

Chapter I

Table : 1.1

Land Area of Kilinochchi District -2018

S.No	A.G.A'S Division	Total Area Sq.Km
1	Karachchi	436.93
2	Kandawalai	259.45
3	Poonakary	483.97
4	Pachchilaipalli	167.84
Total		1348.19

Source:- Land Use Planning Unit, Kilinochchi (Including Water Surface)

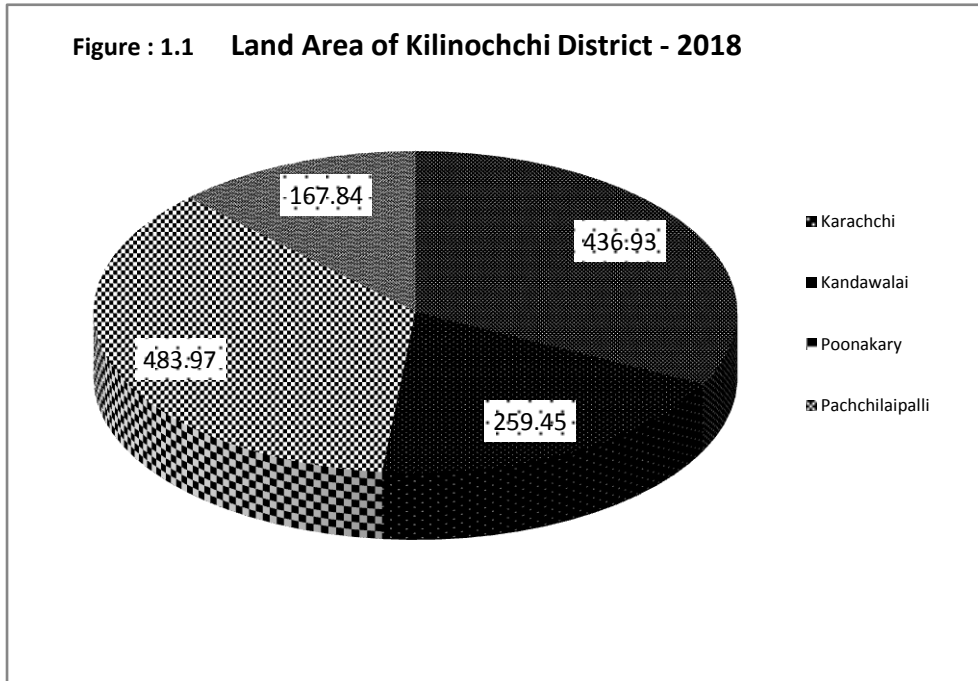


Table :- 1.2

Area of Kilinochchi District by Divisional secretariat

Divisional Secretariat	Sq Miles	Sq Km	Ha
Karachchi	159.29	436.93	43,692.83
Kandawalai	81.28	259.45	25,945.47
Poonakary	173.93	483.97	48,396.84
Pachchilaipalli	65.00	167.84	16,784.00
Total	479.50	1,348.19	134,819.14

Source:-Land Use Planning Unit,Kilinochchi (Including Water Surface)

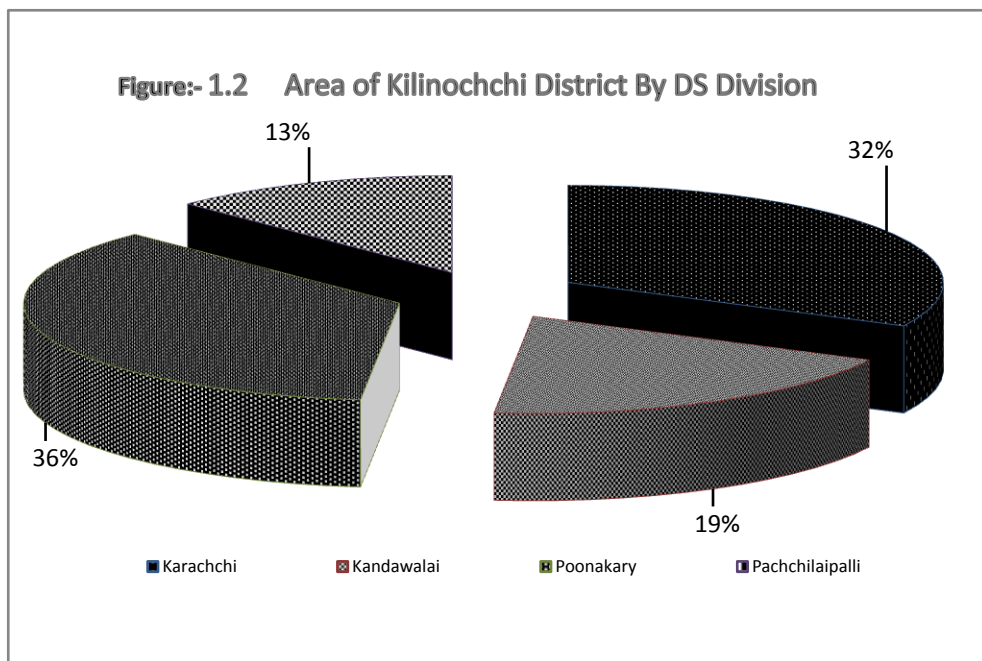


Table : 1.3

Land Use Patterns in Ha-Kilinochchi District

S. No	Land Use & Land Cover	Sub Category	Karachchi PS		Poonakary PS	Pachchilaipalli PS		District	
			Karachchi	Kandawalai		Poonakary	Pachchilaipalli	Total	in %
1	Built-Up Land Associated		670.67	278.84	1,399.73	927.00	3276.24	2.43	
2	Home Gardens		9,299.38	2,764.55	4,082.56	1,706.00	17852.49	13.24	
3	Agricultural Land	Plantation Crops	325.38	206.58	334.38	1,423.00	2289.34	1.70	
		Palmyra		7.00	297.24	2,550.00	2854.24	2.12	
		Other	4.85		260.13		260.13	0.19	
4	Forest Land	Aquaculture	922.73	2.09		101.00	1025.82	0.76	
		Field Crops							
		Paddy	13,494.40	11,411.70	9,582.66	1,223.00	35711.76	26.49	
		Forest	10,343.13	1,091.51	19,745.30		31179.94	23.13	
5	Wet Land	Scrub	1,831.02	1,149.25	3,319.15	3,537.00	9836.42	7.30	
		Forest Plantations				762.00	762.00	0.57	
		Grass Land	6.20				6.20	0.00	
6	Water Bodies	Mangrove	418.05	113.00	2,491.50	534.00	3556.55	2.64	
		Marsh	1,837.16	856.95	524.29	146.00	3364.40	2.50	
7	Other Land (Rocky areas, bare Lands, Sandy Areas, Beaches etc)	Tanks / Reservoirs	3,464.38	5,960.00	3,598.18	2,633.00	15655.56	11.61	
			1,075.48	2,104.00	2,761.72	1,242.00	7183.20	5.33	
Sub.Total			43,692.83	25,945.47	48,396.84	16,784.00	134,819.14	100.00	
Total			69,638.30		48,396.84	16,784.00	134,819.14	100.00	

Source : Land Use Planning Division, District Secretariat, Kilinochchi

Note:- Kilinochchi Forest area range including a part of Mullaitivu, Mannar & Jaffna Districts Forest Lands.

Table : 1.4

Annual Rainfall-Kilinochchi District (In.Mm)

Year	Kilinochchi District		
	Iranamadhu	Akkarayan	Kariyalainagapaduvan
2000	1321.01	940.90	905.20
2001	1090.92	1963.66	1935.11
2002	760.87	1256.48	1425.77
2003	1127.89	1256.27	923.40
2004	1118.99	1451.74	1601.45
2005	1043.31	1051.40	596.50
2006	732.20	735.90	875.70
2010	1546.70	1198.20	1212.10
2011	1822.40	1586.41	1152.90
2012	1196.20	1211.50	1154.30
2013	1224.10	999.10	1310.20
2014	1849.70	1740.70	1671.90
2015	2093.40	2637.80	1699.80
2016	1560.10	1409.70	931.90
2017	1335.80	1174.10	925.60
2018	1711.80	1375.90	1172.60

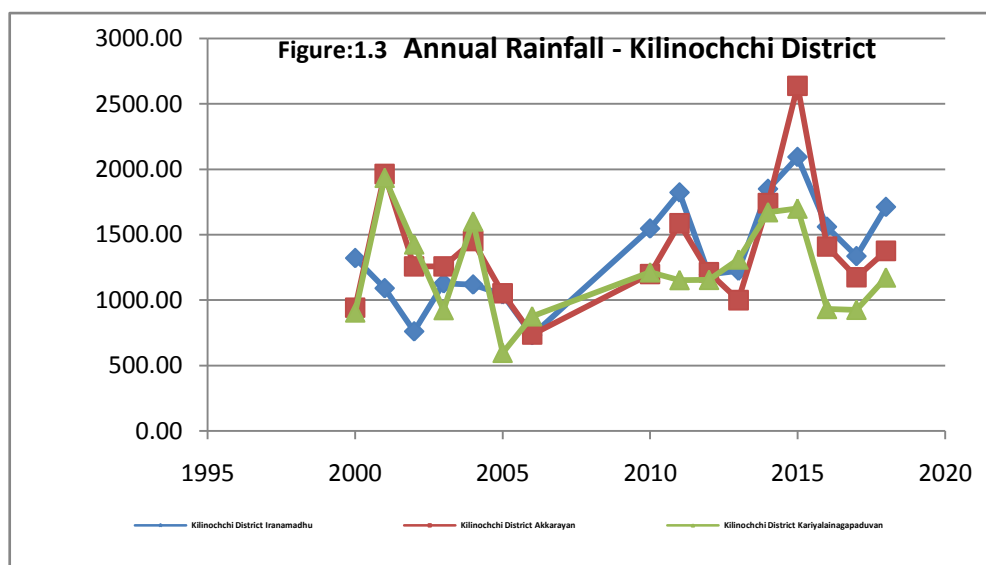


Table : 1.5

Forest Plantation in Kilinochchi District

S.No	Name of Forest Area	Extent [Ha]	Species
1	Pallai	133Ha	Eucalipthus -Camaidilensis
2	Irranaimadhu	10Ha	Teak (army Camp Area)
3	Kilinochchi	-	-
4	Murukandy	10Ha	Teak

Source:- District Forest Office, Vavuniya.

Table:-1.6

Forest Reserve in Kilinochchi District

S.No	Name of Forest	Extent (Sq.Km)
1	Pallai Reserve	425.000
2	Akkarayan	11,219.000
3	Chunnavil	2,110.000
4	Mandakall Aru	8,355.000
5	Iranaimadhu (Part of Iranamadu)	120.000
6	Nagapaduvan	4,026.000
7	Panikandamadu	2,446.000
8	Kowikoduttawill	6,480.000
9	Maduwilnadu	1,765.000
10	Punnaweli	1,638.000
11	Waddakachchi	50.000
Total		55555.660

Source:- Divisional Forest Office, Kilinochchi

Table : 1.7

State Forest in Kilinochchi Range

S.No	Name of Forest	Extent (Sq.Km)
1	Teravil	50.000
2	Paranthan	100.000
3	Kalmaidhu Nagar (Part of Iranamadu)	25.000
4	Weerawadianmunai	228.000
Total		11847.000

Source:- Divisional Forest Office, Kilinochchi

Table:-1.8

Annual Mean Temperature by Monthly - 2016 - 2018

S.No.	Month	2016		2017		2018	
		Min	Max	Min	Max	Min	Max
1	January	21.9	29.9	21.5	29.1	20.8	28.9
2	February	22.0	31.6	20.3	29.8	21.2	30.0
3	March	24.0	34.0	23.9	32.1	23.4	32.3
4	April	27.7	35.7	27.1	34.2	25.7	34.3
5	May	27.8	33.6	27.6	33.7	27.0	33.3
6	June	27.6	32.2	27.5	33.1	27.6	32.1
7	July	27.6	32.5	27.3	34.2	27.1	32.9
8	August	27.6	33.1	26.6	33.1	26.7	32.2
9	September	NA	32.3	26.2	31.7	25.9	32.2
10	October	25.7	32.3	26.3	31.9	24.7	30.4
11	November	23.7	29.9	23.9	29.7	23.5	29.5
12	December	22.2	29.2	22.8	29.3	22.9	22.9

Table:-1.9

Annual Relative Humidity by Monthly - 2016 - 2018

S.No.	Month	2016		2017		2018	
		Day	Night	Day	Night	Day	Night
1	January	71	NA	75	NA	70	NA
2	February	69	NA	69	NA	68	NA
3	March	64	NA	71	NA	69	NA
4	April	64	NA	69	NA	67	NA
5	May	74	NA	72	NA	75	NA
6	June	73	NA	73	NA	78	NA
7	July	72	NA	68	NA	70	NA
8	August	71	NA	73	NA	72	NA
9	September	73	NA	76	NA	73	NA
10	October	72	NA	79	NA	83	NA
11	November	79	NA	85	NA	82	NA
12	December	76	NA	77	NA	83	NA

Source:-Department of Meteorology