

ANNEXURE-2

TABLES

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

Local Bodies under CRZ (CZMP 2011)	Local Bodies under CRZ (CZMP 2019)	Remarks
<p>Municipalities: (3) Kasaragod, Kanhangad and Nileshwar</p> <p>Grama Panchayats: (21) Manjeshwar, Meenja, Mangalpady, Kumbla, Mogral-Puthur, Puthige, Chengala, Chemnad, Muliya, Bedadukka, Pallikkara, Uduma, Ajanur, Pullur - Periya, Cheruvathur, Kinanur-Karinthalam, Kayyur-Cheemeni, West Eleri, Padanna, Valiyaparamba and Trikkaripur.</p>	<p>Municipalities: (3) Kasaragod, Kanhangad and Nileshwar</p> <p>Grama Panchayats: (21) Manjeshwar, Meenja, Mangalpady, Kumbla, Mogral-Puthur, Puthige, Chengala, Chemnad, Muliya, Bedadukka, Pallikkara, Uduma, Ajanur, Pullur - Periya, Cheruvathur, Kinanur-Karinthalam, Kayyur-Cheemeni, West Eleri, Padanna, Valiyaparamba and Trikkaripur.</p> <p>Other Legally Designated urban area: (7) Ajanur, Chengala, Mogral-Puthur, Pallikkara, Pullur - Periya, Trikkaripur, Uduma.</p>	<ul style="list-style-type: none"> ➤ 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 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. ➤ 38 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.

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

Sl. No:	Village	Population	Area (Sq.km)	Population density/Sq.km	Category	Grama Panchayat	Remarks/Source
1	Kunjathur	13633	12.65	1077.71	CRZ III B	Manjeshwar	Census 2011, Part B
2	Hosabettu	5179	2.55	2030.98	CRZ III B	Manjeshwar	Census 2011, Part B
3	Uppala	11542	5.45	2117.80	CRZ III B	Mangalpady	Census 2011, Part B
4	Ichilangod	4148	2.55	1626.67	CRZ III B	Mangalpady	Census 2011, Part B
5	Bombrana	3759	3.56	1055.90	CRZ III B	Kumbala	Census 2011, Part B
6	Koipady	18121	13.43	1349.29	CRZ III B	Kumbala	Census 2011, Part B
7	Mogral	8912	4.19	2126.97	CRZ III B	Kumbala	Census 2011, Part B
8	Puthur	14271	8.4	1698.93	CRZ III B	Mogral Puthur	Census 2011, Part B
9	Kudlu	26235	10.87	2413.52	CRZ III A	Mogral Puthur	Census 2011, Part B
10	Kalnad	18029	8.47	2128.57	CRZ III B	Chemnad	Census 2011, Part B
11	Udma	8115	4.53	1791.39	CRZ III B	Udma	Census 2011, Part B
12	Pallikkara-II	16618	6.7	2480.30	CRZ III A	Udma	Census 2011, Part B
13	Pallikkara-I	14334	6.34	2260.88	CRZ III A	Pallikkara	Census 2011, Part B
14	Keekan	9735	4.48	2172.99	CRZ III A	Pallikkara	Census 2011, Part B
15	Chithari	16074	13.27	1211.30	CRZ III B	Ajanur	Census 2011, Part B
16	Ajanur	33079	14.56	2271.91	CRZ III A	Ajanur	Census 2011, Part B
17	Valiyaparamba	12790	16.12	793.42	CRZ III B	Valiyaparamba	Data from Panchayath

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

Panchayat	HTL Length (km)		CRZIA (ha)				CRZ IB (km ²)	CRZII (ha)		CRZ III (ha)				CRZ IVB (km ²)
	Along coast	Along Creek	Archaeological Heritage Site	Turtle Nesting Ground	Mangroves	50m Mangrove Buffer Zone		Along coast	Along Creek	NDZ		CRZ IIIA (50-500m)	CRZ IIIB (200-500m)	
										Along Coast	Along creek			
Manjeshwar	5.58	12.16			0.066178	0.238289	0.596986			1.074032	0.369312		1.648784	0.480486
Mangalpady	12.7	9.79			0.024501	0.090687	0.932319			2.110338	0.342861		2.85937	0.614223
Meenja											0.00103		0.005021	
Kumbla	2.57	16.67			0.53161	0.675452	0.646603			0.426475	0.618957		0.650201	1.105875
Puthige		1.21			0.001004		0.007905				0.060246			0.010736
Mogral Puttur	5.64	18.62			0.162837	0.59756	0.707787	2.644819	0.376493	0.000028				0.552448
Kasaragod Municipality	5.1	24.51			0.243835	0.327932	0.777954	1.727983	0.585394		0.009864			2.481726
Chengala		7.08					0.085098		0.31511					0.472218
Chemnad	3.13	29.51			0.004629	0.001434	0.410151			0.597539	1.185984		0.808976	1.560242
Muliyar		3.3					0.044256				0.166437			0.15776
Uduma	5.29	13.77			0.006131		0.453417	2.502376	0.246265	0.000771				0.36338

Pallikkara	5.86	4.45	0.108813		0.000062		0.277889	2.654863	0.316555					0.004295
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Badadukka		11.24					0.155137		0.00185		0.404328			0.182489
Ajanur	3.95	23.66			0.019017	0.050605	0.507078	1.895715	0.440185					0.608582
Pullur Periya		1.14					0.005184		0.007916					
Kanhangad Municipality	9.61	4.13		0.225799	0.000109		0.465812	4.814286	0.103076					0.063306
Nileshwar Municipality	3.77	37.42		0.102705	0.006445		0.588454	1.627757	1.429682	0.000078				1.5757
Kayyur Cheemeni		25.24			0.005714	0.022651	0.28093		0.004804		0.978139			1.127913
Kinnur Karinthalam		18.22					0.162427				0.900766			0.863046
West Eleri		6.55					0.043502				0.318502			0.082312
Cheruvathur		41.38			0.009176		0.427498				1.468444		0.003762	1.798454
Padana		36.01			0.025228	0.015698	0.368177				1.419586			2.65017
Thrikkarippur		30.03			0.093283	0.189851	0.333715		1.109792		0.000007			1.252861
Valiyaparamba	18.69	41.17		0.036496	0.028401	0.059607	1.332254		0.004366	3.144676	1.385469		1.965453	8.41181
Sub Total	81.9	417.24	0.108813	0.365	1.22816	2.269766	9.610533	17.867799	4.941488	7.353937	9.629932		7.941567	26.420032
TOTAL	499.14			1.701973		2.269766	9.610533	22.809287		16.983869			7.941567	26.420032

*The total area may have small changes during the stage of final map preparation.

Table-4: CRZ details in Villages of Kasaragod District

Panchayat	Villages	HTL Length (km)		CRZIA (ha)				CRZ IB (km ²)	CRZ II (km ²)		CRZ III (km ²)				CRZ IVB (km ²)
		Along coast	Along Creek	Archaeological Heritage Site	Turtle Nesting Ground	Mangroves	50m		Along coast	Along Creek	NDZ		CRZ IIIA (50-500m)	CRZ IIIB (200-500m)	
							Mangrove Buffer Zone				Along Coast	Along creek			
Manjeshwar	Hosabettu	1.59	8.97			0.037185	0.134929	0.347277			0.301464	0.295412		0.381951	0.330965
	Kunjathur	3.99	3.19			0.028993	0.10336	0.249709			0.772568	0.0739		1.266833	0.149521
Mangalpady	Uppala	9.87	5.43			0.017588	0.069637	0.712831			1.674763	0.147838		2.166805	0.234203
	Ichilangod	2.83	4.36			0.006913	0.02105	0.219488			0.435575	0.195023		0.692565	0.38002
Meenja	Kadambar											0.00103		0.005021	
Kumbla	Bombrana	0.29	12.16			0.299859	0.477821	0.370285			0.013693	0.474312		0.045056	0.949564
	Koipady	2.28	4.51			0.231751	0.197631	0.276318			0.412782	0.144645		0.605145	0.156311
Puthige	Edanad		1.21			0.001004		0.007905				0.060246			0.010736
Mogral Puttur	Kudlu	2.26	2.07			0.043398	0.096265	0.180692	1.087332						0.075487
	Putturu	1.3	12.05			0.076331	0.342574	0.34002	0.687007	0.226476					0.413133
	Mogralu	2.08	4.5			0.043108	0.158721	0.187075	0.87048	0.150017	0.000028				0.063828

Kasaragod Municipality	Thalangara	5.1	24.51			0.243835	0.327932	0.777954	1.727983	0.585394		0.009864		2.481726
Chengala	Chengala		7.08					0.085098		0.31511				0.472218
Chemnad	Kalanad	3.13	16.95			0.004629	0.001434	0.271981			0.597539	0.583974	0.808976	0.798751
	Thekkil		12.56					0.13817				0.60201		0.761491

Muliyar	Muliyar		3.3					0.044256				0.166437		0.15776
Uduma	Uduma	2.45	1.67					0.136199	1.275077	0.016505	0.000771			0.032641
	Pallikkara-II	2.85	12.1			0.006131		0.317218	1.227299	0.22976				0.330739
Pallikkara	Pallikkara-I	4.69	0.23	0.108813		0.000057		0.19409	2.135183	0.051373				0.000063
	Panayal		1.84					0.016462		0.178234				0.004092
	Keekan	1.17	2.38			0.000005		0.067337	0.51968	0.086948				0.00014
Badadukka	Kolathur		11.24					0.155137		0.00185		0.404328		0.182489
Ajanur	Ajanur	1.83	4.94			0.002745	0.016409	0.24452	1.139391	0.051214				0.149581
	Chithari	2.12	18.72			0.016272	0.034196	0.262558	0.756324	0.388971				0.459001
Pullur Periya	Pullur		1.14					0.005184		0.007916				
Kanhangad Municipality	Kanhangad	6.39	3.89		0.177255	0.000109		0.334962	3.256032	0.090569				0.058127
	Balla	1.07						0.027356	0.543604					
	Pudukkai		0.24					0.001583		0.012507				0.005179
	Hosdurg	2.15			0.048544			0.101911	1.01465					
Nileshwar Municipality	Perole		8.13			0.001198		0.086596		0.331986				0.439737
	Nileshwar	3.77	29.3		0.102705	0.005247		0.501858	1.627757	1.097696	0.000078			1.135963
Kayyur Cheemeni	Cheemeni-I		10.15					0.10614				0.424377		0.277802
	Klayikode		6.35			0.005714	0.022651	0.084866				0.205149		0.307412
	Kayyur		8.74					0.089924		0.004804		0.348613		0.542699
Kinnur Karinthalam	Cheemeni-II		5.62					0.040588				0.320659		0.191848
	Karinthalam		3.23					0.02001				0.169151		0.152618
	Kinnanur		9.36					0.101829				0.410956		0.51858

West Eleri	Bheemandi		6.55					0.043502				0.318502			0.082312
Cheruvathur	Cheruvathur		41.38			0.009176		0.427498				1.468444		0.003762	1.798454

Padana	Padana		36.01			0.025228	0.015698	0.368177				1.373037			2.65017
	Udinoor											0.046549			
Thrikkarippur	Trikaripur North		2.24			0.00756	0.026522	0.034787		0.161199		0.000007			0.03642
	Trikaripur South		27.8			0.085723	0.163329	0.298928		0.948593					1.216441
Valiyaparamba	Valiyaparamba	18.69	41.17		0.036496	0.028401	0.059607	1.332254		0.004366	3.144676	1.385469		1.965453	8.41181
Sub Total		81.9	417.24	0.108813	0.365	1.22816	2.269766	9.610533	17.867799	4.941488	7.353937	9.629932		7.941567	26.420032
TOTAL		499.14		1.701973			2.269766	9.610533	22.809287		16.983869			7.941567	26.420032

*The total area may have small changes during the stage of final map preparation.

Table-5: List of Coastal and Backwater Islands in Kasaragod District

Island No.	Local Body	Latitude	Longitude	Area (Km ²)
1	Valiyaparamba	12° 6' 26.323" N	75° 9' 59.186" E	1.103697
2	Trikkaripur	12° 7' 0.749" N	75° 10' 5.025" E	0.003509
3	Valiyaparamba	12° 8' 1.348" N	75° 9' 22.285" E	1.300573
4	Padanna	12° 9' 26.746" N	75° 9' 3.382" E	0.148524
5	Padanna	12° 9' 38.722" N	75° 8' 47.735" E	0.848466
6	Padanna	12° 10' 11.123" N	75° 8' 44.759" E	0.008413
7	Padanna	12° 10' 44.167" N	75° 8' 25.736" E	0.009954
8	Padanna	12° 10' 50.057" N	75° 8' 15.722" E	0.222726
9	Padanna	12° 11' 23.662" N	75° 7' 58.160" E	0.073872
10	Valiyaparamba, Padanna, Cheruvathur	12° 11' 50.405" N	75° 7' 52.364" E	0.113813
11	Nileshwar Municipality	12° 13' 46.907" N	75° 7' 1.233" E	0.201858
12	Cheruvathur	12° 13' 40.340" N	75° 7' 25.151" E	0.656938
13	Nileshwar Municipality	12° 14' 6.826" N	75° 8' 23.647" E	0.198557
14	Cheruvathur	12° 12' 52.920" N	75° 7' 24.603" E	0.08059
15	Cheruvathur	12° 13' 29.010" N	75° 8' 7.265" E	3.821101
16	Nileshwar Municipality	12° 14' 34.054" N	75° 9' 30.386" E	0.379694
17	Nileshwar Municipality	12° 14' 33.350" N	75° 7' 25.772" E	0.094569
18	Nileshwar Municipality	12° 15' 37.163" N	75° 9' 58.415" E	0.022662
19	Kinanur-Karinthalam	12° 16' 18.168" N	75° 10' 37.716" E	0.008945
20	Kinanur-Karinthalam	12° 16' 16.049" N	75° 10' 42.679" E	0.025346
21	Kinanur-Karinthalam	12° 16' 27.136" N	75° 11' 15.301" E	0.009141

22	Ajanur	12° 21' 50.694" N	75° 3' 22.196" E	0.025274
23	Ajanur	12° 21' 42.595" N	75° 4' 4.426" E	0.012434
24	Kasaragod Municipality	12° 28' 13.932" N	74° 59' 31.629" E	0.00742

25	Kasaragod Municipality	12° 28' 45.643" N	74° 59' 59.359" E	0.083938
26	Kasaragod Municipality	12° 29' 15.753" N	74° 59' 6.227" E	0.047137
27	Chemnad	12° 29' 33.456" N	74° 59' 56.891" E	0.016636
28	Chemnad, Kasaragod Municipality	12° 30' 11.118" N	75° 0' 9.198" E	0.152338
29	Chemnad	12° 30' 6.817" N	75° 0' 21.074" E	0.030849
30	Chemnad, Chengala	12° 30' 19.460" N	75° 1' 35.247" E	0.066528
31	Chengala	12° 29' 43.178" N	75° 3' 0.431" E	0.006861
32	Bedadukka	12° 26' 43.136" N	75° 5' 2.618" E	0.005747
33	Mogral - Puthur	12° 32' 36.748" N	74° 57' 31.639" E	0.004754
34	Mogral - Puthur	12° 33' 22.066" N	74° 57' 17.674" E	0.034123
35	Kumbla	12° 36' 38.983" N	74° 55' 57.035" E	0.025639
36	Manjeshwar	12° 41' 59.101" N	74° 53' 45.039" E	0.04666
37	Manjeshwar	12° 42' 43.938" N	74° 53' 26.294" E	0.001344
38	Nileshwar Municipality	12° 14' 5.518" N	75° 7' 33.946" E	0.000929
39	Cheruvathur	12° 14' 13.233" N	75° 9' 40.548" E	0.000763
40	Padanna	12° 11' 18.248" N	75° 8' 22.351" E	0.005661
41	Padanna	12° 11' 16.778" N	75° 8' 25.227" E	0.004815