120° 20' 37.420" E	15° 9' 42.102" N
490	120° 20' 37.474" E	15° 9' 40.477" N
491	120° 20' 37.457" E	15° 9' 38.430" N
492	120° 20' 38.420" E	15° 9' 36.139" N
493	120° 20' 39.872" E	15° 9' 34.818" N
494	120° 20' 41.200" E	15° 9' 33.506" N
495	120° 20' 42.601" E	15° 9' 32.231" N
496	120° 20' 43.261" E	15° 9' 30.949" N
497	120° 20' 44.208" E	15° 9' 29.216" N
498	120° 20' 44.364" E	15° 9' 24.556" N
499	120° 20' 43.954" E	15° 9' 22.380" N
500	120° 20' 41.349" E	15° 9' 19.889" N
501	120° 20' 42.620" E	15° 9' 19.308" N
502	120° 20' 43.815" E	15° 9' 18.567" N
503	120° 20' 45.788" E	15° 9' 14.736" N
504	120° 20' 48.314" E	15° 9' 13.709" N
505	120° 20' 49.497" E	15° 9' 14.118" N
506	120° 20' 51.035" E	15° 9' 14.502" N
507	120° 20' 53.159" E	15° 9' 15.787" N
508	120° 20' 54.889" E	15° 9' 16.628" N
509	120° 20' 56.470" E	15° 9' 18.753" N
510	120° 20' 58.574" E	15° 9' 19.178" N
511	120° 20' 59.748" E	15° 9' 20.394" N
512	120° 21' 0.469" E	15° 9' 20.745" N
513	120° 21' 0.991" E	15° 9' 22.374" N
514	120° 21' 1.453" E	15° 9' 22.389" N
515	120° 21' 3.128" E	15° 9' 21.752" N
516	120° 21' 6.486" E	15° 9' 21.472" N
517	120° 21' 7.794" E	15° 9' 20.837" N
518	120° 21' 9.922" E	15° 9' 21.666" N
519	120° 21' 10.701" E	15° 9' 23.275" N
520	120° 21' 13.438" E	15° 9' 25.125" N
521	120° 21' 14.356" E	15° 9' 24.721" N
522	120° 21' 16.126" E	15° 9' 23.862" N
523	120° 21' 18.497" E	15° 9' 24.859" N

524	120° 21' 19.990" E	15° 9' 25.629" N
525	120° 21' 22.680" E	15° 9' 24.323" N
526	120° 21' 24.860" E	15° 9' 23.626" N
527	120° 21' 25.578" E	15° 9' 23.996" N
528	120° 21' 27.035" E	15° 9' 24.474" N
529	120° 21' 27.378" E	15° 9' 23.828" N
530	120° 21' 27.860" E	15° 9' 22.991" N
531	120° 21' 29.084" E	15° 9' 21.247" N
532	120° 21' 28.916" E	15° 9' 19.799" N
533	120° 21' 28.786" E	15° 9' 18.316" N
534	120° 21' 28.594" E	15° 9' 17.848" N
535	120° 21' 27.705" E	15° 9' 13.231" N
536	120° 21' 28.000" E	15° 9' 11.939" N
537	120° 21' 30.406" E	15° 9' 11.370" N
538	120° 21' 31.703" E	15° 9' 10.356" N
539	120° 21' 32.573" E	15° 9' 9.905" N
540	120° 21' 32.764" E	15° 9' 8.180" N
541	120° 21' 35.491" E	15° 9' 8.604" N
542	120° 21' 36.805" E	15° 9' 7.862" N
543	120° 21' 37.965" E	15° 9' 7.042" N
544	120° 21' 39.022" E	15° 9' 4.802" N
545	120° 21' 39.344" E	15° 9' 3.806" N
546	120° 21' 39.578" E	15° 8' 59.586" N
547	120° 21' 40.417" E	15° 8' 58.290" N
548	120° 21' 40.429" E	15° 8' 57.315" N
549	120° 21' 40.295" E	15° 8' 56.157" N
550	120° 21' 39.188" E	15° 8' 55.275" N
551	120° 21' 38.759" E	15° 8' 51.556" N
552	120° 21' 39.479" E	15° 8' 49.951" N
553	120° 21' 40.998" E	15° 8' 47.508" N
554	120° 21' 39.754" E	15° 8' 45.744" N
555	120° 21' 38.470" E	15° 8' 45.201" N
556	120° 21' 37.775" E	15° 8' 43.379" N
557	120° 21' 38.165" E	15° 8' 41.462" N
558	120° 21' 38.955" E	15° 8' 41.566" N
559	120° 21' 39.974" E	15° 8' 41.163" N
560	120° 21' 40.463" E	15° 8' 39.574" N
561	120° 21' 40.651" E	15° 8' 39.431" N
562	120° 21' 37.521" E	15° 8' 35.591" N
563	120° 21' 37.901" E	15° 8' 31.712" N
564	120° 21' 39.086" E	15° 8' 30.633" N
565	120° 21' 39.380" E	15° 8' 28.135" N
566	120° 21' 39.800" E	15° 8' 27.064" N
567	120° 21' 39.533" E	15° 8' 26.826" N
568	120° 21' 38.416" E	15° 8' 24.386" N
569	120° 21' 37.661" E	15° 8' 23.308" N
570	120° 21' 37.025" E	15° 8' 18.227" N
571	120° 21' 37.103" E	15° 8' 17.180" N
572	120° 21' 36.700" E	15° 8' 15.235" N
573	120° 21' 35.461" E	15° 8' 12.955" N
574	120° 21' 35.299" E	15° 8' 12.052" N
575	120° 21' 35.115" E	15° 8' 11.905" N
576	120° 21' 34.669" E	15° 8' 9.778" N
577	120° 21' 32.816" E	15° 8' 8.301" N
578	120° 21' 31.937" E	15° 8' 7.207" N
579	120° 21' 30.563" E	15° 8' 6.112" N
580	120° 21' 28.902" E	15° 8' 3.016" N

581	120° 21' 28.061" E	15° 8' 1.886" N
582	120° 21' 26.818" E	15° 7' 59.611" N
583	120° 21' 22.366" E	15° 7' 56.463" N
584	120° 21' 21.587" E	15° 7' 56.761" N
585	120° 21' 19.916" E	15° 7' 58.060" N
586	120° 21' 18.666" E	15° 7' 58.600" N
587	120° 21' 17.375" E	15° 7' 59.454" N
588	120° 21' 9.651" E	15° 7' 59.810" N
589	120° 21' 6.788" E	15° 7' 56.620" N
590	120° 21' 3.856" E	15° 7' 55.921" N
591	120° 21' 3.209" E	15° 7' 55.570" N
592	120° 21' 2.525" E	15° 7' 55.255" N
593	120° 21' 1.879" E	15° 7' 54.904" N
594	120° 21' 1.194" E	15° 7' 54.589" N
595	120° 20' 59.886" E	15° 7' 53.580" N
596	120° 20' 58.440" E	15° 7' 52.534" N
597	120° 20' 57.412" E	15° 7' 51.388" N
598	120° 20' 53.602" E	15° 7' 51.919" N
599	120° 20' 52.512" E	15° 7' 52.843" N
600	120° 20' 51.211" E	15° 7' 54.779" N
601	120° 20' 47.471" E	15° 7' 54.428" N
602	120° 20' 44.139" E	15° 7' 53.642" N
603	120° 20' 42.468" E	15° 7' 53.719" N
604	120° 20' 42.128" E	15° 7' 53.695" N
605	120° 20' 40.287" E	15° 7' 54.171" N
606	120° 20' 38.889" E	15° 7' 55.655" N
607	120° 20' 38.089" E	15° 7' 55.599" N
608	120° 20' 35.414" E	15° 7' 56.028" N
609	120° 20' 35.025" E	15° 8' 0.785" N
610	120° 20' 34.656" E	15° 8' 2.063" N
611	120° 20' 34.312" E	15° 8' 3.422" N
612	120° 20' 33.270" E	15° 8' 4.305" N
613	120° 20' 32.553" E	15° 8' 5.066" N
614	120° 20' 31.936" E	15° 8' 6.928" N
615	120° 20' 30.159" E	15° 8' 8.908" N
616	120° 20' 29.195" E	15° 8' 10.883" N
617	120° 20' 26.208" E	15° 8' 12.173" N
618	120° 20' 25.826" E	15° 8' 13.685" N
619	120° 20' 25.464" E	15° 8' 14.312" N
620	120° 20' 24.724" E	15° 8' 15.830" N
621	120° 20' 23.767" E	15° 8' 16.244" N
622	120° 20' 20.380" E	15° 8' 19.095" N
623	120° 20' 20.405" E	15° 8' 19.605" N
624	120° 20' 18.685" E	15° 8' 21.062" N
625	120° 20' 15.981" E	15° 8' 23.930" N
626	120° 20' 14.763" E	15° 8' 24.592" N
627	120° 20' 12.745" E	15° 8' 22.343" N
628	120° 20' 11.025" E	15° 8' 21.252" N
629	120° 20' 9.699" E	15° 8' 18.354" N
630	120° 20' 9.354" E	15° 8' 17.718" N
631	120° 20' 9.057" E	15° 8' 16.141" N
632	120° 20' 11.089" E	15° 8' 13.657" N
633	120° 20' 11.485" E	15° 8' 7.883" N
634	120° 20' 10.831" E	15° 8' 6.679" N
635	120° 20' 10.479" E	15° 8' 5.911" N
636	120° 20' 7.333" E	15° 8' 6.056" N
637	120° 20' 4.789" E	15° 8' 5.878" N

638	120° 20' 2.184" E	15° 8' 3.750" N
639	120° 20' 0.909" E	15° 8' 2.328" N
640	120° 19' 58.508" E	15° 8' 1.655" N
641	120° 19' 55.545" E	15° 8' 0.765" N
642	120° 19' 54.037" E	15° 7' 59.085" N
643	120° 19' 52.484" E	15° 7' 58.099" N
644	120° 19' 49.429" E	15° 7' 57.508" N
645	120° 19' 48.512" E	15° 7' 55.504" N
646	120° 19' 43.753" E	15° 7' 51.348" N
647	120° 19' 41.758" E	15° 7' 49.125" N
648	120° 19' 41.290" E	15° 7' 48.101" N
649	120° 19' 38.266" E	15° 7' 47.433" N
650	120° 19' 37.093" E	15° 7' 47.008" N
651	120° 19' 36.147" E	15° 7' 43.508" N
652	120° 19' 34.046" E	15° 7' 41.988" N
653	120° 19' 33.035" E	15° 7' 39.778" N
654	120° 19' 30.244" E	15° 7' 37.295" N
655	120° 19' 29.730" E	15° 7' 35.607" N
656	120° 19' 27.217" E	15° 7' 32.789" N
657	120° 19' 25.526" E	15° 7' 32.260" N
658	120° 19' 25.098" E	15° 7' 31.324" N
659	120° 19' 24.158" E	15° 7' 29.983" N
660	120° 19' 23.708" E	15° 7' 27.996" N
661	120° 19' 21.081" E	15° 7' 25.050" N
662	120° 19' 18.719" E	15° 7' 24.311" N
663	120° 19' 16.475" E	15° 7' 22.748" N
664	120° 19' 14.818" E	15° 7' 22.824" N
665	120° 19' 13.181" E	15° 7' 22.710" N
666	120° 19' 10.710" E	15° 7' 23.674" N
667	120° 19' 9.237" E	15° 7' 25.238" N
668	120° 19' 7.804" E	15° 7' 25.916" N
669	120° 19' 3.663" E	15° 7' 22.254" N
670	120° 19' 1.809" E	15° 7' 19.991" N
671	120° 18' 59.451" E	15° 7' 19.657" N
672	120° 18' 57.670" E	15° 7' 19.265" N
673	120° 18' 55.809" E	15° 7' 17.969" N
674	120° 18' 53.603" E	15° 7' 17.542" N
675	120° 18' 51.325" E	15° 7' 15.956" N
676	120° 18' 49.721" E	15° 7' 14.937" N
677	120° 18' 49.050" E	15° 7' 14.189" N
678	120° 18' 48.338" E	15° 7' 12.632" N
679	120° 18' 46.167" E	15° 7' 11.369" N
680	120° 18' 43.145" E	15° 7' 8.659" N
681	120° 18' 41.857" E	15° 7' 8.066" N
682	120° 18' 39.595" E	15° 7' 6.149" N
683	120° 18' 39.067" E	15° 7' 5.561" N
684	120° 18' 37.798" E	15° 7' 4.440" N
685	120° 18' 35.692" E	15° 7' 5.520" N
686	120° 18' 33.893" E	15° 7' 4.050" N
687	120° 18' 32.874" E	15° 7' 3.731" N
688	120° 18' 31.580" E	15° 7' 3.263" N
689	120° 18' 29.407" E	15° 7' 2.082" N
690	120° 18' 27.285" E	15° 6' 58.750" N
691	120° 18' 25.205" E	15° 6' 56.076" N
692	120° 18' 24.370" E	15° 6' 54.250" N
693	120° 18' 22.643" E	15° 6' 52.228" N
694	120° 18' 20.855" E	15° 6' 49.943" N

695	120° 18' 18.824" E	15° 6' 49.550" N
696	120° 18' 17.113" E	15° 6' 47.642" N
697	120° 18' 16.016" E	15° 6' 46.946" N
698	120° 18' 15.704" E	15° 6' 46.599" N
699	120° 18' 15.230" E	15° 6' 46.177" N
700	120° 18' 13.835" E	15° 6' 45.534" N
701	120° 18' 11.858" E	15° 6' 45.625" N
702	120° 18' 10.855" E	15° 6' 45.555" N
703	120° 18' 9.439" E	15° 6' 45.620" N
704	120° 18' 7.634" E	15° 6' 44.639" N
705	120° 18' 5.781" E	15° 6' 42.573" N
706	120° 18' 4.365" E	15° 6' 42.638" N
707	120° 18' 2.571" E	15° 6' 42.513" N
708	120° 18' 0.710" E	15° 6' 41.217" N
709	120° 17' 59.692" E	15° 6' 40.898" N
710	120° 17' 58.116" E	15° 6' 39.681" N
711	120° 17' 57.744" E	15° 6' 37.604" N
712	120° 17' 57.366" E	15° 6' 36.541" N
713	120° 17' 56.158" E	15° 6' 35.466" N
714	120° 17' 54.751" E	15° 6' 32.947" N
715	120° 17' 54.109" E	15° 6' 32.376" N
716	120° 17' 53.687" E	15° 6' 31.905" N
717	120° 17' 53.145" E	15° 6' 30.721" N
718	120° 17' 52.800" E	15° 6' 30.084" N
719	120° 17' 52.220" E	15° 6' 28.817" N
720	120° 17' 52.016" E	15° 6' 26.651" N
721	120° 17' 50.945" E	15° 6' 25.664" N
722	120° 17' 50.507" E	15° 6' 23.274" N
723	120° 17' 51.300" E	15° 6' 21.157" N
724	120° 17' 50.931" E	15° 6' 19.328" N
725	120° 17' 50.533" E	15° 6' 15.725" N
726	120° 17' 49.644" E	15° 6' 15.749" N
727	120° 17' 48.807" E	15° 6' 15.707" N
728	120° 17' 48.204" E	15° 6' 15.723" N
729	120° 17' 46.659" E	15° 6' 14.062" N
730	120° 17' 45.800" E	15° 6' 13.269" N
731	120° 17' 45.006" E	15° 6' 12.416" N
732	120° 17' 43.092" E	15° 6' 11.510" N
733	120° 17' 39.651" E	15° 6' 8.537" N
734	120° 17' 38.250" E	15° 6' 8.088" N
735	120° 17' 37.044" E	15° 6' 6.791" N
736	120° 17' 33.866" E	15° 6' 7.155" N
737	120° 17' 31.978" E	15° 6' 6.487" N
738	120° 17' 29.308" E	15° 6' 2.857" N
739	120° 17' 27.051" E	15° 6' 2.133" N
740	120° 17' 24.415" E	15° 5' 59.812" N
741	120° 17' 23.432" E	15° 5' 59.838" N
742	120° 17' 21.698" E	15° 5' 58.513" N
743	120° 17' 20.311" E	15° 5' 54.066" N
744	120° 17' 19.808" E	15° 5' 52.616" N
745	120° 17' 19.503" E	15° 5' 51.299" N
746	120° 17' 18.850" E	15° 5' 49.027" N
747	120° 17' 18.527" E	15° 5' 46.886" N
748	120° 17' 14.718" E	15° 5' 44.431" N
749	120° 17' 12.975" E	15° 5' 43.235" N
750	120° 17' 11.922" E	15° 5' 42.103" N
751	120° 17' 11.518" E	15° 5' 41.785" N

752	120° 17' 9.558" E	15° 5' 42.763" N
753	120° 17' 8.029" E	15° 5' 42.686" N
754	120° 17' 5.476" E	15° 5' 42.003" N
755	120° 17' 2.912" E	15° 5' 40.044" N
756	120° 17' 1.565" E	15° 5' 39.715" N
757	120° 17' 0.455" E	15° 5' 38.953" N
758	120° 17' 0.633" E	15° 5' 35.633" N
759	120° 17' 0.568" E	15° 5' 33.324" N
760	120° 17' 1.025" E	15° 5' 32.508" N
761	120° 17' 0.973" E	15° 5' 30.643" N
762	120° 16' 59.008" E	15° 5' 30.254" N
763	120° 16' 57.909" E	15° 5' 29.499" N
764	120° 16' 56.508" E	15° 5' 29.958" N
765	120° 16' 54.817" E	15° 5' 29.359" N
766	120° 16' 54.332" E	15° 5' 27.802" N
767	120° 16' 54.378" E	15° 5' 26.935" N
768	120° 16' 53.370" E	15° 5' 25.624" N
769	120° 16' 54.649" E	15° 5' 25.057" N
770	120° 16' 55.762" E	15° 5' 24.332" N
771	120° 16' 55.742" E	15° 5' 23.637" N
772	120° 16' 54.514" E	15° 5' 22.503" N
773	120° 16' 55.365" E	15° 5' 20.985" N
774	120° 16' 53.834" E	15° 5' 19.573" N
775	120° 16' 53.155" E	15° 5' 17.814" N
776	120° 16' 52.485" E	15° 5' 17.196" N
777	120° 16' 52.188" E	15° 5' 14.876" N
778	120° 16' 51.740" E	15° 5' 14.028" N
779	120° 16' 52.130" E	15° 5' 6.739" N
780	120° 16' 52.145" E	15° 5' 4.638" N
781	120° 16' 52.085" E	15° 5' 2.595" N
782	120° 16' 52.855" E	15° 5' 1.395" N
783	120° 16' 53.331" E	15° 5' 0.908" N
784	120° 16' 51.803" E	15° 5' 1.686" N
785	120° 16' 28.678" E	15° 5' 13.453" N
786	120° 16' 5.553" E	15° 5' 25.220" N
787	120° 15' 42.427" E	15° 5' 36.985" N
788	120° 15' 30.771" E	15° 5' 42.915" N
789	120° 15' 19.300" E	15° 5' 48.750" N
790	120° 14' 56.173" E	15° 6' 0.514" N
791	120° 14' 5.511" E	15° 6' 26.281" N
792	120° 13' 17.328" E	15° 6' 50.781" N
793	120° 12' 51.861" E	15° 7' 3.729" N
794	120° 12' 12.958" E	15° 7' 3.793" N
795	120° 10' 52.358" E	15° 9' 32.534" N
796	120° 10' 51.619" E	15° 9' 33.897" N
797	120° 10' 10.613" E	15° 10' 49.539" N
798	120° 9' 59.819" E	15° 11' 9.447" N
799	120° 9' 52.682" E	15° 11' 22.609" N
800	120° 9' 42.796" E	15° 11' 40.839" N
801	120° 9' 38.398" E	15° 11' 48.950" N
802	120° 9' 31.448" E	15° 12' 1.766" N
803	120° 9' 25.682" E	15° 12' 12.396" N
804	120° 9' 14.015" E	15° 12' 17.747" N
805	120° 6' 55.730" E	15° 13' 21.148" N
806	120° 4' 34.441" E	15° 14' 25.889" N
807	120° 4' 3.965" E	15° 14' 5.966" N
808	120° 3' 27.199" E	15° 13' 41.929" N

809	120° 3' 26.405" E	15° 13' 41.410" N
810	120° 3' 24.722" E	15° 13' 40.241" N
811	120° 3' 17.415" E	15° 13' 35.165" N
812	120° 3' 17.274" E	15° 13' 35.295" N
813	120° 3' 16.824" E	15° 13' 35.505" N
814	120° 3' 16.265" E	15° 13' 35.607" N
815	120° 3' 16.103" E	15° 13' 36.105" N
816	120° 3' 15.735" E	15° 13' 36.726" N
817	120° 3' 15.084" E	15° 13' 38.092" N

The total land area of the Bucao Watershed is 53,547.03 hectares, more or less.

BAGSIT RIVER WATERSHED

CORNER	LONGITUDE	LATITUDE
1	120° 7' 39.934" E	15° 25' 56.962" N
2	120° 7' 40.414" E	15° 25' 57.190" N
3	120° 7' 35.473" E	15° 25' 57.441" N
4	120° 7' 39.934" E	15° 25' 56.962" N
5	120° 7' 31.710" E	15° 25' 53.049" N
6	120° 7' 27.181" E	15° 25' 51.709" N
7	120° 7' 20.602" E	15° 25' 47.763" N
8	120° 7' 8.794" E	15° 25' 42.144" N
9	120° 6' 26.837" E	15° 25' 33.307" N
10	120° 6' 23.522" E	15° 25' 32.609" N
11	120° 5' 33.441" E	15° 25' 11.996" N
12	120° 4' 48.844" E	15° 25' 5.217" N
13	120° 4' 43.395" E	15° 24' 58.040" N
14	120° 4' 37.750" E	15° 24' 50.603" N
15	120° 4' 36.678" E	15° 24' 49.191" N
16	120° 4' 31.430" E	15° 24' 42.278" N
17	120° 3' 42.146" E	15° 25' 6.401" N
18	120° 3' 12.643" E	15° 25' 2.489" N
19	120° 3' 1.787" E	15° 25' 1.049" N
20	120° 2' 52.684" E	15° 24' 52.670" N
21	120° 2' 39.367" E	15° 24' 57.277" N
22	120° 2' 22.032" E	15° 25' 3.272" N
23	120° 2' 19.205" E	15° 25' 0.174" N
24	120° 2' 19.303" E	15° 25' 0.158" N
25	120° 1' 9.441" E	15° 23' 40.411" N
26	119° 59' 41.087" E	15° 23' 19.265" N
27	119° 58' 59.468" E	15° 23' 3.562" N
28	119° 58' 18.273" E	15° 23' 7.819" N
29	119° 57' 52.786" E	15° 23' 4.719" N
30	119° 56' 19.415" E	15° 22' 31.014" N
31	119° 56' 18.918" E	15° 22' 37.928" N
32	119° 56' 18.692" E	15° 22' 37.378" N
33	119° 56' 18.449" E	15° 22' 36.787" N
34	119° 56' 17.605" E	15° 22' 34.738" N
35	119° 56' 16.838" E	15° 22' 35.778" N
36	119° 56' 16.056" E	15° 22' 36.219" N
37	119° 56' 16.630" E	15° 22' 39.385" N
38	119° 56' 15.604" E	15° 22' 42.429" N
39	119° 56' 15.640" E	15° 22' 43.938" N
40	119° 56' 15.678" E	15° 22' 45.499" N

41	119° 56' 15.679" E	15° 22' 45.530" N
42	119° 56' 15.647" E	15° 22' 45.595" N
43	119° 56' 12.415" E	15° 22' 52.036" N
44	119° 56' 9.957" E	15° 22' 55.211" N
45	119° 56' 3.263" E	15° 23' 0.734" N
46	119° 55' 51.665" E	15° 23' 7.058" N
47	119° 55' 44.857" E	15° 23' 10.435" N
48	119° 55' 38.688" E	15° 23' 13.496" N
49	119° 55' 36.628" E	15° 23' 13.000" N
50	119° 55' 34.259" E	15° 23' 14.838" N
51	119° 55' 34.830" E	15° 23' 19.036" N
52	119° 55' 34.215" E	15° 23' 20.232" N
53	119° 55' 32.664" E	15° 23' 22.486" N
54	119° 55' 30.838" E	15° 23' 24.692" N
55	119° 55' 29.485" E	15° 23' 26.056" N
56	119° 55' 28.357" E	15° 23' 27.692" N
57	119° 55' 27.838" E	15° 23' 28.577" N
58	119° 55' 26.476" E	15° 23' 30.521" N
59	119° 55' 25.259" E	15° 23' 31.932" N
60	119° 55' 23.068" E	15° 23' 33.999" N
61	119° 55' 20.782" E	15° 23' 36.198" N
62	119° 55' 19.335" E	15° 23' 37.651" N
63	119° 55' 18.176" E	15° 23' 38.304" N
64	119° 55' 16.002" E	15° 23' 39.166" N
65	119° 55' 14.247" E	15° 23' 39.677" N
66	119° 55' 11.477" E	15° 23' 40.353" N
67	119° 55' 9.955" E	15° 23' 40.688" N
68	119° 55' 8.654" E	15° 23' 41.563" N
69	119° 55' 7.306" E	15° 23' 42.570" N
70	119° 55' 5.626" E	15° 23' 44.243" N
71	119° 55' 40.176" E	15° 23' 56.875" N
72	119° 56' 17.876" E	15° 24' 19.587" N
73	119° 56' 24.496" E	15° 24' 39.805" N
74	119° 56' 52.470" E	15° 24' 34.061" N
75	119° 57' 54.206" E	15° 24' 32.155" N
76	119° 58' 41.290" E	15° 24' 37.958" N
77	119° 59' 37.379" E	15° 25' 23.449" N
78	120° 0' 20.290" E	15° 26' 13.231" N
79	120° 1' 9.754" E	15° 26' 27.499" N
80	120° 1' 16.618" E	15° 26' 31.204" N
81	120° 1' 21.879" E	15° 26' 35.404" N
82	120° 1' 28.189" E	15° 26' 40.650" N
83	120° 1' 48.752" E	15° 26' 53.829" N
84	120° 1' 57.250" E	15° 26' 54.975" N
85	120° 2' 4.698" E	15° 26' 55.074" N
86	120° 2' 22.217" E	15° 26' 57.889" N
87	120° 2' 40.283" E	15° 26' 59.679" N
88	120° 2' 48.226" E	15° 27' 2.365" N
89	120° 2' 53.495" E	15° 27' 6.049" N
90	120° 2' 57.656" E	15° 27' 12.814" N
91	120° 3' 5.010" E	15° 27' 19.621" N
92	120° 3' 8.136" E	15° 27' 24.308" N
93	120° 3' 13.886" E	15° 27' 31.610" N
94	120° 3' 26.983" E	15° 27' 46.236" N
95	120° 3' 36.479" E	15° 27' 52.039" N
96	120° 3' 41.756" E	15° 27' 55.206" N
97	120° 3' 55.057" E	15° 27' 55.383" N

98	120° 4' 12.552" E	15° 27' 52.518" N
99	120° 4' 19.520" E	15° 27' 48.997" N
100	120° 4' 36.625" E	15° 27' 43.546" N
101	120° 4' 44.117" E	15° 27' 40.548" N
102	120° 4' 54.830" E	15° 27' 35.528" N
103	120° 5' 4.407" E	15° 27' 35.654" N
104	120° 5' 13.402" E	15° 27' 39.385" N
105	120° 5' 20.764" E	15° 27' 45.676" N
106	120° 5' 35.568" E	15° 27' 52.580" N
107	120° 5' 47.798" E	15° 27' 53.257" N
108	120° 6' 1.617" E	15° 27' 54.470" N
109	120° 6' 18.061" E	15° 27' 58.298" N
110	120° 6' 28.631" E	15° 28' 3.598" N
111	120° 6' 40.265" E	15° 28' 8.911" N
112	120° 6' 57.552" E	15° 28' 28.750" N
113	120° 6' 59.048" E	15° 28' 35.996" N
114	120° 7' 5.780" E	15° 28' 49.504" N
115	120° 7' 9.699" E	15° 28' 54.615" N
116	120° 7' 12.576" E	15° 28' 58.367" N
117	120° 7' 23.672" E	15° 29' 4.189" N
118	120° 7' 30.554" E	15° 29' 6.859" N
119	120° 7' 41.254" E	15° 29' 2.869" N
120	120° 8' 0.425" E	15° 29' 2.085" N
121	120° 8' 18.042" E	15° 28' 58.184" N
122	120° 8' 27.251" E	15° 28' 46.432" N
123	120° 8' 30.075" E	15° 28' 34.597" N
124	120° 8' 34.403" E	15° 28' 29.491" N
125	120° 8' 44.037" E	15° 28' 25.486" N
126	120° 8' 53.679" E	15° 28' 20.965" N
127	120° 9' 0.688" E	15° 28' 14.345" N
128	120° 9' 4.512" E	15° 28' 7.168" N
129	120° 9' 7.306" E	15° 27' 57.397" N
130	120° 9' 9.555" E	15° 27' 48.651" N
131	120° 9' 16.726" E	15° 27' 30.161" N
132	120° 9' 18.533" E	15° 27' 14.700" N
133	120° 9' 19.453" E	15° 27' 11.728" N
134	120° 9' 12.545" E	15° 27' 8.945" N
135	120° 9' 8.835" E	15° 27' 7.865" N
136	120° 9' 4.124" E	15° 27' 2.126" N
137	120° 9' 3.138" E	15° 26' 56.436" N
138	120° 8' 53.709" E	15° 26' 45.475" N
139	120° 8' 53.248" E	15° 26' 40.308" N
140	120° 8' 53.843" E	15° 26' 35.670" N
141	120° 8' 40.691" E	15° 26' 24.661" N
142	120° 8' 31.171" E	15° 26' 20.409" N
143	120° 8' 20.069" E	15° 26' 15.104" N
144	120° 8' 12.181" E	15° 26' 8.293" N
145	120° 8' 6.393" E	15° 26' 3.572" N
146	120° 7' 57.419" E	15° 25' 58.295" N
147	120° 7' 55.540" E	15° 25' 56.422" N
148	120° 7' 53.220" E	15° 25' 54.111" N
149	120° 7' 43.609" E	15° 25' 56.568" N

The total land area of the Bagsit River Sub-watershed is 10,326.29 hectares, more or less.

TAMBAK RIVER WATERSHED

CORNER	LONGITUDE	LATITUDE
1	119° 59' 39.245" E	15° 18' 27.133" N
2	119° 59' 36.055" E	15° 18' 45.516" N
3	120° 0' 9.871" E	15° 19' 22.313" N
4	120° 0' 15.393" E	15° 19' 36.021" N
5	120° 0' 10.864" E	15° 19' 55.228" N
6	120° 0' 18.192" E	15° 20' 28.358" N
7	120° 0' 8.656" E	15° 20' 44.174" N
8	119° 59' 56.524" E	15° 21' 21.086" N
9	120° 0' 17.906" E	15° 21' 44.599" N
10	120° 0' 43.695" E	15° 22' 33.049" N
11	120° 1' 9.441" E	15° 23' 40.411" N
12	120° 2' 22.032" E	15° 25' 3.272" N
13	120° 2' 52.684" E	15° 24' 52.670" N
14	120° 3' 1.787" E	15° 25' 1.049" N
15	120° 3' 42.146" E	15° 25' 6.401" N
16	120° 4' 31.430" E	15° 24' 42.278" N
17	120° 4' 48.844" E	15° 25' 5.217" N
18	120° 5' 33.441" E	15° 25' 11.996" N
19	120° 6' 23.522" E	15° 25' 32.609" N
20	120° 7' 8.794" E	15° 25' 42.144" N
21	120° 7' 40.414" E	15° 25' 57.190" N
22	120° 9' 10.388" E	15° 25' 52.617" N
23	120° 9' 10.113" E	15° 24' 55.979" N
24	120° 9' 9.609" E	15° 24' 25.452" N
25	120° 9' 36.456" E	15° 23' 10.596" N
26	120° 10' 4.455" E	15° 21' 51.455" N
27	120° 8' 24.358" E	15° 21' 41.505" N
28	120° 2' 7.852" E	15° 20' 49.102" N
29	120° 2' 2.159" E	15° 20' 34.772" N
30	120° 2' 1.629" E	15° 20' 33.236" N
31	120° 2' 1.287" E	15° 20' 32.487" N
32	120° 2' 2.180" E	15° 20' 31.456" N
33	120° 2' 3.390" E	15° 20' 29.623" N
34	120° 2' 3.020" E	15° 20' 28.520" N
35	120° 2' 3.259" E	15° 20' 27.177" N
36	120° 2' 3.456" E	15° 20' 25.048" N
37	120° 2' 3.270" E	15° 20' 23.606" N
38	120° 2' 3.296" E	15° 20' 21.401" N
39	120° 2' 2.164" E	15° 20' 21.090" N
40	120° 2' 0.681" E	15° 20' 20.586" N
41	120° 1' 59.733" E	15° 20' 19.902" N
42	120° 1' 57.971" E	15° 20' 19.998" N
43	120° 1' 56.071" E	15° 20' 20.324" N
44	120° 1' 55.041" E	15° 20' 19.847" N
45	120° 1' 54.595" E	15° 20' 18.516" N
46	120° 1' 54.296" E	15° 20' 16.721" N
47	120° 1' 53.664" E	15° 20' 15.405" N
48	120° 1' 53.478" E	15° 20' 13.344" N
49	120° 1' 53.412" E	15° 20' 11.004" N
50	120° 1' 53.286" E	15° 20' 7.892" N
51	120° 1' 53.787" E	15° 20' 6.279" N
52	120° 1' 52.838" E	15° 20' 4.400" N
53	120° 1' 52.622" E	15° 20' 2.117" N
54	120° 1' 53.340" E	15° 19' 59.924" N

55	120° 1' 54.161" E	15° 19' 57.163" N
56	120° 1' 55.031" E	15° 19' 54.376" N
57	120° 1' 53.747" E	15° 19' 51.793" N
58	120° 1' 52.172" E	15° 19' 49.531" N
59	120° 1' 50.311" E	15° 19' 48.284" N
60	120° 1' 47.639" E	15° 19' 49.206" N
61	120° 1' 45.119" E	15° 19' 50.907" N
62	120° 1' 41.759" E	15° 19' 51.290" N
63	120° 1' 39.587" E	15° 19' 51.106" N
64	120° 1' 37.507" E	15° 19' 51.060" N
65	120° 1' 35.856" E	15° 19' 52.005" N
66	120° 1' 34.386" E	15° 19' 51.780" N
67	120° 1' 33.435" E	15° 19' 50.529" N
68	120° 1' 31.717" E	15° 19' 50.022" N
69	120° 1' 30.681" E	15° 19' 49.748" N
70	120° 1' 29.417" E	15° 19' 49.883" N
71	120° 1' 28.295" E	15° 19' 50.352" N
72	120° 1' 27.529" E	15° 19' 50.691" N
73	120° 1' 28.049" E	15° 19' 52.128" N
74	120° 1' 27.941" E	15° 19' 54.977" N
75	120° 1' 26.991" E	15° 19' 56.019" N
76	120° 1' 25.151" E	15° 19' 56.337" N
77	120° 1' 23.371" E	15° 19' 56.275" N
78	120° 1' 21.027" E	15° 19' 56.193" N
79	120° 1' 20.168" E	15° 19' 56.163" N
80	120° 1' 19.272" E	15° 19' 56.904" N
81	120° 1' 18.932" E	15° 19' 57.437" N
82	120° 1' 17.932" E	15° 19' 57.639" N
83	120° 1' 17.161" E	15° 19' 57.306" N
84	120° 1' 15.707" E	15° 19' 56.862" N
85	120° 1' 15.031" E	15° 19' 54.601" N
86	120° 1' 14.544" E	15° 19' 52.598" N
87	120° 1' 13.755" E	15° 19' 49.926" N
88	120° 1' 12.285" E	15° 19' 47.334" N
89	120° 1' 10.513" E	15° 19' 46.927" N
90	120° 1' 10.071" E	15° 19' 45.493" N
91	120° 1' 10.043" E	15° 19' 44.107" N
92	120° 1' 8.154" E	15° 19' 43.605" N
93	120° 1' 6.777" E	15° 19' 43.490" N
94	120° 1' 5.922" E	15° 19' 43.476" N
95	120° 1' 4.920" E	15° 19' 43.188" N
96	120° 1' 2.595" E	15° 19' 43.578" N
97	120° 1' 1.624" E	15° 19' 45.755" N
98	120° 1' 0.114" E	15° 19' 47.934" N
99	120° 0' 58.265" E	15° 19' 48.110" N
100	120° 0' 55.905" E	15° 19' 47.997" N
101	120° 0' 54.372" E	15° 19' 46.038" N
102	120° 0' 54.037" E	15° 19' 43.852" N
103	120° 0' 54.413" E	15° 19' 42.509" N
104	120° 0' 55.441" E	15° 19' 40.741" N
105	120° 0' 56.143" E	15° 19' 39.533" N
106	120° 0' 56.873" E	15° 19' 36.966" N
107	120° 0' 56.629" E	15° 19' 35.774" N
108	120° 0' 56.317" E	15° 19' 31.701" N
109	120° 0' 55.872" E	15° 19' 29.665" N
110	120° 0' 53.644" E	15° 19' 29.062" N
111	120° 0' 52.100" E	15° 19' 28.387" N

112	120° 0' 50.500" E	15° 19' 27.337" N
113	120° 0' 49.121" E	15° 19' 26.011" N
114	120° 0' 47.420" E	15° 19' 24.907" N
115	120° 0' 43.723" E	15° 19' 24.606" N
116	120° 0' 40.692" E	15° 19' 24.480" N
117	120° 0' 38.659" E	15° 19' 24.216" N
118	120° 0' 37.039" E	15° 19' 23.330" N
119	120° 0' 34.533" E	15° 19' 20.818" N
120	120° 0' 32.769" E	15° 19' 20.086" N
121	120° 0' 31.267" E	15° 19' 19.721" N
122	120° 0' 28.548" E	15° 19' 19.183" N
123	120° 0' 26.874" E	15° 19' 18.440" N
124	120° 0' 25.723" E	15° 19' 17.522" N
125	120° 0' 24.371" E	15° 19' 16.082" N
126	120° 0' 23.317" E	15° 19' 13.866" N
127	120° 0' 20.633" E	15° 19' 13.014" N
128	120° 0' 18.311" E	15° 19' 12.063" N
129	120° 0' 16.301" E	15° 19' 11.219" N
130	120° 0' 14.504" E	15° 19' 9.504" N
131	120° 0' 13.237" E	15° 19' 8.551" N
132	120° 0' 12.218" E	15° 19' 8.017" N
133	120° 0' 9.019" E	15° 19' 9.303" N
134	120° 0' 6.803" E	15° 19' 10.237" N
135	120° 0' 4.403" E	15° 19' 3.108" N
136	120° 0' 1.872" E	15° 18' 58.149" N
137	119° 59' 58.612" E	15° 18' 55.667" N
138	119° 59' 51.454" E	15° 18' 41.565" N
139	119° 59' 49.263" E	15° 18' 37.794" N
140	119° 59' 46.847" E	15° 18' 35.469" N
141	119° 59' 44.212" E	15° 18' 31.002" N

The total land area of the Tambak River Sub-watershed is 12,262.98 hectares, more or less.

SALAZA RIVER WATERSHED

CORNER	LONGITUDE	LATITUDE
1	120° 7' 9.699" E	15° 28' 54.615" N
2	120° 7' 5.780" E	15° 28' 49.504" N
3	120° 6' 59.048" E	15° 28' 35.996" N
4	120° 6' 57.552" E	15° 28' 28.750" N
5	120° 6' 40.265" E	15° 28' 8.911" N
6	120° 6' 28.631" E	15° 28' 3.598" N
7	120° 6' 18.061" E	15° 27' 58.298" N
8	120° 6' 1.617" E	15° 27' 54.470" N
9	120° 5' 47.798" E	15° 27' 53.257" N
10	120° 5' 35.568" E	15° 27' 52.580" N
11	120° 5' 20.764" E	15° 27' 45.676" N
12	120° 5' 13.402" E	15° 27' 39.385" N
13	120° 5' 4.407" E	15° 27' 35.654" N
14	120° 4' 54.830" E	15° 27' 35.528" N
15	120° 4' 44.117" E	15° 27' 40.548" N
16	120° 4' 36.625" E	15° 27' 43.546" N
17	120° 4' 19.520" E	15° 27' 48.997" N
18	120° 4' 12.552" E	15° 27' 52.518" N
19	120° 3' 55.057" E	15° 27' 55.383" N

20	120° 3' 41.756" E	15° 27' 55.206" N
21	120° 3' 36.479" E	15° 27' 52.039" N
22	120° 3' 26.983" E	15° 27' 46.236" N
23	120° 3' 13.886" E	15° 27' 31.610" N
24	120° 3' 8.136" E	15° 27' 24.308" N
25	120° 3' 5.010" E	15° 27' 19.621" N
26	120° 2' 57.656" E	15° 27' 12.814" N
27	120° 2' 53.495" E	15° 27' 6.049" N
28	120° 2' 48.226" E	15° 27' 2.365" N
29	120° 2' 40.283" E	15° 26' 59.679" N
30	120° 2' 22.217" E	15° 26' 57.889" N
31	120° 2' 4.698" E	15° 26' 55.074" N
32	120° 1' 57.250" E	15° 26' 54.975" N
33	120° 1' 48.752" E	15° 26' 53.829" N
34	120° 1' 28.189" E	15° 26' 40.650" N
35	120° 1' 21.879" E	15° 26' 35.404" N
36	120° 1' 16.618" E	15° 26' 31.204" N
37	120° 1' 9.754" E	15° 26' 27.499" N
38	120° 1' 3.902" E	15° 26' 27.421" N
39	120° 0' 30.633" E	15° 26' 28.521" N
40	120° 0' 10.928" E	15° 26' 29.803" N
41	119° 59' 59.217" E	15° 26' 30.160" N
42	119° 59' 41.123" E	15° 26' 30.431" N
43	119° 59' 27.802" E	15° 26' 31.799" N
44	119° 59' 5.460" E	15° 26' 31.495" N
45	119° 58' 46.310" E	15° 26' 31.235" N
46	119° 58' 23.953" E	15° 26' 31.962" N
47	119° 58' 13.808" E	15° 26' 34.404" N
48	119° 58' 3.131" E	15° 26' 33.225" N
49	119° 57' 50.919" E	15° 26' 31.510" N
50	119° 57' 44.041" E	15° 26' 28.835" N
51	119° 57' 36.617" E	15° 26' 27.185" N
52	119° 57' 31.320" E	15° 26' 25.564" N
53	119° 57' 19.123" E	15° 26' 22.816" N
54	119° 57' 15.399" E	15° 26' 22.765" N
55	119° 57' 4.904" E	15° 26' 12.815" N
56	119° 56' 52.130" E	15° 26' 13.156" N
57	119° 56' 39.349" E	15° 26' 14.012" N
58	119° 56' 21.781" E	15° 26' 14.802" N
59	119° 56' 7.958" E	15° 26' 14.094" N
60	119° 55' 47.221" E	15° 26' 13.291" N
61	119° 55' 35.496" E	15° 26' 14.677" N
62	119° 55' 24.828" E	15° 26' 16.594" N
63	119° 55' 19.478" E	15° 26' 18.584" N
64	119° 54' 51.659" E	15° 26' 29.034" N
65	119° 54' 36.409" E	15° 26' 16.952" N
66	119° 54' 28.407" E	15° 26' 18.389" N
67	119° 54' 23.399" E	15° 26' 25.865" N
68	119° 54' 23.430" E	15° 26' 25.886" N
69	119° 54' 25.171" E	15° 26' 26.357" N
70	119° 54' 28.479" E	15° 26' 26.581" N
71	119° 54' 29.834" E	15° 26' 26.734" N
72	119° 54' 31.392" E	15° 26' 27.157" N
73	119° 54' 32.629" E	15° 26' 27.487" N
74	119° 54' 34.042" E	15° 26' 28.310" N
75	119° 54' 35.316" E	15° 26' 29.264" N
76	119° 54' 37.083" E	15° 26' 31.074" N

77	119° 54' 38.853" E	15° 26' 32.705" N
78	119° 54' 39.992" E	15° 26' 33.434" N
79	119° 54' 40.676" E	15° 26' 33.845" N
80	119° 54' 41.264" E	15° 26' 34.523" N
81	119° 54' 41.799" E	15° 26' 35.646" N
82	119° 54' 42.474" E	15° 26' 36.681" N
83	119° 54' 42.925" E	15° 26' 37.268" N
84	119° 54' 44.476" E	15° 26' 38.137" N
85	119° 54' 45.753" E	15° 26' 38.869" N
86	119° 54' 47.124" E	15° 26' 39.468" N
87	119° 54' 47.940" E	15° 26' 40.282" N
88	119° 54' 48.888" E	15° 26' 41.500" N
89	119° 54' 49.646" E	15° 26' 43.162" N
90	119° 54' 50.812" E	15° 26' 45.141" N
91	119° 54' 51.438" E	15° 26' 46.399" N
92	119° 54' 51.807" E	15° 26' 47.877" N
93	119° 54' 52.467" E	15° 26' 49.894" N
94	119° 54' 53.082" E	15° 26' 51.821" N
95	119° 54' 53.652" E	15° 26' 53.747" N
96	119° 54' 54.106" E	15° 26' 55.672" N
97	119° 54' 54.363" E	15° 26' 57.014" N
98	119° 54' 54.979" E	15° 26' 58.897" N
99	119° 54' 55.608" E	15° 26' 59.887" N
100	119° 54' 56.193" E	15° 27' 0.743" N
101	119° 54' 57.027" E	15° 27' 4.993" N
102	119° 54' 56.598" E	15° 27' 6.014" N
103	119° 54' 55.670" E	15° 27' 6.581" N
104	119° 54' 54.322" E	15° 27' 7.543" N
105	119° 54' 53.753" E	15° 27' 8.651" N
106	119° 54' 52.817" E	15° 27' 9.753" N
107	119° 54' 51.975" E	15° 27' 10.723" N
108	119° 54' 51.206" E	15° 27' 11.382" N
109	119° 54' 50.683" E	15° 27' 12.490" N
110	119° 54' 50.022" E	15° 27' 13.641" N
111	119° 54' 49.088" E	15° 27' 14.609" N
112	119° 54' 47.599" E	15° 27' 15.793" N
113	119° 54' 46.524" E	15° 27' 16.894" N
114	119° 54' 45.910" E	15° 27' 17.956" N
115	119° 54' 44.310" E	15° 27' 20.388" N
116	119° 54' 43.120" E	15° 27' 21.531" N
117	119° 54' 41.625" E	15° 27' 23.117" N
118	119° 54' 40.917" E	15° 27' 24.311" N
119	119° 54' 39.920" E	15° 27' 26.395" N
120	119° 54' 38.937" E	15° 27' 27.541" N
121	119° 54' 36.668" E	15° 27' 28.535" N
122	119° 54' 35.138" E	15° 27' 29.406" N
123	119° 54' 34.183" E	15° 27' 30.196" N
124	119° 54' 32.748" E	15° 27' 30.756" N
125	119° 54' 31.415" E	15° 27' 30.738" N
126	119° 54' 29.853" E	15° 27' 30.582" N
127	119° 54' 28.384" E	15° 27' 30.383" N
128	119° 54' 26.594" E	15° 27' 30.135" N
129	119° 54' 25.532" E	15° 27' 30.343" N
130	119° 54' 24.463" E	15° 27' 31.087" N
131	119° 54' 23.943" E	15° 27' 32.061" N
132	119° 54' 22.951" E	15° 27' 33.832" N
133	119° 54' 21.576" E	15° 27' 36.534" N

134	119° 54' 20.432" E	15° 27' 39.240" N
135	119° 54' 19.565" E	15° 27' 41.905" N
136	119° 54' 19.162" E	15° 27' 44.219" N
137	119° 54' 18.682" E	15° 27' 45.551" N
138	119° 54' 17.735" E	15° 27' 47.367" N
139	119° 54' 17.439" E	15° 27' 48.702" N
140	119° 54' 16.894" E	15° 27' 51.327" N
141	119° 54' 16.501" E	15° 27' 53.016" N
142	119° 54' 15.788" E	15° 27' 54.568" N
143	119° 54' 14.560" E	15° 27' 56.737" N
144	119° 54' 13.290" E	15° 27' 58.638" N
145	119° 54' 11.809" E	15° 28' 0.759" N
146	119° 54' 10.536" E	15° 28' 2.838" N
147	119° 54' 9.535" E	15° 28' 5.189" N
148	119° 54' 9.198" E	15° 28' 6.166" N
149	119° 54' 8.634" E	15° 28' 7.006" N
150	119° 54' 7.482" E	15° 28' 8.685" N
151	119° 54' 6.493" E	15° 28' 10.188" N
152	119° 54' 5.866" E	15° 28' 12.142" N
153	119° 54' 5.290" E	15° 28' 13.785" N
154	119° 54' 4.265" E	15° 28' 16.180" N
155	119° 54' 3.079" E	15° 28' 18.617" N
156	119° 54' 2.227" E	15° 28' 20.212" N
157	119° 54' 1.839" E	15° 28' 21.500" N
158	119° 54' 1.292" E	15° 28' 24.303" N
159	119° 54' 0.030" E	15° 28' 31.781" N
160	119° 53' 59.144" E	15° 28' 35.695" N
161	119° 53' 58.338" E	15° 28' 38.807" N
162	119° 53' 57.906" E	15° 28' 40.006" N
163	119° 53' 57.339" E	15° 28' 41.024" N
164	119° 53' 56.821" E	15° 28' 41.865" N
165	119° 53' 55.935" E	15° 28' 42.611" N
166	119° 53' 54.867" E	15° 28' 43.310" N
167	119° 53' 54.114" E	15° 28' 44.414" N
168	119° 53' 53.734" E	15° 28' 45.257" N
169	119° 53' 53.720" E	15° 28' 46.194" N
170	119° 53' 54.164" E	15° 28' 47.226" N
171	119° 53' 54.545" E	15° 28' 47.945" N
172	119° 53' 55.129" E	15° 28' 48.890" N
173	119° 53' 56.269" E	15° 28' 49.531" N
174	119° 53' 57.810" E	15° 28' 51.114" N
175	119° 53' 59.395" E	15° 28' 52.787" N
176	119° 54' 0.662" E	15° 28' 54.188" N
177	119° 54' 1.656" E	15° 28' 55.451" N
178	119° 54' 2.149" E	15° 28' 56.306" N
179	119° 54' 2.415" E	15° 28' 56.979" N
180	119° 54' 3.049" E	15° 28' 57.657" N
181	119° 54' 3.907" E	15° 28' 58.740" N
182	119° 54' 4.127" E	15° 28' 59.412" N
183	119° 54' 4.158" E	15° 29' 0.439" N
184	119° 54' 4.281" E	15° 29' 1.422" N
185	119° 54' 4.458" E	15° 29' 1.916" N
186	119° 54' 5.450" E	15° 29' 3.223" N
187	119° 54' 5.766" E	15° 29' 3.674" N
188	119° 54' 5.710" E	15° 29' 4.298" N
189	119° 54' 5.883" E	15° 29' 5.059" N
190	119° 54' 6.425" E	15° 29' 5.736" N

191	119° 54' 7.173" E	15° 29' 6.505" N
192	119° 54' 7.482" E	15° 29' 7.357" N
193	119° 54' 7.609" E	15° 29' 8.072" N
194	119° 54' 7.418" E	15° 29' 8.605" N
195	119° 54' 7.404" E	15° 29' 9.497" N
196	119° 54' 7.937" E	15° 29' 10.799" N
197	119° 54' 8.785" E	15° 29' 12.550" N
198	119° 54' 9.505" E	15° 29' 13.631" N
199	119° 54' 10.962" E	15° 29' 14.678" N
200	119° 54' 11.456" E	15° 29' 15.443" N
201	119° 54' 11.518" E	15° 29' 15.935" N
202	119° 54' 10.811" E	15° 29' 17.085" N
203	119° 54' 10.013" E	15° 29' 18.100" N
204	119° 54' 9.538" E	15° 29' 19.120" N
205	119° 54' 9.526" E	15° 29' 19.923" N
206	119° 54' 9.687" E	15° 29' 21.487" N
207	119° 54' 9.801" E	15° 29' 23.094" N
208	119° 54' 9.866" E	15° 29' 24.880" N
209	119° 54' 9.790" E	15° 29' 25.370" N
210	119° 54' 9.640" E	15° 29' 26.215" N
211	119° 54' 8.747" E	15° 29' 27.452" N
212	119° 54' 7.996" E	15° 29' 28.423" N
213	119° 54' 7.566" E	15° 29' 29.533" N
214	119° 54' 7.539" E	15° 29' 31.317" N
215	119° 54' 7.338" E	15° 29' 32.474" N
216	119° 54' 6.626" E	15° 29' 33.937" N
217	119° 54' 6.418" E	15° 29' 35.540" N
218	119° 54' 6.494" E	15° 29' 36.612" N
219	119° 54' 6.800" E	15° 29' 37.687" N
220	119° 54' 8.118" E	15° 29' 38.776" N
221	119° 54' 8.935" E	15° 29' 39.546" N
222	119° 54' 10.107" E	15° 29' 41.124" N
223	119° 54' 11.287" E	15° 29' 42.256" N
224	119° 54' 12.655" E	15° 29' 43.078" N
225	119° 54' 14.170" E	15° 29' 43.278" N
226	119° 54' 15.278" E	15° 29' 43.026" N
227	119° 54' 16.161" E	15° 29' 42.414" N
228	119° 54' 17.375" E	15° 29' 41.226" N
229	119° 54' 18.044" E	15° 29' 39.584" N
230	119° 54' 18.546" E	15° 29' 36.736" N
231	119° 54' 18.913" E	15° 29' 35.313" N
232	119° 54' 19.677" E	15° 29' 33.405" N
233	119° 54' 20.958" E	15° 29' 30.791" N
234	119° 54' 21.170" E	15° 29' 28.965" N
235	119° 54' 21.427" E	15° 29' 27.094" N
236	119° 54' 21.633" E	15° 29' 25.625" N
237	119° 54' 21.943" E	15° 29' 23.398" N
238	119° 54' 21.616" E	15° 29' 22.144" N
239	119° 54' 20.769" E	15° 29' 20.303" N
240	119° 54' 19.643" E	15° 29' 18.726" N
241	119° 54' 18.933" E	15° 29' 16.931" N
242	119° 54' 18.861" E	15° 29' 15.592" N
243	119° 54' 19.011" E	15° 29' 14.791" N
244	119° 54' 19.761" E	15° 29' 13.864" N
245	119° 54' 20.272" E	15° 29' 13.559" N
246	119° 54' 21.479" E	15° 29' 12.817" N
247	119° 54' 23.251" E	15° 29' 11.236" N

248	119° 54' 24.304" E	15° 29' 10.046" N
249	119° 54' 25.567" E	15° 29' 8.636" N
250	119° 54' 26.172" E	15° 29' 8.154" N
251	119° 54' 27.281" E	15° 29' 7.812" N
252	119° 54' 28.158" E	15° 29' 7.646" N
253	119° 54' 29.131" E	15° 29' 7.169" N
254	119° 54' 29.647" E	15° 29' 6.507" N
255	119° 54' 30.068" E	15° 29' 4.505" N
256	119° 54' 30.536" E	15° 29' 3.976" N
257	119° 54' 31.694" E	15° 29' 3.412" N
258	119° 54' 32.296" E	15° 29' 3.153" N
259	119° 54' 32.588" E	15° 29' 2.131" N
260	119° 54' 33.424" E	15° 29' 1.562" N
261	119° 54' 33.930" E	15° 29' 1.570" N
262	119° 54' 35.070" E	15° 29' 2.255" N
263	119° 54' 35.843" E	15° 29' 2.890" N
264	119° 54' 36.623" E	15° 29' 3.035" N
265	119° 54' 37.726" E	15° 29' 3.095" N
266	119° 54' 38.419" E	15° 29' 2.882" N
267	119° 54' 40.092" E	15° 29' 1.790" N
268	119° 54' 40.519" E	15° 29' 0.903" N
269	119° 54' 41.544" E	15° 29' 0.025" N
270	119° 54' 42.561" E	15° 28' 59.682" N
271	119° 54' 42.914" E	15° 28' 59.152" N
272	119° 54' 43.165" E	15° 28' 57.772" N
273	119° 54' 43.460" E	15° 28' 56.482" N
274	119° 54' 43.156" E	15° 28' 55.274" N
275	119° 54' 43.349" E	15° 28' 54.696" N
276	119° 54' 43.856" E	15° 28' 54.569" N
277	119° 54' 44.864" E	15° 28' 54.851" N
278	119° 54' 45.556" E	15° 28' 54.727" N
279	119° 54' 46.492" E	15° 28' 53.714" N
280	119° 54' 47.611" E	15° 28' 52.703" N
281	119° 54' 49.282" E	15° 28' 51.700" N
282	119° 54' 50.163" E	15° 28' 51.222" N
283	119° 54' 51.186" E	15° 28' 50.522" N
284	119° 54' 51.843" E	15° 28' 49.594" N
285	119° 54' 52.597" E	15° 28' 48.400" N
286	119° 54' 53.346" E	15° 28' 47.518" N
287	119° 54' 54.364" E	15° 28' 47.176" N
288	119° 54' 55.563" E	15° 28' 46.925" N
289	119° 54' 56.493" E	15° 28' 46.313" N
290	119° 54' 57.260" E	15° 28' 45.744" N
291	119° 54' 58.015" E	15° 28' 44.505" N
292	119° 54' 59.173" E	15° 28' 43.986" N
293	119° 54' 59.911" E	15° 28' 43.817" N
294	119° 55' 1.490" E	15° 28' 42.813" N
295	119° 55' 4.039" E	15° 28' 41.555" N
296	119° 55' 6.255" E	15° 28' 41.050" N
297	119° 55' 8.075" E	15° 28' 40.853" N
298	119° 55' 10.058" E	15° 28' 40.523" N
299	119° 55' 10.937" E	15° 28' 40.179" N
300	119° 55' 11.590" E	15° 28' 39.608" N
301	119° 55' 12.750" E	15° 28' 38.955" N
302	119° 55' 14.091" E	15° 28' 38.482" N
303	119° 55' 15.521" E	15° 28' 38.235" N
304	119° 55' 16.629" E	15° 28' 37.938" N

305	119° 55' 18.517" E	15° 28' 36.313" N
306	119° 55' 19.818" E	15° 28' 35.394" N
307	119° 55' 21.106" E	15° 28' 35.412" N
308	119° 55' 21.516" E	15° 28' 35.730" N
309	119° 55' 22.148" E	15° 28' 36.542" N
310	119° 55' 22.548" E	15° 28' 37.440" N
311	119° 55' 23.094" E	15° 28' 37.849" N
312	119° 55' 24.750" E	15° 28' 37.872" N
313	119° 55' 26.386" E	15° 28' 39.234" N
314	119° 55' 27.757" E	15° 28' 39.877" N
315	119° 55' 28.721" E	15° 28' 40.024" N
316	119° 55' 29.644" E	15° 28' 39.814" N
317	119° 55' 30.134" E	15° 28' 39.330" N
318	119° 55' 30.929" E	15° 28' 38.494" N
319	119° 55' 32.133" E	15° 28' 37.975" N
320	119° 55' 33.377" E	15° 28' 37.858" N
321	119° 55' 34.205" E	15° 28' 37.825" N
322	119° 55' 35.082" E	15° 28' 37.614" N
323	119° 55' 36.190" E	15° 28' 37.362" N
324	119° 55' 37.108" E	15° 28' 37.509" N
325	119° 55' 37.610" E	15° 28' 37.828" N
326	119° 55' 38.618" E	15° 28' 38.065" N
327	119° 55' 40.918" E	15° 28' 38.097" N
328	119° 55' 42.523" E	15° 28' 38.476" N
329	119° 55' 43.985" E	15° 28' 39.166" N
330	119° 55' 45.895" E	15° 28' 40.665" N
331	119° 55' 47.506" E	15° 28' 42.159" N
332	119° 55' 48.823" E	15° 28' 43.338" N
333	119° 55' 50.832" E	15° 28' 44.347" N
334	119° 55' 51.972" E	15° 28' 45.032" N
335	119° 55' 53.807" E	15° 28' 45.370" N
336	119° 55' 55.694" E	15° 28' 45.352" N
337	119° 55' 57.213" E	15° 28' 45.284" N
338	119° 55' 58.808" E	15° 28' 44.770" N
339	119° 56' 0.615" E	15° 28' 43.903" N
340	119° 56' 1.955" E	15° 28' 43.520" N
341	119° 56' 3.285" E	15° 28' 43.761" N
342	119° 56' 4.935" E	15° 28' 44.231" N
343	119° 56' 6.361" E	15° 28' 44.250" N
344	119° 56' 7.692" E	15° 28' 44.447" N
345	119° 56' 9.064" E	15° 28' 45.002" N
346	119° 56' 10.441" E	15° 28' 45.244" N
347	119° 56' 11.821" E	15° 28' 45.263" N
348	119° 56' 13.104" E	15° 28' 45.593" N
349	119° 56' 14.061" E	15° 28' 46.186" N
350	119° 56' 14.812" E	15° 28' 46.777" N
351	119° 56' 16.185" E	15° 28' 47.242" N
352	119° 56' 16.966" E	15° 28' 47.342" N
353	119° 56' 17.888" E	15° 28' 47.176" N
354	119° 56' 19.234" E	15° 28' 46.392" N
355	119° 56' 20.251" E	15° 28' 46.049" N
356	119° 56' 21.218" E	15° 28' 46.018" N
357	119° 56' 22.412" E	15° 28' 46.168" N
358	119° 56' 23.556" E	15° 28' 46.585" N
359	119° 56' 24.889" E	15° 28' 46.649" N
360	119° 56' 26.086" E	15° 28' 46.576" N
361	119° 56' 27.880" E	15° 28' 46.645" N

362	119° 56' 29.280" E	15° 28' 46.843" N
363	119° 56' 30.839" E	15° 28' 47.222" N
364	119° 56' 32.343" E	15° 28' 48.135" N
365	119° 56' 33.623" E	15° 28' 48.733" N
366	119° 56' 35.086" E	15° 28' 49.377" N
367	119° 56' 36.226" E	15° 28' 50.018" N
368	119° 56' 37.637" E	15° 28' 51.108" N
369	119° 56' 38.932" E	15° 28' 52.197" N
370	119° 56' 40.243" E	15° 28' 53.732" N
371	119° 56' 41.368" E	15° 28' 55.488" N
372	119° 56' 42.574" E	15° 28' 57.914" N
373	119° 56' 43.650" E	15° 28' 59.847" N
374	119° 56' 44.100" E	15° 29' 0.523" N
375	119° 56' 45.081" E	15° 29' 1.072" N
376	119° 56' 46.222" E	15° 29' 1.757" N
377	119° 56' 46.949" E	15° 29' 3.706" N
378	119° 56' 47.605" E	15° 29' 4.406" N
379	119° 56' 47.713" E	15° 29' 4.884" N
380	119° 56' 47.399" E	15° 29' 5.536" N
381	119° 56' 47.051" E	15° 29' 6.122" N
382	119° 56' 46.841" E	15° 29' 6.612" N
383	119° 56' 48.292" E	15° 29' 9.213" N
384	119° 56' 50.268" E	15° 29' 9.982" N
385	119° 56' 51.185" E	15° 29' 9.945" N
386	119° 56' 52.063" E	15° 29' 9.167" N
387	119° 56' 52.635" E	15° 29' 8.335" N
388	119° 56' 53.541" E	15° 29' 6.774" N
389	119° 56' 54.980" E	15° 29' 4.693" N
390	119° 56' 55.793" E	15° 29' 3.517" N
391	119° 56' 58.736" E	15° 29' 2.244" N
392	119° 57' 1.258" E	15° 29' 1.927" N
393	119° 57' 4.341" E	15° 29' 2.420" N
394	119° 57' 7.459" E	15° 29' 3.098" N
395	119° 57' 9.077" E	15° 29' 3.000" N
396	119° 57' 10.331" E	15° 29' 2.294" N
397	119° 57' 11.719" E	15° 29' 0.986" N
398	119° 57' 13.472" E	15° 29' 0.166" N
399	119° 57' 15.340" E	15° 28' 59.683" N
400	119° 57' 18.211" E	15° 28' 59.266" N
401	119° 57' 20.342" E	15° 28' 58.090" N
402	119° 57' 22.970" E	15° 28' 57.040" N
403	119° 57' 24.455" E	15° 28' 57.543" N
404	119° 57' 25.552" E	15° 28' 59.006" N
405	119° 57' 26.515" E	15° 29' 0.026" N
406	119° 57' 28.524" E	15° 28' 59.891" N
407	119° 57' 31.276" E	15° 28' 58.843" N
408	119° 57' 33.382" E	15° 28' 58.392" N
409	119° 57' 36.157" E	15° 28' 58.104" N
410	119° 57' 35.030" E	15° 28' 54.550" N
411	119° 58' 40.387" E	15° 28' 50.210" N
412	119° 59' 53.208" E	15° 28' 59.901" N
413	120° 0' 7.466" E	15° 29' 4.509" N
414	120° 1' 11.296" E	15° 29' 13.995" N
415	120° 2' 22.514" E	15° 29' 24.844" N
416	120° 4' 4.262" E	15° 29' 53.783" N
417	120° 4' 36.904" E	15° 29' 57.993" N
418	120° 4' 57.467" E	15° 30' 4.414" N

419	120° 5' 57.210" E	15° 30' 17.382" N
420	120° 6' 45.907" E	15° 30' 24.276" N
421	120° 6' 47.795" E	15° 30' 13.861" N
422	120° 6' 50.014" E	15° 30' 7.352" N
423	120° 6' 54.051" E	15° 29' 57.770" N
424	120° 6' 59.449" E	15° 29' 52.335" N
425	120° 7' 3.466" E	15° 29' 44.129" N
426	120° 7' 3.542" E	15° 29' 38.624" N
427	120° 7' 6.873" E	15° 29' 28.689" N
428	120° 7' 9.178" E	15° 29' 15.987" N
429	120° 7' 8.617" E	15° 29' 5.313" N

The total land area of the Salaza River Sub-watershed is 10,122,46 hectares, more or less.

LAUIS RIVER WATERSHED

CORNER	LONGITUDE	LATITUDE
1	120° 11' 57.319" E	15° 31' 34.420" N
2	120° 9' 18.429" E	15° 27' 9.309" N
3	120° 9' 11.878" E	15° 27' 45.686" N
4	120° 8' 51.978" E	15° 28' 21.991" N
5	120° 8' 20.217" E	15° 29' 1.247" N
6	120° 7' 9.995" E	15° 29' 0.456" N
7	120° 7' 2.770" E	15° 29' 43.026" N
8	120° 6' 47.766" E	15° 30' 12.097" N
9	120° 6' 6.941" E	15° 30' 16.705" N
10	120° 5' 59.077" E	15° 30' 20.473" N
11	120° 5' 9.354" E	15° 30' 36.335" N
12	120° 4' 26.409" E	15° 31' 2.090" N
13	120° 4' 8.912" E	15° 31' 34.890" N
14	120° 3' 43.359" E	15° 31' 35.066" N
15	120° 3' 17.913" E	15° 32' 5.178" N
16	120° 2' 48.589" E	15° 32' 8.398" N
17	120° 2' 18.406" E	15° 32' 24.096" N
18	120° 1' 39.305" E	15° 32' 18.615" N
19	120° 2' 0.391" E	15° 33' 2.769" N
20	120° 1' 23.582" E	15° 33' 45.109" N
21	120° 0' 28.877" E	15° 33' 36.110" N
22	119° 59' 46.221" E	15° 34' 17.333" N
23	119° 58' 11.369" E	15° 34' 23.257" N
24	119° 57' 2.056" E	15° 34' 46.943" N
25	119° 56' 36.747" E	15° 34' 42.149" N
26	119° 56' 30.202" E	15° 34' 40.910" N
27	119° 56' 21.184" E	15° 34' 31.946" N
28	119° 56' 20.254" E	15° 34' 31.886" N
29	119° 56' 19.918" E	15° 34' 31.838" N
30	119° 56' 19.904" E	15° 34' 31.836" N
31	119° 56' 19.574" E	15° 34' 31.736" N
32	119° 56' 19.074" E	15° 34' 31.596" N
33	119° 56' 18.684" E	15° 34' 31.506" N
34	119° 56' 18.084" E	15° 34' 31.446" N
35	119° 56' 17.434" E	15° 34' 31.476" N
36	119° 56' 16.615" E	15° 34' 31.447" N
37	119° 56' 16.594" E	15° 34' 31.446" N
38	119° 56' 15.904" E	15° 34' 31.476" N
39	119° 56' 15.364" E	15° 34' 31.496" N

40	119° 56' 15.024" E	15° 34' 31.396" N
41	119° 56' 14.594" E	15° 34' 31.296" N
42	119° 56' 14.244" E	15° 34' 31.236" N
43	119° 56' 13.934" E	15° 34' 31.136" N
44	119° 56' 13.724" E	15° 34' 30.986" N
45	119° 56' 13.044" E	15° 34' 30.536" N
46	119° 56' 11.834" E	15° 34' 29.946" N
47	119° 56' 10.894" E	15° 34' 29.616" N
48	119° 56' 9.824" E	15° 34' 29.306" N
49	119° 56' 9.254" E	15° 34' 29.016" N
50	119° 56' 8.794" E	15° 34' 28.746" N
51	119° 56' 8.174" E	15° 34' 28.596" N
52	119° 56' 7.774" E	15° 34' 28.416" N
53	119° 56' 7.374" E	15° 34' 28.056" N
54	119° 56' 6.704" E	15° 34' 27.766" N
55	119° 56' 5.794" E	15° 34' 27.456" N
56	119° 56' 5.224" E	15° 34' 27.246" N
57	119° 56' 4.614" E	15° 34' 27.096" N
58	119° 56' 4.174" E	15° 34' 27.016" N
59	119° 56' 3.704" E	15° 34' 26.856" N
60	119° 56' 3.374" E	15° 34' 26.776" N
61	119° 56' 3.074" E	15° 34' 26.596" N
62	119° 56' 2.904" E	15° 34' 26.326" N
63	119° 56' 2.724" E	15° 34' 26.116" N
64	119° 56' 3.214" E	15° 34' 24.766" N
65	119° 56' 2.294" E	15° 34' 24.606" N
66	119° 56' 1.974" E	15° 34' 25.506" N
67	119° 56' 0.944" E	15° 34' 25.546" N
68	119° 55' 59.754" E	15° 34' 25.536" N
69	119° 55' 58.484" E	15° 34' 25.416" N
70	119° 55' 57.054" E	15° 34' 25.206" N
71	119° 55' 56.904" E	15° 34' 25.796" N
72	119° 55' 56.454" E	15° 34' 25.876" N
73	119° 55' 55.194" E	15° 34' 25.876" N
74	119° 55' 54.156" E	15° 34' 25.647" N
75	119° 55' 53.091" E	15° 34' 25.466" N
76	119° 55' 52.417" E	15° 34' 25.347" N
77	119° 55' 52.035" E	15° 34' 25.310" N
78	119° 55' 51.634" E	15° 34' 25.264" N
79	119° 55' 48.160" E	15° 34' 24.904" N
80	119° 55' 47.444" E	15° 34' 24.858" N
81	119° 55' 44.514" E	15° 34' 24.856" N
82	119° 55' 44.534" E	15° 34' 24.596" N
83	119° 55' 40.554" E	15° 34' 24.206" N
84	119° 55' 40.464" E	15° 34' 24.436" N
85	119° 55' 40.174" E	15° 34' 24.356" N
86	119° 55' 40.304" E	15° 34' 23.766" N
87	119° 55' 37.544" E	15° 34' 23.166" N
88	119° 55' 37.814" E	15° 34' 22.226" N
89	119° 55' 37.584" E	15° 34' 22.186" N
90	119° 55' 37.274" E	15° 34' 23.276" N
91	119° 55' 37.114" E	15° 34' 23.326" N
92	119° 55' 36.844" E	15° 34' 23.326" N
93	119° 55' 36.464" E	15° 34' 23.246" N
94	119° 55' 35.604" E	15° 34' 23.056" N
95	119° 55' 35.084" E	15° 34' 22.906" N
96	119° 55' 34.574" E	15° 34' 22.666" N

97	119° 55' 33.944" E	15° 34' 22.356" N
98	119° 55' 33.014" E	15° 34' 21.926" N
99	119° 55' 32.434" E	15° 34' 21.606" N
100	119° 55' 31.604" E	15° 34' 21.106" N
101	119° 55' 27.013" E	15° 34' 7.955" N
102	119° 55' 26.673" E	15° 34' 7.125" N
103	119° 55' 25.102" E	15° 34' 2.152" N
104	119° 55' 20.903" E	15° 33' 50.684" N
105	119° 55' 20.643" E	15° 33' 49.774" N
106	119° 55' 19.850" E	15° 33' 47.280" N
107	119° 55' 12.578" E	15° 33' 49.709" N
108	119° 55' 11.573" E	15° 33' 51.455" N
109	119° 55' 10.833" E	15° 33' 51.735" N
110	119° 55' 10.363" E	15° 33' 51.825" N
111	119° 55' 9.933" E	15° 33' 52.035" N
112	119° 55' 9.493" E	15° 33' 52.205" N
113	119° 55' 8.923" E	15° 33' 52.235" N
114	119° 55' 7.683" E	15° 33' 52.255" N
115	119° 55' 6.323" E	15° 33' 52.205" N
116	119° 55' 5.503" E	15° 33' 52.115" N
117	119° 55' 3.653" E	15° 33' 51.985" N
118	119° 55' 3.763" E	15° 33' 51.575" N
119	119° 55' 3.473" E	15° 33' 51.475" N
120	119° 55' 3.093" E	15° 33' 51.515" N
121	119° 55' 2.853" E	15° 33' 51.555" N
122	119° 55' 2.583" E	15° 33' 51.735" N
123	119° 55' 2.353" E	15° 33' 51.735" N
124	119° 55' 1.753" E	15° 33' 51.625" N
125	119° 55' 1.263" E	15° 33' 51.645" N
126	119° 55' 0.833" E	15° 33' 51.735" N
127	119° 55' 0.000" E	15° 33' 52.025" N
128	119° 54' 59.333" E	15° 33' 52.365" N
129	119° 54' 58.393" E	15° 33' 52.895" N
130	119° 54' 57.293" E	15° 33' 53.218" N
131	119° 54' 56.178" E	15° 33' 53.694" N
132	119° 54' 55.458" E	15° 33' 53.910" N
133	119° 54' 54.660" E	15° 33' 54.308" N
134	119° 54' 53.660" E	15° 33' 54.855" N
135	119° 54' 52.635" E	15° 33' 55.715" N
136	119° 54' 52.017" E	15° 33' 56.976" N
137	119° 54' 51.793" E	15° 33' 57.366" N
138	119° 54' 51.623" E	15° 33' 57.576" N
139	119° 54' 51.383" E	15° 33' 57.796" N
140	119° 54' 51.273" E	15° 33' 57.996" N
141	119° 54' 51.113" E	15° 33' 58.426" N
142	119° 54' 50.893" E	15° 33' 59.136" N
143	119° 54' 50.793" E	15° 33' 59.306" N
144	119° 54' 50.513" E	15° 33' 59.606" N
145	119° 54' 50.283" E	15° 33' 59.886" N
146	119° 54' 50.103" E	15° 34' 0.266" N
147	119° 54' 49.983" E	15° 34' 0.956" N
148	119° 54' 49.913" E	15° 34' 2.086" N
149	119° 54' 49.929" E	15° 34' 4.795" N
150	119° 54' 50.003" E	15° 34' 5.496" N
151	119° 54' 49.953" E	15° 34' 6.926" N
152	119° 54' 49.833" E	15° 34' 7.626" N
153	119° 54' 49.513" E	15° 34' 8.656" N

154	119° 54' 49.053" E	15° 34' 9.446" N
155	119° 54' 48.653" E	15° 34' 10.066" N
156	119° 54' 48.483" E	15° 34' 10.386" N
157	119° 54' 48.393" E	15° 34' 10.586" N
158	119° 54' 48.393" E	15° 34' 10.896" N
159	119° 54' 48.423" E	15° 34' 11.236" N
160	119° 54' 48.473" E	15° 34' 11.747" N
161	119° 54' 48.593" E	15° 34' 12.287" N
162	119° 54' 48.633" E	15° 34' 12.897" N
163	119° 54' 48.813" E	15° 34' 13.837" N
164	119° 54' 48.903" E	15° 34' 14.497" N
165	119° 54' 48.873" E	15° 34' 15.147" N
166	119° 54' 48.923" E	15° 34' 15.837" N
167	119° 54' 48.683" E	15° 34' 16.757" N
168	119° 54' 48.533" E	15° 34' 17.327" N
169	119° 54' 48.423" E	15° 34' 17.797" N
170	119° 54' 48.633" E	15° 34' 18.937" N
171	119° 54' 48.853" E	15° 34' 19.657" N
172	119° 54' 48.853" E	15° 34' 19.837" N
173	119° 54' 49.003" E	15° 34' 20.237" N
174	119° 54' 48.948" E	15° 34' 21.082" N
175	119° 54' 49.069" E	15° 34' 21.842" N
176	119° 54' 49.674" E	15° 34' 22.337" N
177	119° 54' 49.794" E	15° 34' 22.517" N
178	119° 54' 50.044" E	15° 34' 22.747" N
179	119° 54' 50.474" E	15° 34' 23.257" N
180	119° 54' 50.554" E	15° 34' 23.497" N
181	119° 54' 50.854" E	15° 34' 23.647" N
182	119° 54' 51.204" E	15° 34' 23.857" N
183	119° 54' 51.654" E	15° 34' 24.277" N
184	119° 54' 52.384" E	15° 34' 24.997" N
185	119° 54' 52.894" E	15° 34' 25.537" N
186	119° 54' 53.204" E	15° 34' 25.847" N
187	119° 54' 53.764" E	15° 34' 26.157" N
188	119° 54' 54.004" E	15° 34' 26.347" N
189	119° 54' 54.294" E	15° 34' 26.607" N
190	119° 54' 54.434" E	15° 34' 26.837" N
191	119° 54' 54.734" E	15° 34' 27.007" N
192	119° 54' 55.044" E	15° 34' 27.237" N
193	119° 54' 55.374" E	15° 34' 27.597" N
194	119° 54' 55.484" E	15° 34' 27.857" N
195	119° 54' 55.534" E	15° 34' 28.127" N
196	119° 54' 55.514" E	15° 34' 28.327" N
197	119° 54' 55.414" E	15° 34' 28.597" N
198	119° 54' 55.264" E	15° 34' 28.897" N
199	119° 54' 55.234" E	15° 34' 29.257" N
200	119° 54' 55.244" E	15° 34' 29.597" N
201	119° 54' 55.424" E	15° 34' 29.918" N
202	119° 54' 55.964" E	15° 34' 30.638" N
203	119° 54' 56.594" E	15° 34' 31.208" N
204	119° 54' 57.114" E	15° 34' 31.798" N
205	119° 54' 57.424" E	15° 34' 32.158" N
206	119° 54' 57.764" E	15° 34' 32.788" N
207	119° 54' 58.194" E	15° 34' 33.428" N
208	119° 54' 58.724" E	15° 34' 34.708" N
209	119° 54' 59.024" E	15° 34' 35.558" N
210	119° 54' 59.414" E	15° 34' 36.608" N

211	119° 54' 59.704" E	15° 34' 37.548" N
212	119° 54' 59.874" E	15° 34' 38.198" N
213	119° 55' 0.054" E	15° 34' 39.278" N
214	119° 55' 0.368" E	15° 34' 41.318" N
215	119° 55' 0.534" E	15° 34' 42.178" N
216	119° 55' 0.714" E	15° 34' 43.578" N
217	119° 55' 0.854" E	15° 34' 45.128" N
218	119° 55' 1.074" E	15° 34' 46.498" N
219	119° 55' 1.174" E	15° 34' 47.779" N
220	119° 55' 1.164" E	15° 34' 48.429" N
221	119° 55' 1.094" E	15° 34' 49.599" N
222	119° 55' 1.214" E	15° 34' 50.869" N
223	119° 55' 1.144" E	15° 34' 52.859" N
224	119° 55' 0.964" E	15° 34' 55.029" N
225	119° 55' 0.654" E	15° 34' 56.589" N
226	119° 55' 0.294" E	15° 34' 58.839" N
227	119° 54' 59.904" E	15° 35' 0.619" N
228	119° 54' 59.524" E	15° 35' 2.329" N
229	119° 54' 59.225" E	15° 35' 4.210" N
230	119° 54' 58.965" E	15° 35' 6.530" N
231	119° 54' 58.735" E	15° 35' 8.040" N
232	119° 54' 58.475" E	15° 35' 9.640" N
233	119° 54' 58.245" E	15° 35' 10.320" N
234	119° 54' 57.915" E	15° 35' 12.420" N
235	119° 54' 57.805" E	15° 35' 13.600" N
236	119° 54' 57.705" E	15° 35' 15.260" N
237	119° 54' 57.355" E	15° 35' 16.300" N
238	119° 54' 56.935" E	15° 35' 17.780" N
239	119° 54' 56.395" E	15° 35' 19.391" N
240	119° 54' 55.775" E	15° 35' 21.501" N
241	119° 54' 55.559" E	15° 35' 22.228" N
242	119° 54' 54.205" E	15° 35' 26.911" N
243	119° 54' 53.795" E	15° 35' 28.471" N
244	119° 54' 53.365" E	15° 35' 29.811" N
245	119° 54' 52.795" E	15° 35' 31.221" N
246	119° 54' 52.225" E	15° 35' 32.742" N
247	119° 54' 51.925" E	15° 35' 33.772" N
248	119° 54' 51.765" E	15° 35' 34.582" N
249	119° 54' 51.435" E	15° 35' 35.452" N
250	119° 54' 51.105" E	15° 35' 36.452" N
251	119° 54' 50.655" E	15° 35' 37.432" N
252	119° 54' 50.315" E	15° 35' 38.302" N
253	119° 54' 50.105" E	15° 35' 38.952" N
254	119° 54' 49.465" E	15° 35' 40.262" N
255	119° 54' 49.225" E	15° 35' 40.772" N
256	119° 54' 48.905" E	15° 35' 41.502" N
257	119° 54' 48.045" E	15° 35' 42.542" N
258	119° 54' 47.205" E	15° 35' 43.622" N
259	119° 54' 46.575" E	15° 35' 44.382" N
260	119° 54' 46.215" E	15° 35' 44.792" N
261	119° 54' 45.905" E	15° 35' 45.212" N
262	119° 54' 45.735" E	15° 35' 45.632" N
263	119° 54' 45.455" E	15° 35' 46.803" N
264	119° 54' 45.106" E	15° 35' 48.523" N
265	119° 54' 45.046" E	15° 35' 49.163" N
266	119° 54' 44.846" E	15° 35' 49.603" N
267	119° 54' 44.596" E	15° 35' 50.413" N

268	119° 54' 44.486" E	15° 35' 51.293" N
269	119° 54' 44.306" E	15° 35' 52.743" N
270	119° 54' 44.126" E	15° 35' 53.603" N
271	119° 54' 44.176" E	15° 35' 53.933" N
272	119° 54' 43.901" E	15° 35' 54.518" N
273	119° 54' 41.669" E	15° 35' 56.922" N
274	119° 54' 37.742" E	15° 36' 12.223" N
275	119° 54' 35.879" E	15° 36' 22.869" N
276	119° 54' 35.486" E	15° 36' 27.766" N
277	119° 54' 33.981" E	15° 36' 33.751" N
278	119° 54' 29.564" E	15° 36' 44.877" N
279	119° 54' 26.076" E	15° 36' 52.569" N
280	119° 55' 39.560" E	15° 36' 57.482" N
281	119° 55' 56.652" E	15° 36' 32.584" N
282	119° 57' 14.472" E	15° 36' 16.396" N
283	119° 58' 5.468" E	15° 36' 6.522" N
284	119° 58' 34.639" E	15° 36' 32.471" N
285	119° 59' 17.243" E	15° 36' 35.164" N
286	119° 59' 38.499" E	15° 36' 23.447" N
287	119° 59' 39.837" E	15° 36' 25.053" N
288	120° 0' 5.468" E	15° 36' 32.889" N
289	120° 0' 8.849" E	15° 36' 38.728" N
290	120° 0' 12.638" E	15° 36' 39.497" N
291	120° 0' 23.986" E	15° 36' 52.554" N
292	120° 0' 23.359" E	15° 37' 3.781" N
293	120° 0' 36.987" E	15° 37' 26.993" N
294	120° 0' 35.593" E	15° 37' 49.683" N
295	120° 1' 3.443" E	15° 38' 36.917" N
296	120° 1' 4.605" E	15° 38' 38.823" N
297	120° 1' 4.673" E	15° 38' 39.400" N
298	120° 1' 12.376" E	15° 38' 47.962" N
299	120° 1' 32.432" E	15° 39' 0.621" N
300	120° 1' 40.622" E	15° 39' 5.119" N
301	120° 2' 0.718" E	15° 38' 56.618" N
302	120° 2' 15.673" E	15° 38' 53.724" N
303	120° 2' 28.827" E	15° 39' 17.277" N
304	120° 2' 36.386" E	15° 39' 24.946" N
305	120° 2' 43.264" E	15° 39' 31.923" N
306	120° 2' 50.633" E	15° 39' 38.044" N
307	120° 2' 50.894" E	15° 39' 44.585" N
308	120° 2' 45.222" E	15° 39' 51.265" N
309	120° 2' 47.427" E	15° 42' 13.075" N
310	120° 2' 52.236" E	15° 42' 18.118" N
311	120° 3' 4.348" E	15° 42' 15.544" N
312	120° 3' 8.408" E	15° 42' 19.083" N
313	120° 3' 9.021" E	15° 42' 30.042" N
314	120° 3' 13.273" E	15° 42' 38.064" N
315	120° 3' 18.820" E	15° 42' 45.357" N
316	120° 3' 35.232" E	15° 42' 47.569" N
317	120° 3' 45.204" E	15° 42' 50.939" N
318	120° 3' 47.976" E	15° 42' 54.709" N
319	120° 3' 54.237" E	15° 43' 5.994" N
320	120° 3' 58.062" E	15° 43' 8.036" N
321	120° 4' 8.644" E	15° 43' 4.694" N
322	120° 4' 17.674" E	15° 43' 2.078" N
323	120° 4' 28.848" E	15° 42' 53.267" N
324	120° 4' 36.076" E	15° 42' 50.875" N

325	120° 4' 43.537" E	15° 42' 50.229" N
326	120° 4' 49.751" E	15° 42' 46.827" N
327	120° 5' 10.658" E	15° 42' 40.138" N
328	120° 5' 15.912" E	15° 42' 31.995" N
329	120° 5' 25.638" E	15° 42' 34.613" N
330	120° 5' 33.274" E	15° 42' 39.693" N
331	120° 5' 38.827" E	15° 42' 46.736" N
332	120° 5' 48.810" E	15° 42' 49.358" N
333	120° 5' 59.757" E	15° 42' 56.472" N
334	120° 6' 2.748" E	15° 43' 2.983" N
335	120° 6' 17.718" E	15° 43' 16.373" N
336	120° 6' 17.676" E	15° 43' 19.360" N
337	120° 6' 22.891" E	15° 43' 32.122" N
338	120° 6' 29.641" E	15° 43' 45.403" N
339	120° 6' 42.395" E	15° 43' 52.044" N
340	120° 6' 59.767" E	15° 43' 59.243" N
341	120° 7' 19.701" E	15° 44' 18.633" N
342	120° 7' 31.177" E	15° 44' 16.227" N
343	120° 7' 37.329" E	15° 44' 16.877" N
344	120° 7' 42.871" E	15° 44' 19.223" N
345	120° 7' 56.807" E	15° 44' 29.637" N
346	120° 7' 58.464" E	15° 44' 37.047" N
347	120° 8' 4.536" E	15° 44' 43.379" N
348	120° 8' 15.616" E	15° 44' 48.356" N
349	120° 8' 29.351" E	15° 44' 52.230" N
350	120° 8' 34.307" E	15° 44' 54.569" N
351	120° 9' 8.035" E	15° 43' 22.466" N
352	120° 9' 32.890" E	15° 41' 29.339" N
353	120° 9' 49.422" E	15° 41' 7.321" N
354	120° 9' 56.661" E	15° 40' 59.069" N
355	120° 9' 46.121" E	15° 40' 18.607" N
356	120° 9' 43.002" E	15° 39' 23.187" N
357	120° 9' 38.640" E	15° 38' 37.429" N
358	120° 9' 54.036" E	15° 38' 7.265" N
359	120° 10' 25.936" E	15° 37' 47.245" N
360	120° 9' 58.423" E	15° 37' 30.760" N
361	120° 9' 38.045" E	15° 37' 6.567" N
362	120° 9' 59.829" E	15° 36' 20.164" N
363	120° 11' 12.660" E	15° 36' 0.601" N
364	120° 11' 10.444" E	15° 35' 27.882" N
365	120° 10' 54.691" E	15° 34' 47.139" N
366	120° 10' 45.549" E	15° 34' 26.052" N
367	120° 11' 57.319" E	15° 31' 34.420" N

The total land area of the Lauis River Watershed is 42,749.86 hectares, more or less.

NAYOM WATERSHED

CORNER	LONGITUDE	LATITUDE
1	119° 53' 25.979" E	15° 48' 29.726" N
2	119° 53' 32.292" E	15° 48' 38.951" N
3	119° 53' 46.082" E	15° 48' 46.359" N
4	119° 54' 5.434" E	15° 48' 47.117" N
5	119° 54' 17.801" E	15° 48' 50.178" N
6	119° 54' 45.593" E	15° 48' 51.054" N

7	119° 54' 59.405" E	15° 48' 57.020" N
8	119° 55' 24.943" E	15° 49' 15.651" N
9	119° 55' 40.757" E	15° 49' 20.683" N
10	119° 56' 19.056" E	15° 49' 16.417" N
11	119° 56' 26.985" E	15° 49' 17.490" N
12	119° 56' 34.870" E	15° 49' 21.448" N
13	119° 56' 39.252" E	15° 49' 27.279" N
14	119° 56' 40.159" E	15° 49' 41.491" N
15	119° 56' 41.605" E	15° 49' 49.065" N
16	119° 56' 52.742" E	15° 50' 9.363" N
17	119° 56' 52.485" E	15° 50' 26.480" N
18	119° 56' 57.006" E	15° 50' 37.118" N
19	119° 57' 3.676" E	15° 50' 43.254" N
20	119° 57' 3.924" E	15° 51' 1.385" N
21	119° 57' 18.455" E	15° 51' 3.603" N
22	119° 57' 35.519" E	15° 51' 10.389" N
23	119° 57' 44.631" E	15° 51' 27.134" N
24	119° 57' 48.196" E	15° 51' 32.220" N
25	119° 57' 48.091" E	15° 51' 39.268" N
26	119° 57' 42.829" E	15° 51' 43.222" N
27	119° 57' 35.812" E	15° 52' 0.244" N
28	119° 57' 34.651" E	15° 52' 8.284" N
29	119° 57' 38.721" E	15° 52' 14.384" N
30	119° 57' 49.047" E	15° 52' 19.565" N
31	119° 57' 51.030" E	15° 52' 26.138" N
32	119° 57' 46.499" E	15° 52' 50.748" N
33	119° 57' 53.645" E	15° 52' 59.913" N
34	119° 57' 56.690" E	15° 53' 4.991" N
35	119° 58' 11.873" E	15° 52' 58.658" N
36	119° 58' 18.069" E	15° 53' 1.766" N
37	119° 58' 24.673" E	15° 53' 12.433" N
38	119° 58' 37.481" E	15° 53' 25.704" N
39	119° 58' 37.361" E	15° 53' 33.759" N
40	119° 58' 42.985" E	15° 53' 40.384" N
41	119° 58' 44.395" E	15° 53' 50.475" N
42	119° 58' 46.898" E	15° 53' 57.056" N
43	119° 58' 46.250" E	15° 54' 5.607" N
44	119° 58' 52.342" E	15° 54' 15.763" N
45	119° 58' 57.884" E	15° 54' 27.926" N
46	119° 58' 58.511" E	15° 54' 55.630" N
47	119° 59' 5.282" E	15° 54' 55.221" N
48	119° 59' 11.495" E	15° 54' 57.322" N
49	119° 59' 18.823" E	15° 54' 54.403" N
50	119° 59' 30.901" E	15° 54' 47.019" N
51	119° 59' 39.820" E	15° 54' 42.107" N
52	119° 59' 50.172" E	15° 54' 45.776" N
53	119° 59' 56.347" E	15° 54' 50.394" N
54	120° 0' 0.494" E	15° 54' 51.459" N
55	120° 0' 2.085" E	15° 54' 49.467" N
56	120° 0' 2.687" E	15° 54' 43.936" N
57	120° 0' 1.298" E	15° 54' 32.335" N
58	119° 59' 59.925" E	15° 54' 19.727" N
59	120° 0' 3.723" E	15° 54' 9.205" N
60	120° 0' 6.414" E	15° 54' 3.200" N
61	120° 0' 11.675" E	15° 53' 59.245" N
62	120° 0' 11.727" E	15° 53' 55.720" N
63	120° 0' 9.706" E	15° 53' 51.664" N

64	120° 0' 13.957" E	15° 53' 45.680" N
65	120° 0' 18.699" E	15° 53' 41.717" N
66	120° 0' 28.739" E	15° 53' 31.282" N
67	120° 0' 33.963" E	15° 53' 29.844" N
68	120° 0' 40.867" E	15° 53' 20.371" N
69	120° 0' 58.151" E	15° 53' 12.553" N
70	120° 1' 11.119" E	15° 53' 15.250" N
71	120° 1' 17.383" E	15° 53' 13.826" N
72	120° 1' 35.589" E	15° 53' 14.077" N
73	120° 2' 0.281" E	15° 52' 57.798" N
74	120° 2' 9.667" E	15° 52' 56.416" N
75	120° 2' 18.421" E	15° 53' 2.579" N
76	120° 2' 20.318" E	15° 53' 15.194" N
77	120° 2' 29.109" E	15° 53' 18.840" N
78	120° 2' 31.629" E	15° 53' 24.414" N
79	120° 2' 32.002" E	15° 53' 34.490" N
80	120° 2' 36.083" E	15° 53' 40.085" N
81	120° 2' 39.702" E	15° 53' 41.646" N
82	120° 2' 51.807" E	15° 53' 32.243" N
83	120° 2' 57.595" E	15° 53' 27.790" N
84	120° 3' 3.860" E	15° 53' 26.365" N
85	120° 3' 10.564" E	15° 53' 30.485" N
86	120° 3' 21.459" E	15° 53' 32.648" N
87	120° 3' 24.111" E	15° 53' 29.159" N
88	120° 3' 32.251" E	15° 53' 41.860" N
89	120° 3' 42.509" E	15° 53' 52.071" N
90	120° 3' 42.436" E	15° 53' 57.106" N
91	120° 3' 48.620" E	15° 54' 1.218" N
92	120° 3' 54.321" E	15° 54' 2.807" N
93	120° 4' 0.894" E	15° 54' 15.989" N
94	120° 4' 10.757" E	15° 54' 17.634" N
95	120° 4' 15.527" E	15° 54' 11.656" N
96	120° 4' 22.239" E	15° 54' 15.272" N
97	120° 4' 32.615" E	15° 54' 17.427" N
98	120° 4' 36.842" E	15° 54' 12.952" N
99	120° 4' 44.639" E	15° 54' 13.561" N
100	120° 4' 51.474" E	15° 54' 8.617" N
101	120° 4' 58.252" E	15° 54' 7.702" N
102	120° 5' 6.005" E	15° 54' 11.332" N
103	120° 5' 16.352" E	15° 54' 15.500" N
104	120° 5' 22.530" E	15° 54' 20.116" N
105	120° 5' 29.271" E	15° 54' 21.717" N
106	120° 5' 37.632" E	15° 54' 19.312" N
107	120° 5' 42.820" E	15° 54' 20.389" N
108	120° 5' 45.363" E	15° 54' 24.452" N
109	120° 5' 58.890" E	15° 54' 24.634" N
110	120° 6' 4.649" E	15° 54' 22.193" N
111	120° 6' 6.824" E	15° 54' 15.676" N
112	120° 6' 15.741" E	15° 54' 10.759" N
113	120° 6' 22.591" E	15° 54' 4.808" N
114	120° 6' 23.826" E	15° 53' 51.228" N
115	120° 6' 28.558" E	15° 53' 47.766" N
116	120° 6' 28.117" E	15° 53' 42.220" N
117	120° 6' 17.806" E	15° 53' 35.535" N
118	120° 6' 17.878" E	15° 53' 30.500" N
119	120° 6' 25.197" E	15° 53' 28.080" N
120	120° 6' 29.431" E	15° 53' 23.101" N

121	120° 6' 31.735" E	15° 53' 7.520" N
122	120° 6' 40.159" E	15° 53' 0.583" N
123	120° 6' 49.096" E	15° 52' 54.155" N
124	120° 6' 54.305" E	15° 52' 53.721" N
125	120° 6' 59.500" E	15° 52' 54.294" N
126	120° 7' 3.213" E	15° 52' 49.308" N
127	120° 7' 3.783" E	15° 52' 45.790" N
128	120° 6' 59.245" E	15° 52' 35.657" N
129	120° 6' 54.194" E	15° 52' 25.014" N
130	120° 6' 51.166" E	15° 52' 18.427" N
131	120° 6' 39.345" E	15° 52' 8.197" N
132	120° 6' 41.555" E	15° 51' 59.162" N
133	120° 6' 43.700" E	15° 51' 54.658" N
134	120° 6' 41.742" E	15° 51' 46.071" N
135	120° 6' 34.696" E	15° 51' 29.358" N
136	120° 6' 34.262" E	15° 51' 23.309" N
137	120° 6' 39.037" E	15° 51' 16.826" N
138	120° 6' 45.899" E	15° 51' 9.867" N
139	120° 6' 52.205" E	15° 51' 5.419" N
140	120° 6' 57.406" E	15° 51' 5.488" N
141	120° 7' 4.588" E	15° 51' 12.634" N
142	120° 7' 14.506" E	15° 51' 10.248" N
143	120° 7' 26.462" E	15° 51' 10.911" N
144	120° 7' 34.250" E	15° 51' 12.021" N
145	120° 7' 38.917" E	15° 51' 13.091" N
146	120° 7' 48.657" E	15° 51' 23.292" N
147	120° 7' 49.120" E	15° 50' 50.564" N
148	120° 7' 46.648" E	15° 50' 41.466" N
149	120° 7' 44.710" E	15° 50' 31.368" N
150	120° 7' 41.703" E	15° 50' 23.270" N
151	120° 7' 31.422" E	15° 50' 14.573" N
152	120° 7' 33.068" E	15° 50' 8.551" N
153	120° 7' 37.293" E	15° 50' 4.075" N
154	120° 7' 41.560" E	15° 49' 56.577" N
155	120° 7' 36.545" E	15° 49' 43.417" N
156	120° 7' 35.633" E	15° 49' 34.340" N
157	120° 7' 33.652" E	15° 49' 27.263" N
158	120° 7' 32.683" E	15° 49' 22.214" N
159	120° 7' 34.286" E	15° 49' 19.214" N
160	120° 7' 41.096" E	15° 49' 15.779" N
161	120° 7' 46.888" E	15° 49' 10.820" N
162	120° 7' 54.774" E	15° 49' 4.881" N
163	120° 7' 58.963" E	15° 49' 2.922" N
164	120° 8' 6.778" E	15° 49' 2.018" N
165	120° 8' 9.927" E	15° 49' 0.045" N
166	120° 8' 24.004" E	15° 48' 57.712" N
167	120° 8' 43.900" E	15° 48' 48.406" N
168	120° 8' 40.864" E	15° 48' 42.322" N
169	120° 8' 37.829" E	15° 48' 36.239" N
170	120° 8' 29.607" E	15° 48' 29.080" N
171	120° 8' 23.452" E	15° 48' 22.956" N
172	120° 8' 21.492" E	15° 48' 14.369" N
173	120° 8' 17.495" E	15° 48' 2.733" N
174	120° 8' 15.528" E	15° 47' 54.649" N
175	120° 8' 14.580" E	15° 47' 48.090" N
176	120° 8' 4.898" E	15° 47' 33.861" N
177	120° 8' 4.071" E	15° 47' 18.742" N

178	120° 7' 55.370" E	15° 46' 53.693" N
179	120° 7' 48.313" E	15° 46' 54.737" N
180	120° 7' 41.830" E	15° 46' 56.641" N
181	120° 7' 31.774" E	15° 47' 2.191" N
182	120° 7' 21.116" E	15° 47' 8.870" N
183	120° 7' 16.421" E	15° 47' 8.808" N
184	120° 7' 9.629" E	15° 47' 11.844" N
185	120° 7' 5.264" E	15° 47' 9.228" N
186	120° 7' 0.815" E	15° 47' 12.579" N
187	120° 6' 58.986" E	15° 47' 17.386" N
188	120° 6' 57.350" E	15° 47' 29.299" N
189	120° 6' 51.904" E	15° 47' 40.878" N
190	120° 6' 48.326" E	15° 47' 44.809" N
191	120° 6' 43.664" E	15° 47' 42.473" N
192	120° 6' 36.634" E	15° 47' 41.527" N
193	120° 6' 25.098" E	15° 47' 47.910" N
194	120° 6' 19.906" E	15° 47' 41.589" N
195	120° 6' 13.748" E	15° 47' 41.223" N
196	120° 6' 6.791" E	15° 47' 35.162" N
197	120° 6' 2.680" E	15° 47' 35.392" N
198	120° 5' 47.777" E	15° 47' 30.930" N
199	120° 5' 43.628" E	15° 47' 33.716" N
200	120° 5' 39.415" E	15° 47' 41.048" N
201	120° 5' 29.338" E	15° 47' 48.017" N
202	120° 5' 23.128" E	15° 47' 51.344" N
203	120° 5' 11.493" E	15° 47' 44.084" N
204	120° 5' 1.880" E	15° 47' 39.124" N
205	120° 4' 53.938" E	15° 47' 40.438" N
206	120° 4' 47.707" E	15° 47' 45.185" N
207	120° 4' 45.771" E	15° 47' 57.378" N
208	120° 4' 40.470" E	15° 47' 58.728" N
209	120° 4' 22.433" E	15° 48' 8.146" N
210	120° 4' 15.102" E	15° 48' 7.763" N
211	120° 3' 56.300" E	15° 47' 48.755" N
212	120° 3' 44.304" E	15° 47' 46.319" N
213	120° 3' 41.497" E	15° 47' 37.473" N
214	120° 3' 25.906" E	15° 47' 40.103" N
215	120° 3' 19.265" E	15° 47' 35.313" N
216	120° 3' 8.197" E	15° 47' 36.408" N
217	120° 3' 0.806" E	15° 47' 32.076" N
218	120° 2' 45.902" E	15° 47' 31.874" N
219	120° 2' 23.222" E	15° 47' 33.308" N
220	120° 2' 17.840" E	15° 47' 45.824" N
221	120° 2' 6.306" E	15° 47' 52.213" N
222	120° 1' 57.964" E	15° 47' 53.610" N
223	120° 1' 50.685" E	15° 47' 53.510" N
224	120° 1' 37.174" E	15° 47' 52.822" N
225	120° 1' 24.783" E	15° 47' 46.609" N
226	120° 1' 17.958" E	15° 47' 51.048" N
227	120° 1' 7.551" E	15° 47' 51.409" N
228	120° 0' 58.244" E	15° 47' 47.756" N
229	120° 0' 54.730" E	15° 47' 39.147" N
230	120° 0' 45.906" E	15° 47' 38.018" N
231	120° 0' 35.938" E	15° 47' 43.924" N
232	120° 0' 25.064" E	15° 47' 40.753" N
233	120° 0' 2.573" E	15° 47' 49.507" N
234	119° 59' 50.741" E	15° 47' 43.504" N

235	119° 59' 38.745" E	15° 47' 43.134" N
236	119° 59' 17.354" E	15° 47' 47.874" N
237	119° 59' 4.734" E	15° 47' 57.266" N
238	119° 58' 57.291" E	15° 48' 8.241" N
239	119° 58' 42.138" E	15° 48' 13.066" N
240	119° 58' 17.444" E	15° 48' 13.244" N
241	119° 57' 59.823" E	15° 48' 6.422" N
242	119° 57' 44.677" E	15° 48' 0.276" N
243	119° 57' 21.911" E	15° 47' 54.184" N
244	119° 56' 54.252" E	15° 47' 54.116" N
245	119° 56' 42.570" E	15° 47' 51.404" N
246	119° 56' 18.666" E	15° 47' 35.386" N
247	119° 56' 1.811" E	15° 47' 20.608" N
248	119° 55' 55.001" E	15° 46' 50.575" N
249	119° 55' 52.720" E	15° 46' 45.601" N
250	119° 55' 45.286" E	15° 46' 43.975" N
251	119° 55' 29.696" E	15° 46' 36.532" N
252	119° 54' 55.985" E	15° 46' 33.393" N
253	119° 54' 41.607" E	15° 46' 23.686" N
254	119° 54' 17.010" E	15° 46' 14.973" N
255	119° 54' 3.915" E	15° 46' 24.290" N
256	119° 53' 57.307" E	15° 46' 20.014" N
257	119° 53' 55.962" E	15° 46' 31.019" N
258	119° 53' 52.747" E	15° 46' 35.915" N
259	119° 53' 50.248" E	15° 46' 45.383" N
260	119° 53' 52.850" E	15° 46' 54.923" N
261	119° 53' 46.876" E	15° 47' 0.540" N
262	119° 53' 43.938" E	15° 47' 13.043" N
263	119° 53' 35.101" E	15° 47' 26.221" N
264	119° 53' 32.243" E	15° 47' 33.403" N
265	119° 53' 32.404" E	15° 47' 48.610" N
266	119° 53' 20.679" E	15° 48' 10.870" N

The total land area of the Nayom Watershed is 22,822.77 hectares, more or less.

STA. CRUZ RIVER SUB-WATERSHED

CORNER	LONGITUDE	LATITUDE
1	119° 54' 26.468" E	15° 45' 15.018" N
2	119° 54' 27.598" E	15° 45' 16.713" N
3	119° 54' 28.677" E	15° 45' 18.881" N
4	119° 54' 29.593" E	15° 45' 21.477" N
5	119° 54' 29.918" E	15° 45' 23.462" N
6	119° 54' 29.997" E	15° 45' 24.152" N
7	119° 54' 29.844" E	15° 45' 25.441" N
8	119° 54' 29.647" E	15° 45' 26.687" N
9	119° 54' 29.529" E	15° 45' 28.622" N
10	119° 54' 29.425" E	15° 45' 29.611" N
11	119° 54' 29.189" E	15° 45' 30.554" N
12	119° 54' 29.036" E	15° 45' 31.801" N
13	119° 54' 28.973" E	15° 45' 33.048" N
14	119° 54' 28.722" E	15° 45' 34.939" N
15	119° 54' 28.697" E	15° 45' 36.617" N
16	119° 54' 28.628" E	15° 45' 38.252" N
17	119° 54' 28.387" E	15° 45' 39.497" N
18	119° 54' 26.534" E	15° 45' 41.494" N

19	119° 54' 25.052" E	15° 45' 42.463" N
20	119° 54' 24.195" E	15° 45' 43.312" N
21	119° 54' 24.007" E	15° 45' 43.998" N
22	119° 54' 23.571" E	15° 45' 44.896" N
23	119° 54' 23.013" E	15° 45' 46.481" N
24	119° 54' 22.676" E	15° 45' 48.198" N
25	119° 54' 22.383" E	15° 45' 49.959" N
26	119° 54' 22.234" E	15° 45' 50.990" N
27	119° 54' 22.078" E	15° 45' 52.451" N
28	119° 54' 21.662" E	15° 45' 53.521" N
29	119° 54' 21.308" E	15° 45' 54.894" N
30	119° 54' 20.979" E	15° 45' 56.051" N
31	119° 54' 20.920" E	15° 45' 57.041" N
32	119° 54' 20.904" E	15° 45' 58.074" N
33	119° 54' 20.749" E	15° 45' 59.492" N
34	119° 54' 20.571" E	15° 46' 0.953" N
35	119° 54' 20.365" E	15° 46' 2.844" N
36	119° 54' 20.109" E	15° 46' 5.036" N
37	119° 54' 19.689" E	15° 46' 6.408" N
38	119° 54' 19.181" E	15° 46' 7.606" N
39	119° 54' 18.625" E	15° 46' 9.105" N
40	119° 54' 17.915" E	15° 46' 10.515" N
41	119° 54' 17.269" E	15° 46' 12.099" N
42	119° 54' 16.087" E	15° 46' 13.804" N
43	119° 54' 15.267" E	15° 46' 15.127" N
44	119° 54' 17.010" E	15° 46' 14.973" N
45	119° 54' 41.607" E	15° 46' 23.686" N
46	119° 54' 55.985" E	15° 46' 33.393" N
47	119° 55' 29.696" E	15° 46' 36.532" N
48	119° 55' 45.286" E	15° 46' 43.975" N
49	119° 55' 52.720" E	15° 46' 45.601" N
50	119° 55' 55.001" E	15° 46' 50.575" N
51	119° 56' 1.811" E	15° 47' 20.608" N
52	119° 56' 18.666" E	15° 47' 35.386" N
53	119° 56' 42.570" E	15° 47' 51.404" N
54	119° 56' 54.252" E	15° 47' 54.116" N
55	119° 57' 21.911" E	15° 47' 54.184" N
56	119° 57' 44.677" E	15° 48' 0.276" N
57	119° 57' 59.823" E	15° 48' 6.422" N
58	119° 58' 17.444" E	15° 48' 13.244" N
59	119° 58' 42.138" E	15° 48' 13.066" N
60	119° 58' 57.291" E	15° 48' 8.241" N
61	119° 59' 4.734" E	15° 47' 57.266" N
62	119° 59' 17.354" E	15° 47' 47.874" N
63	119° 59' 38.745" E	15° 47' 43.134" N
64	119° 59' 50.741" E	15° 47' 43.504" N
65	120° 0' 2.573" E	15° 47' 49.507" N
66	120° 0' 25.064" E	15° 47' 40.753" N
67	120° 0' 35.938" E	15° 47' 43.924" N
68	120° 0' 45.906" E	15° 47' 38.018" N
69	120° 0' 54.730" E	15° 47' 39.147" N
70	120° 0' 58.244" E	15° 47' 47.756" N
71	120° 1' 7.551" E	15° 47' 51.409" N
72	120° 1' 17.958" E	15° 47' 51.048" N
73	120° 1' 24.783" E	15° 47' 46.609" N
74	120° 1' 37.174" E	15° 47' 52.822" N
75	120° 1' 50.685" E	15° 47' 53.510" N

76	120° 1' 57.964" E	15° 47' 53.610" N
77	120° 2' 6.306" E	15° 47' 52.213" N
78	120° 2' 17.840" E	15° 47' 45.824" N
79	120° 2' 23.222" E	15° 47' 33.308" N
80	120° 2' 45.901" E	15° 47' 31.874" N
81	120° 2' 38.452" E	15° 47' 13.853" N
82	120° 2' 38.510" E	15° 47' 9.872" N
83	120° 2' 39.346" E	15° 47' 5.403" N
84	120° 2' 39.943" E	15° 46' 59.687" N
85	120° 2' 31.546" E	15° 46' 53.848" N
86	120° 2' 23.418" E	15° 46' 47.267" N
87	120° 2' 26.570" E	15° 46' 42.581" N
88	120° 2' 27.025" E	15° 46' 28.899" N
89	120° 2' 28.621" E	15° 46' 25.187" N
90	120° 2' 31.773" E	15° 46' 20.501" N
91	120° 2' 30.546" E	15° 46' 16.503" N
92	120° 2' 25.443" E	15° 46' 13.944" N
93	120° 2' 20.373" E	15° 46' 9.147" N
94	120° 2' 19.113" E	15° 45' 49.717" N
95	120° 2' 13.319" E	15° 45' 41.674" N
96	120° 2' 12.367" E	15° 45' 36.434" N
97	120° 2' 14.502" E	15° 45' 30.988" N
98	120° 2' 17.925" E	15° 45' 25.310" N
99	120° 2' 22.615" E	15° 45' 20.894" N
100	120° 2' 18.913" E	15° 45' 10.391" N
101	120° 2' 13.825" E	15° 45' 6.837" N
102	120° 2' 7.684" E	15° 45' 5.011" N
103	120° 2' 2.390" E	15° 44' 57.971" N
104	120° 1' 57.559" E	15° 44' 54.420" N
105	120° 1' 49.602" E	15° 44' 53.814" N
106	120° 1' 41.171" E	15° 44' 50.464" N
107	120° 1' 30.116" E	15° 44' 50.811" N
108	120° 1' 30.258" E	15° 44' 41.106" N
109	120° 1' 28.239" E	15° 44' 38.590" N
110	120° 1' 24.635" E	15° 44' 39.038" N
111	120° 1' 10.548" E	15° 44' 53.530" N
112	120° 1' 4.092" E	15° 44' 55.681" N
113	120° 0' 57.875" E	15° 44' 59.080" N
114	120° 0' 51.640" E	15° 45' 3.723" N
115	120° 0' 46.755" E	15° 45' 3.905" N
116	120° 0' 38.671" E	15° 45' 12.007" N
117	120° 0' 31.731" E	15° 45' 12.161" N
118	120° 0' 26.875" E	15° 45' 10.352" N
119	120° 0' 21.453" E	15° 44' 54.598" N
120	120° 0' 19.463" E	15° 44' 50.091" N
121	120° 0' 15.914" E	15° 44' 46.807" N
122	120° 0' 11.539" E	15° 44' 47.244" N
123	119° 59' 58.107" E	15° 44' 52.037" N
124	119° 59' 47.317" E	15° 44' 51.888" N
125	119° 59' 41.705" E	15° 44' 49.073" N
126	119° 59' 32.295" E	15° 44' 42.473" N
127	119° 59' 29.458" E	15° 44' 43.180" N
128	119° 59' 22.184" E	15° 44' 48.555" N
129	119° 59' 17.549" E	15° 44' 49.237" N
130	119° 59' 16.132" E	15° 44' 40.756" N
131	119° 59' 13.156" E	15° 44' 33.498" N
132	119° 59' 6.568" E	15° 44' 27.185" N

133	119° 59' 1.849" E	15° 45' 7.660" N
134	119° 58' 19.168" E	15° 45' 11.196" N
135	119° 58' 2.862" E	15° 45' 14.840" N
136	119° 57' 58.102" E	15° 45' 59.036" N
137	119° 56' 44.387" E	15° 45' 42.385" N
138	119° 55' 55.331" E	15° 45' 39.329" N
139	119° 55' 8.740" E	15° 45' 19.405" N

The total land area of the Sta. Cruz River Watershed is 6,237.41 hectares, more or less.

CABALUAN WATERSHED

CORNER	LONGITUDE	LATITUDE
1	120° 3' 25.906" E	15° 47' 40.103" N
2	120° 3' 31.195" E	15° 47' 39.606" N
3	120° 3' 41.497" E	15° 47' 37.473" N
4	120° 3' 44.304" E	15° 47' 46.319" N
5	120° 3' 56.300" E	15° 47' 48.755" N
6	120° 4' 15.102" E	15° 48' 7.763" N
7	120° 4' 22.433" E	15° 48' 8.146" N
8	120° 4' 40.470" E	15° 47' 58.728" N
9	120° 4' 45.771" E	15° 47' 57.378" N
10	120° 4' 47.707" E	15° 47' 45.185" N
11	120° 4' 53.938" E	15° 47' 40.438" N
12	120° 5' 1.880" E	15° 47' 39.124" N
13	120° 5' 11.493" E	15° 47' 44.084" N
14	120° 5' 23.128" E	15° 47' 51.344" N
15	120° 5' 29.338" E	15° 47' 48.017" N
16	120° 5' 39.415" E	15° 47' 41.048" N
17	120° 5' 43.628" E	15° 47' 33.716" N
18	120° 5' 47.777" E	15° 47' 30.930" N
19	120° 6' 2.680" E	15° 47' 35.392" N
20	120° 6' 6.791" E	15° 47' 35.162" N
21	120° 6' 13.748" E	15° 47' 41.223" N
22	120° 6' 19.906" E	15° 47' 41.589" N
23	120° 6' 25.098" E	15° 47' 47.910" N
24	120° 6' 36.634" E	15° 47' 41.527" N
25	120° 6' 43.664" E	15° 47' 42.473" N
26	120° 6' 48.326" E	15° 47' 44.809" N
27	120° 6' 51.904" E	15° 47' 40.878" N
28	120° 6' 57.350" E	15° 47' 29.299" N
29	120° 6' 58.986" E	15° 47' 17.386" N
30	120° 7' 0.815" E	15° 47' 12.579" N
31	120° 7' 5.264" E	15° 47' 9.228" N
32	120° 7' 9.629" E	15° 47' 11.844" N
33	120° 7' 16.421" E	15° 47' 8.808" N
34	120° 7' 21.115" E	15° 47' 8.870" N
35	120° 7' 31.774" E	15° 47' 2.191" N
36	120° 7' 41.830" E	15° 46' 56.641" N
37	120° 7' 48.313" E	15° 46' 54.737" N
38	120° 7' 55.370" E	15° 46' 53.693" N
39	120° 7' 59.007" E	15° 46' 45.500" N
40	120° 8' 9.226" E	15° 46' 28.301" N
41	120° 8' 12.576" E	15° 46' 19.535" N
42	120° 8' 12.347" E	15° 46' 14.986" N
43	120° 8' 9.894" E	15° 46' 1.597" N

44	120° 8' 5.705" E	15° 45' 46.481" N
45	120° 8' 10.804" E	15° 45' 38.591" N
46	120° 8' 21.215" E	15° 45' 28.498" N
47	120° 8' 24.894" E	15° 45' 17.179" N
48	120° 8' 34.307" E	15° 44' 54.569" N
49	120° 8' 29.351" E	15° 44' 52.230" N
50	120° 8' 15.616" E	15° 44' 48.356" N
51	120° 8' 4.536" E	15° 44' 43.379" N
52	120° 7' 58.464" E	15° 44' 37.047" N
53	120° 7' 56.807" E	15° 44' 29.637" N
54	120° 7' 42.871" E	15° 44' 19.223" N
55	120° 7' 37.329" E	15° 44' 16.877" N
56	120° 7' 31.177" E	15° 44' 16.227" N
57	120° 7' 19.701" E	15° 44' 18.633" N
58	120° 7' 7.831" E	15° 44' 7.394" N
59	120° 6' 59.767" E	15° 43' 59.243" N
60	120° 6' 42.395" E	15° 43' 52.044" N
61	120° 6' 29.641" E	15° 43' 45.403" N
62	120° 6' 22.891" E	15° 43' 32.122" N
63	120° 6' 17.676" E	15° 43' 19.360" N
64	120° 6' 17.718" E	15° 43' 16.373" N
65	120° 6' 2.748" E	15° 43' 2.983" N
66	120° 5' 59.757" E	15° 42' 56.472" N
67	120° 5' 48.810" E	15° 42' 49.358" N
68	120° 5' 38.827" E	15° 42' 46.736" N
69	120° 5' 33.274" E	15° 42' 39.693" N
70	120° 5' 25.638" E	15° 42' 34.613" N
71	120° 5' 15.912" E	15° 42' 31.995" N
72	120° 5' 10.658" E	15° 42' 40.138" N
73	120° 4' 49.751" E	15° 42' 46.827" N
74	120° 4' 43.537" E	15° 42' 50.229" N
75	120° 4' 36.076" E	15° 42' 50.875" N
76	120° 4' 28.848" E	15° 42' 53.267" N
77	120° 4' 17.674" E	15° 43' 2.078" N
78	120° 4' 8.644" E	15° 43' 4.694" N
79	120° 3' 58.062" E	15° 43' 8.036" N
80	120° 3' 54.237" E	15° 43' 5.994" N
81	120° 3' 47.976" E	15° 42' 54.709" N
82	120° 3' 45.204" E	15° 42' 50.939" N
83	120° 3' 35.232" E	15° 42' 47.569" N
84	120° 3' 18.820" E	15° 42' 45.357" N
85	120° 3' 13.273" E	15° 42' 38.064" N
86	120° 3' 9.021" E	15° 42' 30.042" N
87	120° 3' 8.408" E	15° 42' 19.083" N
88	120° 3' 4.348" E	15° 42' 15.544" N
89	120° 2' 52.236" E	15° 42' 18.118" N
90	120° 2' 47.427" E	15° 42' 13.075" N
91	120° 2' 30.771" E	15° 42' 10.112" N
92	120° 2' 23.002" E	15° 41' 56.567" N
93	120° 2' 18.183" E	15° 41' 52.271" N
94	120° 2' 14.695" E	15° 41' 44.757" N
95	120° 2' 10.361" E	15° 41' 42.458" N
96	120° 2' 3.705" E	15° 41' 40.875" N
97	120° 1' 59.161" E	15° 41' 35.337" N
98	120° 1' 55.659" E	15° 41' 28.819" N
99	120° 1' 45.996" E	15° 41' 21.968" N
100	120° 1' 35.530" E	15° 41' 17.346" N

101	120° 1' 29.576" E	15° 41' 20.500" N
102	120° 1' 31.357" E	15° 41' 39.439" N
103	120° 1' 26.867" E	15° 41' 47.840" N
104	120° 1' 16.999" E	15° 41' 55.172" N
105	120° 1' 8.107" E	15° 41' 48.331" N
106	120° 0' 41.753" E	15° 41' 41.002" N
107	120° 0' 26.224" E	15° 41' 31.332" N
108	120° 0' 17.777" E	15° 41' 29.225" N
109	120° 0' 12.391" E	15° 41' 28.654" N
110	120° 0' 7.324" E	15° 41' 23.856" N
111	120° 0' 1.398" E	15° 41' 25.019" N
112	119° 59' 48.418" E	15° 41' 34.297" N
113	119° 59' 45.704" E	15° 41' 44.215" N
114	119° 59' 40.230" E	15° 41' 49.615" N
115	119° 59' 34.514" E	15° 41' 54.016" N
116	119° 59' 25.528" E	15° 41' 53.643" N
117	119° 59' 13.358" E	15° 42' 0.195" N
118	119° 59' 8.680" E	15° 42' 3.864" N
119	119° 59' 3.869" E	15° 41' 59.069" N
120	119° 59' 0.009" E	15° 41' 59.513" N
121	119° 58' 57.155" E	15° 42' 1.465" N
122	119° 58' 48.030" E	15° 42' 10.547" N
123	119° 58' 37.132" E	15° 42' 17.862" N
124	119° 58' 29.118" E	15° 42' 21.235" N
125	119° 58' 29.272" E	15° 42' 28.206" N
126	119° 58' 24.740" E	15° 42' 39.342" N
127	119° 58' 15.549" E	15° 42' 35.481" N
128	119° 58' 7.374" E	15° 42' 32.381" N
129	119° 58' 3.998" E	15° 42' 34.823" N
130	119° 57' 59.781" E	15° 42' 41.982" N
131	119° 57' 48.417" E	15° 42' 46.055" N
132	119° 57' 42.697" E	15° 42' 48.491" N
133	119° 57' 38.182" E	15° 43' 0.595" N
134	119° 57' 42.092" E	15° 43' 14.088" N
135	119° 57' 49.405" E	15° 43' 23.398" N
136	119° 57' 55.095" E	15° 43' 38.161" N
137	119° 57' 52.144" E	15° 43' 46.581" N
138	119° 57' 51.046" E	15° 43' 51.294" N
139	119° 57' 52.759" E	15° 43' 57.042" N
140	119° 57' 57.540" E	15° 44' 3.828" N
141	119° 58' 2.552" E	15° 44' 12.359" N
142	119° 58' 10.959" E	15° 44' 17.205" N
143	119° 58' 20.226" E	15° 44' 16.089" N
144	119° 58' 29.254" E	15° 44' 13.726" N
145	119° 58' 43.316" E	15° 44' 18.401" N
146	119° 58' 49.992" E	15° 44' 18.742" N
147	119° 58' 57.621" E	15° 44' 24.074" N
148	119° 59' 6.568" E	15° 44' 27.185" N
149	119° 59' 13.156" E	15° 44' 33.498" N
150	119° 59' 16.132" E	15° 44' 40.756" N
151	119° 59' 17.549" E	15° 44' 49.237" N
152	119° 59' 22.184" E	15° 44' 48.555" N
153	119° 59' 29.458" E	15° 44' 43.180" N
154	119° 59' 32.295" E	15° 44' 42.473" N
155	119° 59' 41.705" E	15° 44' 49.073" N
156	119° 59' 47.317" E	15° 44' 51.888" N
157	119° 59' 58.107" E	15° 44' 52.037" N

158	120° 0' 11.539" E	15° 44' 47.244" N
159	120° 0' 15.914" E	15° 44' 46.807" N
160	120° 0' 19.463" E	15° 44' 50.091" N
161	120° 0' 21.453" E	15° 44' 54.598" N
162	120° 0' 26.875" E	15° 45' 10.352" N
163	120° 0' 31.731" E	15° 45' 12.161" N
164	120° 0' 38.671" E	15° 45' 12.007" N
165	120° 0' 46.755" E	15° 45' 3.905" N
166	120° 0' 51.640" E	15° 45' 3.723" N
167	120° 0' 57.875" E	15° 44' 59.080" N
168	120° 1' 4.092" E	15° 44' 55.681" N
169	120° 1' 10.548" E	15° 44' 53.530" N
170	120° 1' 24.635" E	15° 44' 39.038" N
171	120° 1' 28.239" E	15° 44' 38.590" N
172	120° 1' 30.258" E	15° 44' 41.106" N
173	120° 1' 30.116" E	15° 44' 50.811" N
174	120° 1' 41.171" E	15° 44' 50.464" N
175	120° 1' 49.602" E	15° 44' 53.814" N
176	120° 1' 57.559" E	15° 44' 54.420" N
177	120° 2' 2.390" E	15° 44' 57.971" N
178	120° 2' 7.684" E	15° 45' 5.011" N
179	120° 2' 13.825" E	15° 45' 6.837" N
180	120° 2' 18.913" E	15° 45' 10.391" N
181	120° 2' 22.615" E	15° 45' 20.894" N
182	120° 2' 17.925" E	15° 45' 25.310" N
183	120° 2' 14.502" E	15° 45' 30.988" N
184	120° 2' 12.367" E	15° 45' 36.434" N
185	120° 2' 13.319" E	15° 45' 41.674" N
186	120° 2' 19.113" E	15° 45' 49.717" N
187	120° 2' 19.522" E	15° 45' 56.940" N
188	120° 2' 20.373" E	15° 46' 9.147" N
189	120° 2' 25.443" E	15° 46' 13.944" N
190	120° 2' 30.546" E	15° 46' 16.503" N
191	120° 2' 31.773" E	15° 46' 20.501" N
192	120° 2' 28.621" E	15° 46' 25.187" N
193	120° 2' 27.025" E	15° 46' 28.899" N
194	120° 2' 26.570" E	15° 46' 42.581" N
195	120° 2' 23.418" E	15° 46' 47.267" N
196	120° 2' 31.546" E	15° 46' 53.848" N
197	120° 2' 39.943" E	15° 46' 59.687" N
198	120° 2' 39.346" E	15° 47' 5.403" N
199	120° 2' 38.510" E	15° 47' 9.872" N
200	120° 2' 38.452" E	15° 47' 13.853" N
201	120° 2' 43.393" E	15° 47' 27.609" N
202	120° 2' 45.901" E	15° 47' 31.874" N
203	120° 2' 49.488" E	15° 47' 32.669" N
204	120° 2' 54.896" E	15° 47' 31.996" N
205	120° 3' 0.806" E	15° 47' 32.076" N
206	120° 3' 5.395" E	15° 47' 34.627" N
207	120° 3' 8.197" E	15° 47' 36.408" N
208	120° 3' 13.076" E	15° 47' 36.723" N
209	120° 3' 19.265" E	15° 47' 35.313" N

The total land area of the Cabaluan Watershed is 12,676.00 hectares, more or less.

The total land area of the Zambales Protected Landscapes is one hundred fifty-eight thousand seven hundred ninety-five (158,795.00 has.), more or less, located within the territory of

the Municipalities of Botolan, Iba, Palauig, Masinloc, Candelaria and Sta. Cruz, respectively, all in the Province of Zambales.

SEC. 4. Definition of Terms. - For purposes of this Act, the following terms shall be defined as follows:

(a) "*Biological diversity*" or "*biodiversity*" shall refer to the wealth of life forms found on earth, the millions of different plants, animals and microorganisms, the genes they contain and the intricate ecosystem they form.

(b) "*Buffer zones*" shall refer to identified areas outside the boundaries of and immediately adjacent to designated protected areas that need special development control in order to avoid or minimize harm to the protected area.

(c) "*General management plan*" shall refer to the basic long-term framework plan for the management of the protected area and shall serve as guide in the preparation of the annual operations plan and budget.

(d) "*General Management Planning Strategy (GMPS)*" shall refer to a guide in the formulation of site specific management plans, including buffer zones.

(e) "*Indigenous peoples*" shall refer to people sharing common bonds of language, customs, traditions and other distinctive cultural traits and who have since time immemorial occupied, possessed and utilized a territory.

(f) "*Integrated Protected Areas Fund (IPAF)*" shall refer to a trust fund established for purposes of financing projects within a protected area.

(g) "*Management manual*" shall refer to the individual management plan containing basic background information, field inventory of the resources, assessment of assets and limitations, regional interrelationships, particular objectives for managing the area, appropriate division into management zones, review of the boundaries and design of the management programs of the area.

(h) "*National Integrated Protected Areas System (NIPAS)*" shall refer to the classification and administration of all designated protected areas established pursuant to Republic Act No. 7586 to maintain essential ecological processes and life-support systems, to preserve genetic diversity, to ensure sustainable use of resources and to maintain the natural conditions to the greatest extent possible.

(i) "*Protected Area (PA)*" shall refer to identified portions of land and water set aside by reasons of their unique physical and biological significance, managed to enhance biological diversity and protected against destructive human exploitation.

(j) "*Protected Area Management Board (PAMB)*" shall refer to the site-based decision-making body responsible in the planning, resource protection and general administration of the area in accordance with the approved management plan.

(k) "*Protected landscape*" shall refer to an area of national significance which is characterized by the harmonious interaction of man and land while providing opportunities for public enjoyment through recreation and tourism within the normal lifestyle and economic activity of the area.

(l) "*Protected Area Superintendent (PASu)*" shall refer to the chief operating officer of the Department of Environment and Natural Resources (DENR) for the Northern Zambales Protected Landscape.

(m) "*Secretary*" shall refer to the Secretary of the DENR.

(n) "*Tenured migrants*" shall refer to any person who has actually and continuously occupied an area for five years prior to the designation of the same as a PA in accordance with the provisions of Republic Act No. 7586 or the NIPAS Act and are solely dependent therein for subsistence.

SEC. 5. *Management of the Zambales Protected Landscapes.* - The management of the Zambales Protected Landscapes shall be vested in the PAMB as herein provided, which shall serve as the highest policy-making body for the PA. Through the PAMB, the management structure for the PA shall promote partnership, participation, cooperation and coordination with local communities and civil society organizations.

SEC. 6. *The Protected Area Management Board (PAMB).* - The PAMB for the Zambales Protected Landscapes shall be composed of:

- (a) The regional executive director (RED) of the DENR Region III, as chairman;
- (b) The Chairman of the Committee on Environment and Natural Resources of the House of Representatives or its duly authorized representative as co-chairman;
- (c) The mayors of the municipalities of Botolan, Iba, Palauig, Masinloc, Candelaria and Sta. Cruz, Province of Zambales or their authorized representatives;
- (d) The barangay captains with territory inside and adjacent to the PA or their authorized representatives;
- (e) The regional director of the Department of Agriculture (DA)-Region III or his authorized representative;
- (f) The Provincial Environment and Natural Resources Officer (PENRO) of the Province of Zambales;
- (g) The Community Environment and Natural Resources Officer (CENRO) of the Municipality of Masinloc;
- (h) Three (3) non-government organization/people's organization (NGO/PO) representatives concerned with PA management, chosen from among the three (3) municipalities with territory inside the PA and duly accredited with the municipality being represented; and
- (h) The Provincial Planning and Development Officer (PPDO) of the Province of Zambales, sitting as ex-officio member, to be endorsed by the provincial governor.

Each member of the PAMB shall serve for a term of five years and shall be considered to represent and carry the vote of his/her sector in all matters. The members who represent government officials or agencies shall serve according to the term of office of their principal, unless sooner terminated by such officials.

SEC. 7. *Powers and Functions of the PAMB.* - The PAMB for the Zambales Protected Landscapes shall exercise the following powers and functions:

- (a) Issue rules and regulations to implement the provisions of this Act and promote the policy declaration herein set forth;
- (b) Establish criteria and set fees for the issuance of permits for the activities regulated by this Act or the approved management plan;

- (c) Identify the buffer zone for the PA;
- (d) Adopt rules of procedure for the conduct of business, including the creation of committees to whom its powers may be delegated;
- (e) Approve the management plan and oversee the office of the PASu;
- (f) Deputize interested individuals for the enforcement of the laws, rules and regulations adopted pursuant to this Act;
- (g) Accept donations, approve proposals for funding and budget allocation and exercise accountability over all funds that may accrue to the PA;
- (h) Coordinate with appropriate agencies for the regulation of flight patterns of aircraft going over the area to set acceptable latitudinal limits and emissions; and
- (i) Retain legal counsel, either on a permanent or temporary basis, to provide legal assistance to the PAMB and the PASu staff whenever they are sued in connection with the performance of their duties under this Act.

The Secretary shall exercise authority over the PAMB to ensure that it exercises its authority within the scope of its powers and functions. In case of conflict between administrative orders of national application issued by the DENR pursuant to the NIPAS Act and the rules and regulations issued by the PAMB, the PAMB shall notify the Secretary who shall resolve such conflict.

The local government units (LGUs) of the municipalities of Botolan, Iba, Palauig, Masinloc, Candelaria and Sta. Cruz shall participate in the management of the PA through representation in the PAMB as provided under Section 6 hereof. The LGUs shall retain their power to adopt ordinances over the territory covered under this Act giving due consideration, however, to PA management objectives. If a conflict between LGU and PA management objectives remain unresolved within the PAMB, the Secretary shall resolve such issue with the concerned LGU.

SEC. 8. *The Zambales Protected Landscapes Superintendent's Office.* - There is hereby established a Protected Area Superintendent's Office in charge of the management, protection and administration of the PA. The PASu shall be supported by the existing personnel of the DENR. The head of office shall be the chief operating officer of the Zambales Protected Landscapes or the PA and shall be accountable to the RED of the DENR-Region III and the PAMB.

The PASu shall have the following powers and functions:

- (a) Prepare the management and successor plans as herein provided;
- (b) Provide a secretariat for the PAMB to supply the latter with all information necessary to make appropriate decisions;
- (c) Hire and supervise the necessary personnel to support operations as the budget made available by the PAMB may allow;
- (d) Establish a productive partnership with the local community, including groups interested in the achievement of the goals and objectives of the PA and in the planning, protection and management thereof;
- (e) Develop and implement a park information, education and visitor program;

- (f) Enforce the laws, rules and regulations relevant to the PA and assist in the prosecution of offenses thereof;
- (g) Monitor all activities within the PA for conformity with the management plan; and
- (h) Perform such other functions as the PAMB may assign.

The PASu shall prepare a management plan in coordination with the appropriate offices of the DENR, the LGUs, the local communities and experts on tribal communities who have experience in the particular cultures in the area. The management plan shall be reviewed, approved and adopted by the PAMB and certified to by the Secretary so that it conforms to all laws, rules and regulations of national application. In no case shall the management plan be revised or modified without prior consultation with the PAMB.

Within one year from the effectivity of this Act, the management plan shall be put into effect in accordance with the NIPAS Act and the procedure herein set forth. It shall contain, among others, the following:

- (i) Period of applicability of the plan;
- (ii) Key management issues;
- (iii) Goals and objectives of management;
- (iv) Site management strategy;
- (v) Major management activities such as, but not limited to, enforcement of laws, habitat and wildlife management, sustainable use management, infrastructure development and maintenance, fire and pest control, etc.;
- (vi) Zoning; and
- (vii) Visitor management programs.

The PASu shall prepare all successor plans two years before the expiration of the existing plans and shall cause the publication of notices for comments and suggestions on the next successor plan in a newspaper of local circulation and the posting of such notices in the provincial, municipal and barangay halls and in three other areas frequented by the public. Public consultations may be conducted on the successor plan upon the written request of any interested party. The proposed plan shall be made available to the public during the period for comment and the final version shall be made available for public perusal at the office of the PASu.

The zoning of the PA shall give primary consideration to cultural, economic and social practices consistent with sustainable management principles by tenured migrants and nearby communities for an appreciable length of time unless such uses are deemed detrimental to biodiversity conservation and the protection of the natural characteristics of the PA.

The management plan shall be prepared in a language understandable in the area, plainly written and available for perusal anytime to the general public at the PASu Office.

SEC. 9. Existing Facilities Within the PA. - Existing facilities allowed to remain within the PA may be charged a reasonable fee by the PAMB, which shall be embodied in a memorandum of agreement to be entered into with the owner of the facility. All incomes derived from such fees shall accrue to the Zambales Protected Landscapes Fund established pursuant to this Act.

In setting the user fees on man-made facilities managed by private entities, the rates shall be determined by the private entity but shall be comparable to the fees charged for similar facilities

in a PA. For all other facilities, the user fees therein shall be determined in consultation with the PAMB.

SEC. 10. *Utilization of Non-renewable Resources.* - Any exploration for and exploitation or utilization of non-renewable resources within the PA shall not be allowed. Energy projects, renewable or otherwise, shall be permitted only through an act of Congress: *Provided, That* exploitation of renewable energy up to three megawatts capacity shall be exempt from such requirement.

SEC. 11. *Prohibited Acts.* - (a) The penalties prescribed for theft under Articles 309 and 310 of the Revised Penal Code shall be imposed upon any person found guilty of:

(i) Hunting, destroying, trapping, disturbing or possessing anywhere within the PA of any wild plant or animal or products derived therefrom without a permit from the PAMB: *Provided, That* such permit shall only be given for scientific purposes necessary to promote PA management;

(ii) Cutting, gathering, collecting or removing timber or forest products without permit: *Provided, That* such permit shall only be given for scientific purposes necessary for PA management;

(iii) Possessing outside the PA any wild plant or animal or products derived therefrom which came from the PA;

(iv) Mineral exploration or extraction, drilling or prospecting for minerals within the PA;

(v) Constructing or maintaining any kind of road, structure, fence or enclosure without permit from the PAMB: *Provided, That* structures within ancestral domains used by indigenous cultural communities shall not need a permit from the PAMB; and

(vi) Altering, mutilating, excavating, removing, destroying or defacing boundaries, marks or signs, natural formation, burial grounds, religious sites, artifacts, objects belonging to indigenous cultural communities and other objects of natural and scenic value or affixing marks or signs on trees.

(b) A fine of not less than One hundred thousand pesos (P500,000.00) nor more than Five hundred thousand pesos (P500,000.00) and/or imprisonment of not less than one year and not more than five years shall be imposed upon:

(i) Any person or persons found guilty of grazing and/or causing livestock to graze or raising poultry within the PA without a permit from the PAMB; and

(ii) Any public officer or officer of the law, who, in dereliction of the duties of his office, shall maliciously refrain from instituting acts necessary to prosecute the violators of this Act or shall tolerate the commission of offenses herein provided. Conviction for this offense shall also carry the penalty of perpetual disqualification from public office.

(c) A fine of not less than one hundred thousand pesos (P100,000.00) but not more than Five hundred thousand pesos (P500,000.00) and/or imprisonment of not less than one year and not more than five years and the restoration and rehabilitation of the damage shall be imposed upon any person who commits the following acts:

(i) Violating any rules and regulations in the management plan or by the PAMB or agreements reached before the PAMB in the exercise of its adjudicative functions;

(ii) Dumping, burning or disposing of any waste products, vegetation or materials within the PA to the detriment of the inhabitants, plants or animals therein;

(iii) Use of motorized equipment without a permit except motorized vehicles within the national highway, provincial road or other public thoroughfare traversing the park: *Provided, That* such thoroughfares were legally constructed;

(iv) Occupying any portion of land inside the PA without a permit from the PAMB: *Provided, That* such occupation shall be of such a nature as to last more than ten (10) days in the particular portion of the PA; and

(v) Entering the PA without a permit from the PAMB. Any person who shall induce or conspire with another person to commit any of the acts prohibited in this section or cause his workers to commit any of such acts shall be liable in the same manner as the one actually performing the act. The valuation of the damage resulting from any of the acts prohibited herein shall take into account biodiversity and conservation consideration as well as aesthetic and scenic values. Conviction for any of these acts shall likewise carry the penalty of eviction from the PA and forfeiture in favor of the government of transportation facilities, structures, building materials, equipment, devices and weapons used in the commission of the offense.

The LGU responsible for the arrest of a violator and the confiscation of materials used in the commission of the offense shall have a fifty percent (50%) share from the proceeds in the disposition of confiscated materials. The other fifty percent (50%) shall accrue to the Zambales Protected Landscapes Fund.

The above prohibitions shall not include activities identified in the management plans and such other measures as are necessary for protection, preservation and PA management, which shall be undertaken by the PASu or other persons deputized by the PAMB. The certified customs and traditional practices of indigenous cultural communities are also allowable activities over which the above prohibitions shall not apply.

SEC. 12. *Special Prosecutors.* - Within thirty (30) days from the effectivity of this Act, the Department of Justice (DOJ) shall designate a special prosecutor to whom all cases of violation of laws, rules and regulations in the PA shall be assigned. Such special prosecutor shall coordinate with the PAMB and the PASu in the performance of his/her duties and assist in the training of wardens and rangers in arresting and prosecuting violators of this Act. The PAMB may appoint a special private prosecutor on a case-to-case basis to assist the public prosecutor.

SEC. 13. *The Zambales Protected Landscapes Fund.* - There is hereby established a trust fund to be known as the Zambales Protected Landscapes Fund for purposes of financing projects for the PA. All income generated from the operation of the PA or the management of wild flora and fauna in the PA shall accrue to the fund. These income shall be derived from visitors/tourists fee, fees from permitted sale and export of flora and fauna and other resources from the PA, proceeds from registration and lease of multiple-use areas, including tourism concessions, contributions from industries and facilities directly benefiting from the PA; and such other fees and income derived from the operation of the PA.

The fund may be augmented by grants, donations, endowment from various sources, domestic or foreign, for purposes related to their functions: *Provided, That* the fund shall be deposited as a special account in the National Treasury and disbursements therefrom shall be made solely for the protection, maintenance, administration and management of the system, and duly approved projects endorsed by the PAMB in accordance with existing accounting and budgeting rules and regulations: *Provided, further, That* the fund shall not be used to cover personal services expenditures.

The LGUs shall continue to impose and collect all other fees not enumerated herein which they have traditionally collected, such as business permits, property tax and rentals of LGU facilities. Furthermore, LGUs may charge add-ons to fees imposed by the PAMB: *Provided, That*

such add-ons shall be determined based on the contribution of the LGUs in the maintenance and protection of the PA.

SEC. 14. *Appropriations.* - The Secretary of the DENR shall immediately include in the Department's program the implementation of this Act, the funding of which shall be included in the annual General Appropriations Act.

SEC. 15. *Construction.* - The provisions of this Act shall be construed liberally in favor of the protection and rehabilitation of the Zambales watersheds and water resources and the conservation and restoration of biological diversity, taking into account the needs and interests of qualified tenured migrants, for present and future Filipino generations. The NIPAS Act shall have suppletory effect in the implementation of this Act.

SEC. 16. *Transitory Provision.* - In order to ensure the sustainability and integrity of the watershed and water resources, the recovery and restoration of biological diversity and to develop sustainable livelihood opportunities for tenured migrants, the DENR shall henceforth cease to issue concessions, licenses, permits, clearances, compliance documents or any other instrument that allows exploitation and utilization of resources within the PA until the management plan shall have been put into effect.

SEC. 17. *Separability Clause.* - If any part or section of this Act is declared by the courts as unconstitutional, such declaration shall not affect the other parts or sections hereof.

SEC. 18. *Repealing Clause.* - All laws, rules and regulations inconsistent herewith are modified accordingly.

SEC. 19. *Effectivity Clause.* - This Act shall take effect fifteen (15) days after its publication in the Official Gazette or in a newspaper of general circulation readily available in and around the scope specified herein. It shall likewise be posted in a conspicuous place in the provincial, municipal and barangay halls within the area as well as in three other places frequented by the public.

Approved,