

ANNEXURE-2

TABLES

Table-1: Comparison of CZMP 2011 and draft CZMP based on CRZ Notification 2019 in Alappuzha District

Local Bodies under CRZ (CZMP 2011)	Local Bodies under CRZ (CZMP 2019)	Remarks
<p>Municipalities: (4) Cherthala, Alappuzha, Harippad, Kayamkulam</p> <p>Grama Panchayats: (30) Aroor, Arookkutty, Perumbalam, Ezhupunna, Panavally, Kodamthuruthu, Kuthiyathodu, Thaikkattusseri,, Pattanakkad, Vayalar , Chennam-Pallippuram, , Kadakkarappally, Cherthala South, Thanneermukkam, Mararikulam North, Muhamma, Thuravoor, Mararikulam South, Punnapra North, Punnapra South, Ambalappuzha North, Ambalappuzha South, Purakkad, Thrikkunnappuzha, Karthikappally, Arattupuzha, Chingoli, Muthukulam, Kandallor, Devikulangara</p>	<p>Municipalities: (4) Cherthala, Alappuzha, Harippad, Kayamkulam</p> <p>Grama Panchayats: (32) Aroor, Arookkutty, Aryadu, Perumbalam, Ezhupunna, Panavally, Kodamthuruthu, Kuthiyathodu, Thaikkattusseri, Pattanakkad, Vayalar, Chennam-Pallippuram, Kadakkarappally, Cherthala South, Thanneermukkam, Mararikulam North, Thuravoor, Mararikulam South, Punnapra North, Punnapra South, Ambalappuzha North, Ambalappuzha South, Purakkad, Thrikkunnappuzha, Karthikappally, Arattupuzha, Chingoli, Muthukulam, Kandallor, Pathiyoor, Devikulangara, Krishnapuram</p> <p>Other Legally Designated urban areas: (2) Ambalapuzha North, Ambalapuzha South.</p> <p>Areas with Atomic Mineral Deposits: (2) Ambalapuzha North, Ambalapuzha South.</p>	<ul style="list-style-type: none"> ➤ Coastal Village such as Kuthiyathodu, Kadakkarappally, Arthunkal, Kalavur, Pathirappally, Paravoor and Ambalappuzha North which are parts of Kuthiyathodu Panchayat, Kadakkarappally Panchayat, Cherthala South, Mararikulam South Panchayat, Aryadu Panchayt and Punnapra North Panchayat are classified into CRZ III A. In such villages, NDZ has been redrawn as 50 meters from the HTL against 200 meters stipulated in the previous CRZ Notification 2011. ➤ As per CRZ Notification 2019, 50m NDZ/CRZ limit (for tidal water bodies) has been demarcated instead of 100m in the previous notification, however, retain width of the creek less than 50m. ➤ The islands are buffered with 50 m or width of the creek whichever is less and 20m CRZ line landward of HTL is also depicted in the map which will be considered only after IIMP is implemented. ➤ 247 islands are listed as per the CRZ 2019 Notification. ➤ Other legally designated urban areas as per the CRZ Notification 2019, the Panchayats that meet the criteria of built-up area and developmental infrastructure are categorized as CRZ II. ➤ The areas specified by the Department of Atomic Energy are classified as CRZ IIIA or CRZ IIIB.

Table-2: Village-wise population statistics for identifying the CRZ-III A category – Alappuzha District.

Sl. No:	Village	Population	Area (Sq.km)	Population Density/Sq.km	Category	Grama Panchayat	Remarks/Source
1	Kodamthuruth	21295	10.9	1953.67	CRZ III B	Kodamthuruth	Census 2011, Part B
2	Kuthiathode	23669	9.8	2415.20	CRZ III A	Kuthiathode	Census 2011, Part B
3	Thuravoor South	28802	19.17	1502.45	CRZ III B	Thuravoor	Census 2011, Part B
4	Pattanakkad	31629	15.45	2047.18	CRZ III B	Pattanakkad	Census 2011, Part B
5	Kadakkappally	20487	8.81	2325.43	CRZ III A	Pattanakkad	Census 2011, Part B
6	Arthunkal	17449	7.98	2186.59	CRZ III A	Cherthala south	Computed
7	Mararikkulam North	31322	17.26	1814.72	CRZ III B	Mararikkulam North	Census 2011, Part B
8	Kalavoor	29808	12.77	2334.22	CRZ III A	Mararikkulam south	Census 2011, Part B
9	Pathirappally	27445	7.16	3833.10	CRZ III A	Mararikkulam south	Census 2011, Part B
10	Paravur	28749	9.94	2892.25	CRZ III A	Punnapra North	Data from Village Office
11	Punnapra	28377	13.41	2116.11	CRZ III B	Punnapra South	Data from Village Office
12	Ambalappuzha North	30492	10.88	2802.57	CRZ III A	Ambalappuzha North	Census 2011, Part B
13	Ambalappuzha South	12449	6.16	2020.94	CRZ III B	Ambalappuzha South	Data from Village Office
14	Purakkad	29782	23.21	1283.15	CRZ III B	Purakkad	Census 2011, Part B
15	Thrikkunnapuzha	26679	12.53	2129.21	CRZ III B	Thrikkunnapuzha	Census 2011, Part B
16	Arattupuzha	29264	22.7	1289.16	CRZ III B	Arattupuzha	Census 2011, Part B

Table-3: CRZ details in Local bodies of Alappuzha District

Sl.No.	Local bodies	HTL Length (km)		CRZ IA (ha)			CRZ IB (ha)		CRZ II (ha)		CRZ III (ha)				CRZ IVB (ha)
		Along Sea coast	Along Creek	Mangroves	Turtle Nesting Ground	50m Mangrove Buffer Zone	Inter Tidal Zone	Pokkali Field/ Aquaculture Pond	Along Sea coast	Along Creek	NDZ		CRZ IIIA (50-500m)	CRZ IIIB (200-500m)	
											Along Sea Coast	Along Creek			
1	Aroor		46.71	0.282794		0.308818	0.157413	0.681347				1.349797			2.588237
2	Arookkutty		31.78	0.129912			0.200424	0.003211				0.810366			6.102858
3	Perumbalam		19.54	0.045636			0.161867	0.107539				0.776032			8.412574
4	Ezhupunna		53.45	0.216485			0.269037	1.351482				1.561946			2.778618
5	Panavally		32.74	0.013473			0.102204	0.278944				1.094744			5.666098
6	Kodamthuruth	0.33	60.09	0.014812			0.191301	2.140857			0.056555	1.314565		0.006294	1.747844
7	Kuthiyathodu	1.38	28.80	0.023653			0.196106	1.501315			0.069028	0.949776	0.468634		0.424902
8	Thuravoor	2.61	72.00	0.14641			0.483251	4.609205			0.405833	1.588761		0.408216	1.80533
9	Thaikkattusseri		22.58	0.005633			0.039879	0.225039				0.831194			2.45859
10	Pattanakkad	3.67	61.09	0.075943			0.356355	1.714957			0.641743	1.061434		0.539616	0.43358
11	Vayalar		47.96	0.013613			0.258413			0.007603		1.335745			2.188298
12	Chennam Pallipuram		33.63	0.007899			0.287981	0.025229				1.311812			12.31232
13	Kadakkappally	3.75	16.48	0.049073			0.219343	0.121014			0.187645	0.526372	1.023089		0.180585
14	Cherthala Municipality		6.14							0.189846					0.131457
15	Cherthala South	5.55	11.60				0.365751				0.26175	0.235803	2.131011		0.046443
16	Thanneermukkam		30.58	0.000866			0.000001					0.878397			5.367176
17	Mararikkulam North	4.60	12.42				0.254413				0.924008	0.202091		1.253889	0.062553

18	Mararikkulam South	7.23	19.87				0.301098				0.37404	0.413129	3.04174		0.090617
19	Aryadu	0.37	1.30				0.007346				0.019358	0.023348	0.164031		0.013057
20	Alappuzha Municipality	6.57	9.26	0.004043			0.33785		3.149118	0.77632					0.066161
21	Punnapra North	2.20	2.47	0.000556			0.136308		0.000085		0.110198	0.105188	0.868653		0.026413
22	Punnapra South	2.84	1.43				0.180731				0.57723	0.029232		0.825422	0.024369
23	Ambalappuzha North	3.09	1.66				0.016524		1.317681		0.032805		0.215642		0.025511
24	Ambalappuzha South	1.86					0.012279		0.069483		0.355941			0.495981	
25	Purakkad	9.12	4.53		0.006258		0.255393				1.589979	0.074587		2.303757	0.226331
26	Thrikunnapuzha	8.29	19.22	0.000206			0.090921				1.674089	0.559722		2.321476	0.297234
27	Karthikappally		28.96	0.002364			0.127012					0.709331			0.44112
28	Harippad Municipality									0.000992					
29	Arattupuzha	14.50	104.58	0.18934		0.224636	1.417221				2.225873	1.923004		1.816094	9.148109
30	Chingoli		2.55				0.012783					0.103582			0.003385
31	Muthukulam		7.05	0.000603			0.03811					0.314277			0.015554
32	Kandallur		25.95	0.026922		0.047375	0.289178					0.773546			0.027936
33	Pathiyur		3.96							0.147183					0.04654
34	Kayamkulam Municipality		26.27	0.004121		0.014948	0.034833			0.201416					0.656203
35	Devikulangara		31.87	0.035063		0.057248	0.226091			0.289092	0.024657	0.813088		0.003957	4.320562
36	Krishnapuram		2.27									0.060751			0.01723
Sub Total		77.97	880.79	1.28942	0.00626	0.65303	7.02742	12.7601	4.53637	1.61245	9.53073	21.7316	7.9128	9.9747	68.1538
TOTAL		958.76		1.295678		0.653025	19.787555		6.148819		31.262352		7.912799	9.974702	68.15379

Table-4: CRZ details in Villages of Alappuzha District

Sl. No.	Local bodies	Village	HTL Length (km)		CRZ IA (Km ²)			CRZ IB (Km ²)		CRZ II (Km ²)		CRZ III (Km ²)				CRZ IVB (Km ²)
			Along Seacoast	Along Creek	Mangroves	Turtle Nesting Ground	50m Mangrove Buffer Zone	Inter Tidal Zone	Pokkali Field/ Aquaculture Pond	Along Seacoast	Along Creek	NDZ (Km ²)		CRZ IIIA (50-500m)	CRZ IIIB (200-500m)	
												Along Sea Coast	Along Creek			
1	Aroor	Aroor		46.709956	0.282794		0.308818	0.157413	0.681347				1.349797			2.588237
2	Arookkutty	Arookkutty		31.779905	0.129912			0.200424	0.003211				0.810366			6.102858
3	Perumbalam	Perumbalam		19.536355	0.045636			0.161867	0.107539				0.776032			8.412574
4	Ezhupunna	Ezhupunna		53.447121	0.216485			0.269037	1.351482				1.561946			2.778618
5	Panavally	Panavally		32.744858	0.013473			0.102204	0.278944				1.094744			5.666098
6	Kodamthuruth	Kodamthuruth	0.32581	60.090442	0.014812			0.191301	2.140857			0.056555	1.314565		0.006294	1.747844
7	Kuthiyathodu	Kuthiyathodu	1.38465	28.79855	0.023653			0.196106	1.501315			0.069028	0.949776	0.468634		0.424902
8	Thuravoor	Thuravoor South	2.611288	72.000336	0.14641			0.483251	4.609205			0.405833	1.588761		0.408216	1.80533
9	Thaikkattusseri	Thaikkattusseri		22.581346	0.005633			0.039879	0.225039				0.831194			2.45859
10	Pattanakkad	Pattanakkad	3.669028	61.086658	0.075943			0.356355	1.714957			0.641743	1.061434		0.539616	0.43358
11	Vayalar	Vayalar East		47.959443	0.013613			0.258413			0.007603		1.335745			2.188298
12	Chennam Pallippuram	Pallippuram		33.631641	0.007899			0.287981	0.025229				1.311812			12.312318
13	Kadakkarpally	Kadakkarpally	3.752631	16.480904	0.049073			0.219343	0.121014			0.187645	0.526372	1.023089		0.180585
14	Cherthala Municipality	Cherthala Vadakku		1.656527							0.046739					0.012897
		Kokkothamangalam		4.482957							0.143107					
15	Cherthala South	Cherthala Thekku		2.258772				0.025615					0.053143			
		Arthunkal	5.546245	9.337454				0.340136				0.26175	0.18266	2.131011		0.046443
16	Thanneermukkam	Thanneermukkam Vadakku		9.74059	0.000866								0.227388			2.386878
		Kokkothamangalam		20.836074									0.651009			
17	Mararikkulam North	Mararikkulam Vadakku	4.602765	12.42356				0.254413				0.924008	0.202091		1.253889	0.062553

18	Mararikulam South	Kalavur	3.994195	15.152387				0.263212				0.209696	0.311362	1.629138		0.065194	
		Pathirappally	3.239117	4.722188				0.037886					0.164344	0.101767	1.412601		0.025423
19	Aryadu	Pathirappally	0.3732	1.298335				0.007346				0.019358	0.023348	0.164031		0.013057	
20	Alappuzha Municipality	Aryadu Thekku	2.404644	4.316695				0.071943		1.191269	0.751082					0.039424	
		Alappuzha West	4.167221	4.941058	0.004043			0.265907		1.957849	0.025238					0.026737	
21	Punnpra North	Paravur	2.195987	2.470069	0.000556			0.136308		0.000085		0.110198	0.105188	0.868653		0.026413	
22	Punnpra South	Punnpra	2.83638	1.428555				0.180731				0.57723	0.029232		0.825422	0.024369	
23	Ambalappuzha North	Ambalappuzha North	2.061841							0.763751		0.032805		0.215642			
		Punnpra	1.03268	1.65534				0.016524		0.55393							0.025511
24	Ambalappuzha South	Ambalappuzha South	1.858509					0.012279		0.069483		0.355941			0.495981		
25	Purakkad	Purakkad	9.124239	4.532017		0.006258		0.255393				1.589979	0.074587		2.303757	0.226331	
26	Thrikunnappuzha	Thrikunnappuzha	8.289422	19.220176	0.000206			0.090921				1.674089	0.559722		2.321476	0.297234	
27	Karthikappally	Karthikappally		28.961562	0.002364			0.127012					0.709331			0.44112	
28	Hariippad Municipality	Hariippad									0.000992						
29	Arattupuzha	Arattupuzha	14.500835	104.58337	0.18934		0.224636	1.417221				2.225873	1.923004		1.816094	9.148109	
30	Chingoli	Chingoli		2.549294				0.012783					0.103582			0.003385	
31	Muthukulam	Muthukulam		7.049768	0.000603			0.03811					0.314277			0.015554	
32	Kandallur	Kandallur		25.954245	0.026922		0.047375	0.289178					0.773546			0.027936	
33	Pathiyur	Pathiyur		3.957688							0.147183					0.04654	
34	Kayamkulam Municipality	Keerikkad		8.14058	0.003351		0.014948	0.031139			0.200468					0.107517	
		Pathiyur		5.849949													0.078541
		Kayamkulam									0.000635						
		Krishnapuram		12.279379	0.00077			0.003694			0.000313						0.470145
35	Devikulangara	Puthuppally		31.871604	0.035063		0.057248	0.226091			0.289092	0.024657	0.813088		0.003957	4.320562	
36	Krishnapuram	Krishnapuram		2.274453									0.060751			0.01723	
Sub Total			77.970687	880.7922	1.28942	0.00626	0.653025	7.027416	12.760139	4.536367	1.612452	9.530732	21.73162	7.912799	9.974702	68.153793	
TOTAL			958.762847		1.295678		0.653025	19.787555		6.148819		31.262352		7.912799	9.974702	68.153793	

Table- 5: List of Backwaters and Main Coastal Islands in Alappuzha District

Island No.	Local Body	Latitude	Longitude	Area (Km²)
1	Devikulangara	9° 7' 44.143" N	76° 28' 29.200" E	0.077613
2	Devikulangara	9° 7' 45.528" N	76° 28' 38.811" E	0.064542
3	Devikulangara	9° 7' 52.482" N	76° 28' 33.577" E	0.037565
4	Arattupuzha	9° 8' 33.421" N	76° 27' 41.464" E	0.00025
5	Arattupuzha	9° 8' 37.220" N	76° 27' 43.928" E	0.000543
6	Arattupuzha	9° 8' 38.252" N	76° 27' 45.970" E	0.000104
7	Arattupuzha	9° 8' 42.373" N	76° 27' 38.767" E	0.001474
8	Arattupuzha	9° 8' 42.590" N	76° 27' 41.058" E	0.002319
9	Arattupuzha	9° 8' 46.158" N	76° 27' 37.880" E	0.000522
10	Arattupuzha	9° 8' 47.976" N	76° 27' 36.905" E	0.000441
11	Arattupuzha	9° 8' 49.807" N	76° 27' 38.676" E	0.000532
12	Arattupuzha	9° 8' 46.561" N	76° 27' 40.732" E	0.016369
13	Arattupuzha	9° 8' 53.753" N	76° 27' 48.016" E	0.120779
14	Arattupuzha	9° 8' 56.121" N	76° 27' 42.355" E	0.004869
15	Arattupuzha	9° 9' 4.240" N	76° 27' 30.084" E	0.000741
16	Arattupuzha	9° 9' 4.779" N	76° 27' 31.321" E	0.000774
17	Arattupuzha	9° 9' 11.484" N	76° 27' 26.646" E	0.000476
18	Arattupuzha	9° 9' 13.274" N	76° 27' 24.146" E	0.001378
19	Arattupuzha	9° 9' 17.109" N	76° 27' 31.589" E	0.00194
20	Arattupuzha	9° 9' 17.499" N	76° 27' 25.948" E	0.006934
21	Kandalloor	9° 10' 11.898" N	76° 27' 44.673" E	0.015462
22	Kandalloor	9° 10' 16.985" N	76° 27' 36.464" E	0.000629
23	Kayakulam Municipality	9° 10' 14.639" N	76° 28' 45.048" E	0.002096
24	Kandalloor	9° 10' 57.134" N	76° 27' 7.483" E	0.005821
25	Arattupuzha	9° 12' 45.636" N	76° 26' 25.348" E	0.002341
26	Arattupuzha	9° 12' 55.006" N	76° 26' 25.431" E	0.000566

27	Arattupuzha	9° 12' 59.839" N	76° 26' 24.229" E	0.000508
28	Arattupuzha	9° 13' 8.181" N	76° 26' 22.167" E	0.000618
29	Arattupuzha	9° 13' 16.081" N	76° 26' 22.982" E	0.000945
30	Arattupuzha	9° 13' 24.357" N	76° 26' 22.545" E	0.000933
31	Arattupuzha	9° 13' 30.453" N	76° 26' 22.720" E	0.000626
32	Arattupuzha	9° 13' 38.197" N	76° 26' 25.100" E	0.001891
33	Arattupuzha	9° 13' 9.688" N	76° 25' 55.441" E	0.002517
34	Arattupuzha	9° 13' 12.852" N	76° 25' 53.502" E	0.000839
35	Arattupuzha	9° 13' 21.372" N	76° 26' 5.527" E	0.001955
36	Arattupuzha	9° 13' 41.190" N	76° 25' 59.215" E	0.005019
37	Arattupuzha	9° 13' 47.603" N	76° 25' 59.185" E	0.000703
38	Arattupuzha	9° 13' 50.938" N	76° 26' 10.459" E	0.007919
39	Arattupuzha	9° 14' 19.997" N	76° 25' 55.578" E	0.639146
40	Arattupuzha	9° 14' 36.935" N	76° 26' 14.796" E	0.000051
41	Arattupuzha	9° 14' 38.039" N	76° 26' 13.403" E	0.000107
42	Arattupuzha	9° 14' 40.098" N	76° 26' 5.131" E	0.000955
43	Arattupuzha	9° 14' 43.616" N	76° 25' 54.100" E	0.000362
44	Arattupuzha	9° 14' 50.019" N	76° 25' 47.894" E	0.000534
45	Arattupuzha, Karthikapally	9° 14' 56.830" N	76° 25' 40.093" E	0.002522
46	Arattupuzha, Karthikapally	9° 14' 41.086" N	76° 25' 29.265" E	0.031726
47	Arattupuzha, Karthikapally	9° 14' 46.661" N	76° 25' 21.573" E	0.003269
48	Thrikkunnapuzha, Arattupuzha	9° 14' 40.564" N	76° 25' 13.066" E	0.049117
49	Thrikkunnapuzha	9° 14' 48.882" N	76° 25' 2.791" E	0.056656
50	Thrikkunnapuzha	9° 14' 57.799" N	76° 25' 0.168" E	0.006346
51	Karthikapally, Thrikkunnapuzha, Arattupuzha	9° 14' 55.882" N	76° 25' 22.833" E	0.026058
52	Thrikkunnapuzha	9° 15' 0.359" N	76° 25' 9.895" E	0.275949
53	Thrikkunnapuzha	9° 14' 57.802" N	76° 24' 58.169" E	0.003399
54	Karthikapally	9° 15' 7.560" N	76° 26' 19.683" E	0.000484
55	Karthikapally	9° 15' 22.837" N	76° 25' 21.275" E	0.001915
56	Pattanakkad	9° 44' 14.931" N	76° 17' 11.514" E	0.000227
57	Pattanakkad	9° 44' 20.968" N	76° 17' 32.649" E	0.000189
58	Pattanakkad	9° 43' 52.308" N	76° 17' 18.852" E	0.000645

59	Pattanakkad	9° 44' 23.516" N	76° 17' 40.806" E	0.000514
60	Pattanakkad	9° 44' 28.547" N	76° 17' 38.074" E	0.004368
61	Pattanakkad	9° 44' 29.420" N	76° 17' 25.153" E	0.000195
62	Pattanakkad	9° 44' 29.244" N	76° 17' 23.611" E	0.001985
63	Pattanakkad	9° 44' 33.531" N	76° 17' 26.044" E	0.027929
64	Pattanakkad	9° 44' 31.917" N	76° 17' 33.467" E	0.005447
65	Pattanakkad	9° 44' 37.758" N	76° 17' 25.945" E	0.004267
66	Pattanakkad	9° 44' 47.825" N	76° 17' 14.531" E	0.263987
67	Pattanakkad	9° 44' 53.391" N	76° 17' 22.777" E	0.000249
68	Pattanakkad	9° 44' 54.636" N	76° 17' 25.004" E	0.000422
69	Pattanakkad	9° 44' 52.907" N	76° 17' 25.428" E	0.000039
70	Thuravoor	9° 44' 54.186" N	76° 17' 30.668" E	0.000125
71	Thuravoor	9° 44' 53.442" N	76° 17' 31.870" E	0.000145
72	Pattanakkad	9° 44' 59.772" N	76° 17' 24.498" E	0.000811
73	Pattanakkad	9° 45' 5.111" N	76° 17' 23.782" E	0.000466
74	Pattanakkad,Thuravoor	9° 45' 11.555" N	76° 17' 15.528" E	0.009578
75	Pattanakkad	9° 44' 49.952" N	76° 17' 54.488" E	0.004974
76	Thuravoor	9° 45' 10.659" N	76° 17' 26.689" E	0.102016
77	Thuravoor	9° 45' 17.732" N	76° 17' 35.523" E	0.001977
78	Thuravoor	9° 45' 19.146" N	76° 17' 36.546" E	0.000113
79	Thuravoor	9° 45' 20.377" N	76° 17' 36.924" E	0.000189
80	Thuravoor	9° 45' 20.144" N	76° 17' 34.090" E	0.002166
81	Thuravoor	9° 45' 21.121" N	76° 17' 40.473" E	0.001563
82	Thuravoor	9° 45' 22.798" N	76° 17' 33.409" E	0.000159
83	Thuravoor	9° 46' 8.712" N	76° 17' 55.903" E	0.003033
84	Thuravoor	9° 46' 1.956" N	76° 17' 57.030" E	0.001136
85	Thuravoor	9° 45' 59.726" N	76° 17' 58.920" E	0.000453
86	Thuravoor	9° 45' 41.044" N	76° 17' 11.396" E	1.015805
87	Thuravoor	9° 46' 7.722" N	76° 17' 14.617" E	0.004871
88	Thuravoor	9° 46' 6.852" N	76° 17' 9.135" E	0.000747
89	Thuravoor	9° 46' 8.758" N	76° 17' 8.130" E	0.000638
90	Thuravoor	9° 46' 8.885" N	76° 17' 6.642" E	0.000284
91	Thuravoor	9° 46' 11.382" N	76° 17' 7.669" E	0.000193

92	Thuravoor	9° 46' 11.665" N	76° 17' 5.770" E	0.000192
93	Thuravoor	9° 46' 12.212" N	76° 17' 17.830" E	0.011081
94	Thuravoor	9° 46' 16.012" N	76° 17' 15.955" E	0.002216
95	Thuravoor	9° 46' 20.623" N	76° 17' 15.389" E	0.000763
96	Thuravoor	9° 46' 21.632" N	76° 17' 14.356" E	0.001395
97	Thuravoor	9° 46' 18.908" N	76° 17' 4.190" E	0.009413
98	Thuravoor	9° 46' 28.594" N	76° 17' 11.577" E	0.002354
99	Thuravoor	9° 46' 30.297" N	76° 17' 11.880" E	0.00331
100	Thuravoor	9° 46' 18.421" N	76° 17' 9.246" E	0.001835
101	Thuravoor	9° 46' 20.367" N	76° 17' 10.315" E	0.026061
102	Thuravoor	9° 46' 23.248" N	76° 17' 2.289" E	0.00112
103	Thuravoor	9° 46' 30.488" N	76° 17' 2.298" E	0.121971
104	Thuravoor	9° 46' 30.577" N	76° 17' 1.437" E	0.000782
105	Kuthiathode	9° 46' 38.918" N	76° 17' 17.362" E	0.000468
106	Kuthiathode	9° 46' 41.522" N	76° 17' 36.303" E	0.00018
107	Kuthiathode	9° 46' 42.261" N	76° 17' 46.653" E	0.002822
108	Kuthiathode	9° 46' 59.109" N	76° 17' 46.562" E	0.00035
109	Kuthiathode	9° 46' 59.697" N	76° 17' 48.007" E	0.000134
110	Kuthiathode	9° 46' 53.616" N	76° 17' 14.319" E	0.050065
111	Kuthiathode	9° 46' 48.752" N	76° 17' 21.076" E	0.003595
112	Kuthiathode	9° 47' 11.723" N	76° 17' 34.201" E	0.918798
113	Kuthiathode	9° 46' 56.326" N	76° 18' 3.582" E	0.000665
114	Kuthiathode	9° 46' 58.364" N	76° 18' 3.139" E	0.000327
115	Kuthiathode	9° 47' 1.393" N	76° 18' 1.367" E	0.015104
116	Kodamthuruth	9° 47' 36.081" N	76° 17' 28.615" E	1.364089
117	Kodamthuruth	9° 47' 55.021" N	76° 17' 1.293" E	0.003232
118	Kodamthuruth	9° 47' 55.751" N	76° 16' 58.554" E	0.004686
119	Kodamthuruth	9° 48' 1.405" N	76° 17' 0.487" E	0.001684
120	Kodamthuruth	9° 48' 9.319" N	76° 16' 58.145" E	0.010821
121	Kodamthuruth	9° 48' 15.305" N	76° 16' 56.610" E	0.007997
122	Kodamthuruth	9° 48' 22.902" N	76° 17' 28.129" E	0.000789
123	Kodamthuruth	9° 48' 22.702" N	76° 17' 29.712" E	0.000517
124	Kodamthuruth	9° 48' 22.247" N	76° 17' 31.299" E	0.001654

125	Kodamthuruth	9° 48' 21.394" N	76° 17' 33.935" E	0.00181
126	Kodamthuruth	9° 48' 19.034" N	76° 17' 33.757" E	0.000733
127	Kodamthuruth	9° 48' 14.263" N	76° 17' 33.461" E	0.002814
128	Kodamthuruth	9° 48' 3.328" N	76° 17' 35.031" E	0.005677
129	Kodamthuruth	9° 48' 19.015" N	76° 17' 43.116" E	0.000085
130	Kodamthuruth	9° 48' 16.408" N	76° 17' 43.339" E	0.000157
131	Kodamthuruth	9° 48' 18.260" N	76° 17' 46.168" E	0.000248
132	Kodamthuruth	9° 48' 25.133" N	76° 17' 44.764" E	0.000111
133	Kodamthuruth	9° 48' 25.221" N	76° 17' 47.079" E	0.000221
134	Kodamthuruth	9° 48' 23.731" N	76° 17' 47.615" E	0.00051
135	Kodamthuruth	9° 48' 25.046" N	76° 17' 50.514" E	0.000228
136	Kodamthuruth	9° 48' 24.001" N	76° 17' 50.034" E	0.000337
137	Kodamthuruth	9° 48' 26.985" N	76° 17' 52.013" E	0.000568
138	Kodamthuruth	9° 47' 58.152" N	76° 17' 54.201" E	0.00175
139	Kodamthuruth	9° 48' 3.347" N	76° 17' 55.221" E	0.000561
140	Kodamthuruth	9° 48' 5.936" N	76° 17' 55.104" E	0.000386
141	Kodamthuruth	9° 48' 8.235" N	76° 17' 54.154" E	0.003388
142	Kodamthuruth	9° 48' 13.176" N	76° 17' 52.432" E	0.000181
143	Kodamthuruth	9° 48' 15.042" N	76° 17' 50.358" E	0.001176
144	Kodamthuruth	9° 48' 15.435" N	76° 17' 50.333" E	0.000543
145	Kodamthuruth	9° 48' 15.662" N	76° 17' 51.929" E	0.000083
146	Kodamthuruth	9° 48' 23.757" N	76° 17' 35.170" E	0.000375
147	Kodamthuruth	9° 48' 25.245" N	76° 17' 34.536" E	0.00065
148	Kodamthuruth	9° 48' 41.948" N	76° 17' 42.016" E	0.22768
149	Ezhupunna	9° 49' 26.670" N	76° 17' 9.756" E	1.636844
150	Kodamthuruth	9° 48' 42.701" N	76° 17' 32.512" E	0.000444
151	Ezhupunna	9° 49' 50.470" N	76° 17' 5.251" E	0.000301
152	Ezhupunna	9° 50' 5.532" N	76° 17' 14.686" E	0.000398
153	Ezhupunna	9° 49' 50.198" N	76° 17' 38.758" E	0.020119
154	Ezhupunna, Kodamthuruth	9° 49' 13.705" N	76° 18' 0.974" E	6.138581
155	Kodamthuruth	9° 48' 27.468" N	76° 17' 28.096" E	0.000374
156	Ezhupunna	9° 50' 36.377" N	76° 17' 22.527" E	0.004664
157	Ezhupunna	9° 50' 36.796" N	76° 17' 30.863" E	0.00131

158	Ezhupunna	9° 50' 32.838" N	76° 17' 37.510" E	0.00904
159	Aroor,Ezhupunna, Kodamthuruth	9° 49' 3.957" N	76° 18' 52.045" E	8.727993
160	Kodamthuruth	9° 48' 45.102" N	76° 18' 24.909" E	0.034178
161	Kodamthuruth	9° 48' 37.173" N	76° 18' 27.360" E	0.004127
162	Kodamthuruth	9° 48' 27.879" N	76° 19' 12.821" E	0.000146
163	Kodamthuruth	9° 48' 14.174" N	76° 19' 36.936" E	0.003144
164	Aroor	9° 50' 22.514" N	76° 18' 8.762" E	0.001159
165	Aroor	9° 50' 32.058" N	76° 18' 4.145" E	0.032131
166	Aroor,Ezhupunna	9° 50' 44.058" N	76° 17' 58.298" E	0.013081
167	Aroor	9° 51' 0.632" N	76° 17' 54.440" E	0.002297
168	Aroor	9° 51' 4.494" N	76° 18' 3.494" E	0.039186
169	Aroor	9° 51' 52.788" N	76° 18' 23.435" E	8.466628
170	Aroor	9° 52' 18.290" N	76° 17' 47.614" E	0.006566
171	Aroor,Arookutty	9° 52' 20.713" N	76° 19' 11.827" E	0.005619
172	Aroor,Arookutty	9° 52' 23.773" N	76° 19' 13.448" E	0.002569
173	Arookutty	9° 52' 23.437" N	76° 19' 21.335" E	0.009988
174	Arookutty	9° 51' 30.676" N	76° 19' 43.993" E	4.895611
175	Arookutty	9° 50' 50.276" N	76° 19' 14.854" E	0.009937
176	Arookutty	9° 50' 43.968" N	76° 19' 11.868" E	0.012193
177	Arookutty	9° 50' 34.949" N	76° 19' 10.633" E	0.006887
178	Arookutty	9° 50' 33.014" N	76° 19' 10.129" E	0.003995
179	Arookutty	9° 50' 30.937" N	76° 19' 10.016" E	0.001156
180	Arookutty	9° 50' 29.624" N	76° 19' 10.761" E	0.000626
181	Panavally	9° 49' 16.210" N	76° 19' 51.614" E	0.000945
182	Aroor,Arookutty	9° 49' 21.683" N	76° 19' 36.345" E	0.001787
183	Arookutty, Ezhupunna,Panavally	9° 49' 21.755" N	76° 19' 39.352" E	0.010755
184	Ezhupunna,Panavally	9° 49' 18.935" N	76° 19' 39.047" E	0.006232
185	Ezhupunna	9° 49' 17.432" N	76° 19' 39.705" E	0.001864
186	Panavally	9° 48' 37.453" N	76° 19' 49.638" E	0.14112
187	Panavally	9° 48' 55.404" N	76° 19' 53.343" E	0.108537
188	Ezhupunna	9° 48' 57.354" N	76° 19' 30.687" E	0.797799
189	Ezhupunna	9° 49' 27.561" N	76° 19' 27.392" E	0.00813

190	Perumpalam	9° 50' 23.479" N	76° 20' 59.137" E	0.028994
191	Perumpalam	9° 50' 15.685" N	76° 21' 1.983" E	0.000592
192	Perumpalam	9° 50' 14.746" N	76° 21' 6.289" E	0.006376
193	Arookutty,Perumbalam	9° 49' 36.012" N	76° 21' 46.454" E	0.005199
194	Panavally	9° 49' 32.802" N	76° 22' 5.453" E	0.054593
195	Panavally	9° 49' 25.163" N	76° 22' 20.950" E	0.044972
196	Panavally	9° 49' 17.726" N	76° 22' 1.663" E	0.103817
197	Panavally	9° 49' 8.317" N	76° 22' 9.709" E	0.060864
198	Panavally	9° 49' 11.416" N	76° 21' 56.312" E	0.008418
199	Panavally,Arookutty	9° 49' 8.417" N	76° 21' 43.928" E	0.10897
200	Panavally	9° 49' 1.108" N	76° 21' 58.476" E	0.288639
201	Panavally	9° 48' 47.058" N	76° 21' 59.250" E	0.01263
202	Thuravoor	9° 47' 19.549" N	76° 19' 28.597" E	0.001329
203	Perumpalam	9° 50' 46.600" N	76° 21' 34.294" E	5.540245
204	Perumpalam	9° 50' 48.956" N	76° 22' 18.989" E	0.001365
205	Perumpalam	9° 50' 53.004" N	76° 22' 18.316" E	0.000568
206	Perumpalam	9° 51' 40.504" N	76° 20' 55.432" E	0.019222
207	Panavally,Arookutty	9° 49' 5.075" N	76° 20' 31.867" E	16.029576
208	Thycattusery	9° 47' 23.676" N	76° 20' 31.042" E	0.088121
209	Thuravoor	9° 46' 40.100" N	76° 19' 48.353" E	0.00065
210	Thuravoor	9° 46' 42.685" N	76° 19' 49.698" E	0.001709
211	Thuravoor	9° 46' 39.888" N	76° 19' 51.145" E	0.00222
212	Thuravoor	9° 46' 14.989" N	76° 19' 58.357" E	0.074257
213	Thuravoor	9° 46' 3.084" N	76° 20' 2.962" E	0.053692
214	Thuravoor	9° 45' 50.789" N	76° 20' 3.312" E	0.038299
215	Thuravoor	9° 45' 36.258" N	76° 20' 6.220" E	0.000472
216	Thuravoor	9° 45' 29.902" N	76° 20' 0.066" E	0.000625
217	Chennam Pallippuram,Thuravoor	9° 45' 28.234" N	76° 20' 13.845" E	0.237943
218	Chennam Pallippuram,Thycattusery	9° 45' 32.286" N	76° 20' 20.598" E	0.219009
219	Thuravoor	9° 44' 41.704" N	76° 20' 3.126" E	0.069284
220	Thaneermukkom	9° 40' 25.386" N	76° 21' 59.741" E	0.001491

221	Vayalar	9° 41' 51.907" N	76° 20' 40.679" E	0.006386
222	Vayalar	9° 41' 53.669" N	76° 20' 40.276" E	0.000104
223	Vayalar	9° 41' 53.790" N	76° 20' 38.922" E	0.000115
224	Vayalar	9° 41' 57.238" N	76° 20' 38.838" E	0.00022
225	Vayalar	9° 41' 59.519" N	76° 20' 38.841" E	0.000427
226	Vayalar	9° 41' 57.012" N	76° 20' 33.024" E	0.000254
227	Vayalar	9° 41' 57.774" N	76° 20' 33.085" E	0.000093
228	Vayalar	9° 42' 1.435" N	76° 20' 32.235" E	0.000326
229	Vayalar	9° 42' 5.652" N	76° 20' 32.451" E	0.001436
230	Vayalar	9° 42' 11.091" N	76° 20' 33.107" E	0.000296
231	Vayalar	9° 42' 41.041" N	76° 20' 41.215" E	0.00055
232	Cherthala Municipality, Thaneermukkom	9° 42' 3.575" N	76° 21' 11.853" E	3.627359
233	Chennam Pallippuram,Thycattussery	9° 45' 17.598" N	76° 21' 19.681" E	23.669522
234	Kuthiathode	9° 47' 29.345" N	76° 18' 9.739" E	0.259604
235	Thuravoor	9° 47' 19.270" N	76° 19' 15.863" E	0.001138
236	Thuravoor	9° 47' 24.738" N	76° 19' 21.078" E	0.004053
237	Thuravoor	9° 47' 24.576" N	76° 19' 16.601" E	0.027261
238	Vayalar	9° 44' 51.079" N	76° 20' 20.142" E	0.353177
239	Thuravoor,pattanakkad,Kuthiathode	9° 45' 54.041" N	76° 19' 0.758" E	18.136769
240	Pattanakkad	9° 44' 54.215" N	76° 18' 0.777" E	0.00653
241	Pattanakkad	9° 44' 48.330" N	76° 18' 2.865" E	0.003044
242	Kuthiathode	9° 46' 31.919" N	76° 17' 49.922" E	0.004969
243	Vayalar	9° 44' 37.340" N	76° 20' 19.637" E	0.002358
244	Kadakkarpally	9° 42' 48.907" N	76° 17' 21.530" E	0.001148
245	Kadakkarpally	9° 42' 11.433" N	76° 17' 31.623" E	0.000479
246	Kadakkarpally	9° 42' 11.944" N	76° 17' 32.638" E	0.001009
247	Vayalar	9° 44' 6.312" N	76° 20' 2.949" E	0.000239