

# **ANNEXURE-2**

## **TABLES**

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

Local Bodies under CRZ (CZMP 2011)	Local Bodies under CRZ (CZMP 2019)	Remarks
<p><b>Municipalities: (3)</b> Chavakkad, Guruvayoor and Kodungallur</p> <p><b>Grama Panchayats: (28)</b> Punnayoorkulam, Punnayoor, Kadappuram, Pavaratty, Orumanayoor, Mullassery, Engandiyoor, Venkitangu, Vadanappilly, Manalur, Thalikulam, Anthikkad, Nattika, Thanniam, Valappad, Edathiruthy, Kattoor, Kaipamangalam, Padiyoor, Perinjanam, Mathilakam, Sree Narayanapuram, Vellangalur, Puthenchira, Edavilangu, Eriyad, Mala and Poyya.</p>	<p><b>Municipalities: (3)</b> Chavakkad, Guruvayoor and Kodungallur</p> <p><b>Grama Panchayats: (28)</b> Punnayoorkulam, Punnayoor, Kadappuram, Pavaratty, Orumanayoor, Mullassery, Engandiyoor, Venkitangu, Vadanappilly, Manalur, Thalikulam, Anthikkad, Nattika, Thanniam, Valappad, Edathiruthy, Kattoor, Kaipamangalam, Padiyoor, Perinjanam, Mathilakam, Sree Narayanapuram, Vellangalur, Puthenchira, Edavilangu, Eriyad, Mala and Poyya.</p> <p><b>Other Legally Designated urban area: (1)</b> Pavaratty</p>	<ul style="list-style-type: none"> <li>➤ Coastal Village such as Edakkazhiyur, Kadappuram, Thalikulam, Chendrappini, Kaipamangalam, Perinjanam, Edavilangu, Eriyad, Azhikode which are parts of Punnayoor panchayat, Orumanayoor panchayat, Thalikulam panchayat, Edathiruthy panchayat, Kaipamangalam panchayat, Perinjanam panchayat, Edavilangu panchayat, Eriyad panchayat respectively 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.</li> <li>➤ 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.</li> <li>➤ 53 islands are listed as per the CRZ 2019 Notification.</li> <li>➤ The islands are buffered with 50m or width of 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.</li> <li>➤ 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.</li> </ul>

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

Sl. No	Village	Population	Area (Sq.km)	Population density/Sq.km	Category	Grama Panchayat	Remarks/Source
1	Kadikkad	19147	9.03	2120.38	CRZ III B	Punnayoorkulam	Census 2011, Part B
2	Punnayur	19387	9.35	2073.48	CRZ III B	Punnayur	Census 2011, Part B
3	Edakkazhiyur	17335	7.25	2391.03	CRZ III A	Punnayur	Census 2011, Part B
4	Kadappuram	22938	8.96	2560.04	CRZ III A	Orumanayur	Census 2011, Part B
5	Engandiyur	23101	14.11	1637.21	CRZ III B	Engandiyur	Census 2011, Part B
6	Vadanappally	30657	14.6	2099.79	CRZ III B	Engandiyur	Census 2011, Part B
7	Talikkulam	25507	10.89	2342.24	CRZ III A	Talikkulam	Census 2011, Part B
8	Nattika	19406	9.6	2021.46	CRZ III B	Nattika	Census 2011, Part B
9	Valappad	35237	16.33	2157.81	CRZ III B	Valappad	Census 2011, Part B
10	Chendrapini	16404	7.35	2231.84	CRZ III A	Edathiruthy	Census 2011, Part B
11	Kaipamangalam	35626	13.7	2600.44	CRZ III A	Kaipamangalam	Census 2011, Part B
12	Perinjanam	21012	9.3	2259.35	CRZ III A	Perinjanam	Census 2011, Part B
13	Koolimuttam	12497	6.56	1905.03	CRZ III B	Mathilakam	Census 2011, Part B
14	Padinjare Vemballur	11836	6.31	1875.75	CRZ III B	Sreenarayanapuram	Census 2011, Part B
15	Edavilangu	20363	7.6	2679.34	CRZ III A	Edavilangu	Census 2011, Part B
16	Eriyad	26278	9.5	2766.11	CRZ III A	Eriyad	Computed
17	Azhikode	19935	7.24	2753.45	CRZ III A	Eriyad	Census 2011, Part B

**Table-3: CRZ details in Local bodies of Thrissur District**

Local body	HTL Length (km)		CRZ IA (Km <sup>2</sup> )			50m Mangrove Buffer Zone	CRZ IB (Km <sup>2</sup> )		CRZ II (Km <sup>2</sup> )		CRZ III (Km <sup>2</sup> )		CRZ IIIA (Km <sup>2</sup> )	CRZIIIB (Km <sup>2</sup> )	CRZ IV B (Km <sup>2</sup> )
	Along Sea Coast	Along Creek	Archaeological Heritage Site	Turtle Nesting Ground	Mangroves		ITZ	Pokkali Fields /Aquaculture ponds	Along Sea Coast	Along Creek	NDZ		(50-500m)	(200-500m)	
											Along Sea Coast	Along Creek			
Punnayoorkulam	3.01	8.28					0.1272				0.60026	0.18544			0.08556
Punnayoor	5.52	16.62			0.0002		0.4942				0.88256	0.38839	0.9779	2.10727	0.17905
Chavakkad Municipality	4.96	13.64		0.01098	0.0374		0.3556		2.42277	0.4354		0.00006			0.20799
Guruvayur Municipality		5.10			0.037		0.057			0.1183		1.5E-05			0.43582
Kadappuram	7.26	24.98		0.0324	0.0045		0.1974				0.73981	0.93101	2.7956		1.47333
Orumanayoor		9.29			0.0237	0.04	0.0358					0.43023			0.97503
Pavaratty		12.27			0.0405	0.1221	0.083509	0.02		0.4772		0.00676			1.62963
Mullassery		0.66			4E-05	0.0068	0.0062					0.03866			0.00021
Engandiyur	2.25	36.65	0.0107		0.0316		0.1994				0.81362	1.32904			1.60219
Venkidangu		18.16			0.0284	0.0112	0.0736	0.0113				0.72547		0.32734	1.57232
Vadanappilly	3.91	14.71			0.0017		0.0581				1.54632	0.44206			0.47925
Manalur		13.95					0.0092					0.63973		0.85566	0.95022
Thalikulam	4.05	3.35					0.1345				0.29162	0.10595	1.9046		0.24405
Anthikad		0.51										0.02632			0.00633
Nattika	2.37	13.74					0.1308				0.44521	0.45145			0.74254
Thanniyam		10.50										0.53776		0.6305	0.21749

Valapad	5.58	4.87					0.3157				1.1582	0.05158			0.05717
Edathiruthy	1.00	20.20					0.0769				0.05741	0.55978	0.401	1.76218	0.41077
Kattoor		3.67										0.12293			0.0326
Kaipamangalam	3.47	7.72					0.1962				0.17059	0.14254	1.5579		0.06317
Padiyoor		33.62			0.019		0.1757					1.03099			0.60256
Perinjanam	1.83	4.00					0.0099				0.08977	0.1694	0.8248		0.02051
Mathilakam	2.46	11.01			0.0061	0.0154	0.0224				0.53841	0.30049		0.80018	0.36263
Vellangallur		31.17			0.116861	0.022192	0.523636					1.160803			0.844287
SreeNarayanapuram	3.66	17.67			0.031206		0.155061				0.722504	0.622138		1.021387	0.605943
Edavilangu	1.76	7.67					0.0051				0.09335	0.0706	0.8349		0.03631
Eriyad	5.23	29.05			0.0057	0.0145	0.1244				0.26873	1.03103	1.8417		1.34797
Kodungallur Municipality		68.48	0.00033		0.4025		2.0879	0.0366		2.3142		0.00028			3.94196
Puthenchira		34.25			0.2663	0.0367	3.8773	0.0898				1.36714			0.84833
Poyya		22.76			0.1642	0.0636	1.4335	0.4864				0.94436			1.05659
Mala		11.39			0.0981	0.0447	0.804					0.39823			0.14508
<b>Subtotal</b>	<b>58.32</b>	<b>####</b>	<b>0.011</b>	<b>0.0434</b>	<b>1.315</b>	<b>0.3772</b>	<b>11.77028</b>	<b>0.644</b>	<b>2.4228</b>	<b>3.345</b>	<b>8.4183</b>	<b>14.211</b>	<b>11.14</b>	<b>7.5045</b>	<b>21.177</b>
<b>Total</b>	<b>568.25</b>			<b>1.369452</b>		<b>0.3772</b>	<b>12.414358</b>		<b>5.767848</b>		<b>22.62897</b>		<b>11.14</b>	<b>7.5045</b>	<b>21.177</b>
<i>*The total area may have minor changes during the stage of final map preparation</i>															

**Table-4: CRZ details in Villages of Thrissur District**

Local body	Village	HTL Length (km)		CRZ IA (Km <sup>2</sup> )			50m Mangrove Buffer Zone	CRZ IB (Km <sup>2</sup> )		CRZ II (Km <sup>2</sup> )		CRZ III (Km <sup>2</sup> )		CRZ IIIA (Km <sup>2</sup> )	CRZ IIIB (Km <sup>2</sup> )	CRZ IVB (Km <sup>2</sup> )
		Along Sea Coast	Along Creek	Archaeological Heritage Site	Turtle Nesting Ground	Mangroves		ITZ	Pokkali Fields / Aquaculture ponds	Along Sea Coast	Along Creek	NDZ		(50-500m)	(200-500m)	
												Along Sea Coast	Along Creek			
Punnayoorkulam	Kadikkad	3.01	8.28					0.127235				0.600262	0.185435		0.925304	0.085555
Punnayoor	Punnayoor	3.58	8.51					0.288504				0.78353	0.147477		1.181965	0.070324
	Edakkazhiyur	1.95	8.11			0.000182		0.205692				0.099033	0.240915	0.977857		0.108726
Chavakkad Municipality	Manathala	4.96	11.52		0.010977			0.337832		2.422771	0.361829		0.00006			0.201299
	Guruvayur		2.12			0.037434		0.017804			0.073566					0.006687
Guruvayur Municipality	Perakam		1.89					0.004773			0.053598		0.000015			0.050109
	Chavakkad		3.21			0.037022		0.05218			0.064673					0.385715
Kadappuram	Kadappuram	7.26	24.98		0.032396	0.004508		0.197444				0.739806	0.931007	2.795631		1.473332
Orumanayoor	Orumanayoor		9.29			0.0237	0.040009	0.03578					0.430226			0.975028
Pavaratty	Pavaratty		3.03			0.007394	0.015695	0.024919			0.149754					0.163439
	Venmanad		9.25			0.033121	0.106414	0.05859	0.020036		0.327443		0.006756			1.466193
Mullassery	Mullassery		0.66			0.000036	0.006763	0.006175					0.038664			0.00021
Engandiyur	Engandiyur	2.25	36.65	0.010698		0.0316		0.199374				0.813616	1.329036		0.327341	1.602186

Venkidangu	Kundaliyur		13.74			0.028361	0.011195	0.050677	0.011279				0.538934			1.009102	
	Venkidangu		1.44					0.009726					0.053196			0.21534	
	Irimbranellur		2.97					0.013183					0.13334			0.347877	
Vadanappilly	Vadanappilly	3.91	14.71			0.001677		0.058085				1.546322	0.442059		0.855655	0.47925	
Manalur	Karamuck		11.98					0.009169					0.542519			0.914482	
	Manalur		1.97										0.097215			0.03574	
Thalikulam	Thalikulam	4.05	3.35					0.134481				0.291621	0.105952	1.904605		0.24405	
Anthikad	Padiyam		0.51										0.026324			0.006334	
Nattika	Nattika	2.37	13.74					0.130846					0.445208	0.451452		0.630503	0.742537
Thanniyam	Vadakkummuri		4.18										0.196751			0.054765	
	Thanniyam		1.21										0.150598			0.006825	
	Kizhuppillikara		5.11										0.190411			0.155897	
Valapad	Valapad	5.58	4.87					0.315724				1.158197	0.051578		1.76218	0.057173	
Edathiruthy	Edathiruthy		14.83										0.434966			0.333609	
	Chendrapinni	1	5.38					0.076866					0.057406	0.124817	0.400994	0.077162	
Kattoor	Kattoor		3.67										0.122932			0.032597	
Kaipamangalam	Kaipamangalam	3.47	7.72					0.196241					0.17059	0.142536	1.557938	0.063173	
Padiyoor	Edathirinji		9.11			0.000109		0.00532					0.241269			0.166412	
	Padiyoor		24.5			0.018908		0.170424					0.789719			0.436143	
Perinjanam	Perinjanam	1.83	4					0.009947				0.089767	0.169398	0.824764		0.020512	
Mathilakam	Koolimuttom	2.46	1.39					0.022405					0.538406	0.002604		0.80018	
	Pappinivattom		9.62			0.006117	0.015389						0.297882			0.362629	
Vellangallur	Vallivattom		24.52			0.098747	0.017736	0.229819					0.934838			0.684281	
	Thekkumkara		6.65			0.018114	0.004456	0.293817					0.225965			0.160006	
Sree Narayanapuram	Padinjare Vemballur	3.66	1.26					0.024961					0.722504	0.000139		1.021387	0.000468
	Panangad		2.28			0.000015		0.005022					0.083636			0.135454	
	Aala		14.14			0.031191		0.125078					0.538363			0.470021	

Edavilangu	Edavilangu	1.76	7.67					0.00511				0.093348	0.070604	0.834894		0.036314
Eriyad	Eriyad	1.92	11.18			0.001005	0.014545	0.016127				0.103838	0.137271	0.892219		0.056977
	Azhikode	3.31	17.86			0.004698		0.108288				0.164887	0.893763	0.949512		1.290996
Kodungallur Municipality	Methala		36.6	0.000333		0.018329		0.142276			0.971878		0.000263			2.282731
	Lokamaleswaram		5.8			0.004535		0.02542			0.181972					0.708316
	Pullut		26.07			0.379644		1.920189	0.036618		1.160364		0.000017			0.95091
Puthenchira	Karumathra		11.11			0.019049	0.031536	0.73778					0.450168			0.192756
	Puthenchira		23.14			0.24725	0.005121	3.13948	0.089757				0.916972			0.655573
Poyya	Pallipuram		13.31			0.066912	0.063635	1.193866	0.486392				0.571253			0.431215
	Poyya		8.85			0.095719		0.234623					0.358007			0.617832
	Madathumpady		0.6			0.001546		0.005048					0.015099			0.007546
Mala	Vadama		11.39			0.098125	0.044726	0.803976					0.398228			0.145081
<b>Subtotal</b>		<b>58.32</b>	<b>509.93</b>	<b>0.011031</b>	<b>0.043373</b>	<b>1.31505</b>	<b>0.37722</b>	<b>11.77028</b>	<b>0.644082</b>	<b>2.422771</b>	<b>3.345077</b>	<b>8.418341</b>	<b>14.21063</b>	<b>11.1384</b>	<b>7.50452</b>	<b>21.1769</b>
<b>Total</b>		<b>568.25</b>			<b>1.369452</b>		<b>0.37722</b>	<b>12.414358</b>		<b>5.767848</b>		<b>22.62897</b>		<b>11.1384</b>	<b>7.50452</b>	<b>21.1769</b>
<i>*The total area may have minor changes during the stage of final map preparation</i>																



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

<b>List of Coastal and Backwater Islands in Thrissur District</b>				
<b>Island No.</b>	<b>Local Body</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Area (Km<sup>2</sup>)</b>
1	Eriyad, Kodungallur Municipality	10° 11' 15.138" N	76° 10' 53.287" E	0.010356
2	Eriyad	10° 11' 12.584" N	76° 10' 46.047" E	0.000668
3	Kodungallur Municipality	10° 11' 19.753" N	76° 11' 6.579" E	0.025535
4	Kodungallur Municipality	10° 11' 17.373" N	76° 11' 20.540" E	0.500874
5	Kodungallur Municipality	10° 11' 47.345" N	76° 11' 53.926" E	0.3901
6	Kodungallur Municipality	10° 12' 20.048" N	76° 12' 56.186" E	0.632632
7	Kodungallur Municipality	10° 12' 35.492" N	76° 12' 47.615" E	0.312235
8	Kodungallur Municipality	10° 12' 55.616" N	76° 13' 14.626" E	0.053135
9	Kodungallur Municipality	10° 12' 57.941" N	76° 12' 58.509" E	0.041389
10	Puthenchira	10° 13' 21.451" N	76° 13' 47.768" E	0.055726
11	Puthenchira	10° 13' 37.774" N	76° 14' 2.008" E	0.019178
12	Puthenchira	10° 14' 0.963" N	76° 13' 45.480" E	0.004125
13	Kodungallur Municipality	10° 14' 1.955" N	76° 13' 22.185" E	0.014612
14	Mala	10° 14' 35.256" N	76° 14' 51.884" E	0.121212
15	Mala	10° 14' 25.825" N	76° 15' 4.794" E	0.020276
16	Puthenchira	10° 15' 4.509" N	76° 14' 47.854" E	0.008536
17	Kodungallur Municipality	10° 14' 14.532" N	76° 12' 45.735" E	5.8803
18	Kodungallur Municipality	10° 14' 42.119" N	76° 12' 6.282" E	0.001887
19	Kodungallur Municipality	10° 15' 8.292" N	76° 13' 19.410" E	0.813431
20	Kodungallur Municipality, Puthenchira	10° 15' 22.258" N	76° 12' 32.475" E	0.00847
21	Sree Narayanapuram	10° 15' 18.528" N	76° 11' 42.975" E	0.960715
22	Vellangalur	10° 16' 20.783" N	76° 10' 54.815" E	0.576435
23	Vellangalur	10° 15' 52.374" N	76° 11' 31.498" E	0.00149
24	Mathilakam	10° 17' 22.345" N	76° 10' 30.201" E	0.067588

25	Padiyoor	10° 17' 32.037" N	76° 10' 32.325" E	0.053562
26	Padiyoor	10° 18' 4.707" N	76° 10' 4.924" E	0.665216
27	Padiyoor	10° 18' 24.866" N	76° 10' 16.328" E	0.016528
28	Padiyoor	10° 18' 42.210" N	76° 10' 11.077" E	0.175094
29	Padiyoor	10° 18' 58.643" N	76° 10' 13.815" E	0.019673
30	Padiyoor	10° 19' 2.201" N	76° 10' 6.381" E	0.014515
31	Edathiruthy	10° 23' 21.229" N	76° 8' 47.208" E	0.179807
32	Thanniam	10° 23' 14.657" N	76° 8' 36.512" E	0.022224
33	Edathiruthy	10° 23' 55.409" N	76° 7' 58.392" E	0.032173
34	Thanniam, Nattika	10° 25' 19.964" N	76° 6' 47.293" E	0.018448
35	Thanniam, Nattika	10° 26' 11.789" N	76° 6' 22.921" E	0.041526
36	Thanniam, Nattika	10° 26' 22.817" N	76° 6' 17.992" E	0.014185
37	Engandiyoor	10° 29' 53.379" N	76° 4' 37.575" E	0.100953
38	Manalur	10° 30' 12.091" N	76° 5' 12.188" E	0.099774
39	Manalur	10° 30' 14.312" N	76° 5' 17.386" E	0.001469
40	Manalur, Venkidangu	10° 30' 12.238" N	76° 5' 35.353" E	0.031115
41	Venkidangu	10° 30' 24.556" N	76° 5' 31.355" E	0.009831
42	Venkidangu	10° 30' 26.555" N	76° 4' 27.060" E	0.001994
43	Venkidangu	10° 30' 33.433" N	76° 4' 25.340" E	0.017879
44	Venkidangu	10° 30' 41.398" N	76° 4' 23.057" E	0.019302
45	Kadappuram, Engandiyoor	10° 30' 39.165" N	76° 2' 34.559" E	0.136327
46	Engandiyoor	10° 31' 30.476" N	76° 2' 32.971" E	0.010699
47	Engandiyoor, Pavaratty	10° 32' 4.205" N	76° 3' 1.959" E	0.041059
48	Pavaratty	10° 32' 8.637" N	76° 3' 6.913" E	0.000839
49	Pavaratty	10° 32' 12.854" N	76° 3' 15.341" E	0.032888
50	Pavaratty	10° 32' 29.484" N	76° 3' 12.782" E	0.056973
51	Kodungallur Municipality	10° 11' 55.737" N	76° 10' 39.707" E	0.013876
52	Chavakkad Municipality	10° 34' 14.397" N	76° 2' 18.475" E	0.001472
53	Pavaratty	10° 34' 5.579" N	76° 2' 50.596" E	0.000374