

# LAND SUITABILITY ASSESSMENT FOR FORESTATION

VILLUPURAM DISTRICT,  
TAMIL NADU

April 2024

Forest



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# ACKNOWLEDGEMENT

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# ABOUT LILA

LifeLands (LiLa) is an innovative digital tool that uses satellite imagery, AI & GIS Mapping and (i) creates land-cover maps at high spatial resolution for any area of interest, (ii) detects degraded/unused lands and (iii) evaluates these lands in regard to climate mitigation and adaptation interventions such as sustainable water management, forestation and solar energy generation.

Examples on how Lila can be used:

- It can detect degraded lands with high spatial resolution and shortlist lands that are best suited to meet India's reforestation target.
- It can undertake a high-level water demand assessment of any area of interest and identify best locations for surface and ground water management.
- It can monitor land-use change over time and help in reporting increase or decrease in forest cover.
- It can identify degraded lands that are best suited for distributed solar energy to meet energy security targets and inform utilities and project developers.
- It can inform land-use and zoning exercise at the local and state level.
- It combines socio-environmental and advanced physical terrain analysis to generate blueprints for sustainable rural development.

Forest 

# KEY FINDINGS

TOTAL GEOGRAPHICAL AREA

3,907 km<sup>2</sup>

UNUSED LAND

1,092 km<sup>2</sup>

CURRENT TREE COVER

9.57 %

Villupuram, district has a total geographical area of 3,907 km<sup>2</sup> of which 1,092 km<sup>2</sup> or 28% has been classified as unused or fallow lands.



## TREE COVER TARGET

The Tamil Nadu Forest Policy 2018 aims to increase forest cover to 33% of the total geographical area of the state. The district's forest cover target has been set as a proportional share of the state's forestation target. This requires a land area of 2,26,179 acres (915 km<sup>2</sup>).

2,26,179 acres

7.65 MtC



## TECHNICAL POTENTIAL

The suitability analysis revealed that 1,92,917 acres (781 km<sup>2</sup>) of unused land have a technical potential for forestation. These lands are distributed over 9,836 plots. The suitable lands identified can help to achieve 85% of the target. Foresting the lands with technical potential would create a potential carbon stock of 6.52 MtC.

1,92,917 acres

6.52 MtC

9,836 plots

85.29% of target



## HIGHEST POTENTIAL

95 plots comprising 1,674 acres (7 km<sup>2</sup>) were identified that meet the set of criteria for high potential suitability.

1,674 acres

0.06 MtC

95 plots

0.74% of target





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# 01 INTRODUCTION

**The objective of this report is to identify unused lands in Villupuram district and evaluate its potential for forestation initiatives that can contribute in meeting the state's tree-cover target of 33% by the year 2030.**

Land is a finite resource with competing and conflicting use. Unplanned and unscientific use of land can exacerbate climate change, and disasters like drought or floods. Judicious use of land resources is key in meeting the state's social, economic and environmental development goals. A comprehensive land suitability assessment can guide responsible and sustainable development practices and land-use policies.

As per its intended Nationally Determined Contribution under the United Nations Framework Convention on Climate Change, India is targeting the creation of an additional carbon sink which is equivalent to 2.5 to 4 billion tonnes of CO<sub>2</sub> by 2030 – through additional forest and tree cover of 25-30 million hectares. In this context, the State Government of Tamil Nadu has set a target to increase its percentage of tree cover from 23% to 33% by the year 2030.

The objective of this report is to identify unused lands in Villupuram district and evaluate to what extent these unused lands can be utilized to meet the state's tree cover target. Degraded lands can become key elements in rolling out climate adaptation and mitigation programs. The use in geospatial data can create critical data-based insights that supports decision-making by providing detailed information on exactly "where" (location) and "why" (attributes of the location) to implement forestation initiatives. This type of geospatial information, if provided to local authorities, planning bodies, restoration organizations and other government bodies, has the potential to benefit the district in meeting its forestation targets.

# 02 TECHNOLOGY OFFER

## ANALYSING INTERLINKAGES FOR INFORMED DECISION MAKING

Lila combines geo-spatial and socio-economic data-layers to address the core aspects of sustainable land-use management. It identifies and evaluates unused lands to use their potential in terms of solar energy, forestation, and water management.

The tool is designed to provide flexible solutions with in-built climate intelligence that enables it to understand the physical constraints and social demands of a local region and facilitate rapid decision-making & implementation.

It allows a 360° view of a highly interlinked problem by analyzing multiple layers of information at once and by creating rapid data-based insights derived from earth observation data, machine learning algorithms, integrated public datasets and in-depth subject expertise. An automated data pipeline performs a comprehensive evaluation of the natural potential of a land with respect to its ecosystem as well as the socio-economic context, to ensure that its protection and development get the "right" context.

We have an in-house land-cover algorithm that analyses satellite imagery across a year and assigns every pixel a land-cover class based on its recorded electromagnetic spectral signature. This way we can reliably identify lands that have been lying barren over a certain period of time or those that remain unused. We perform advanced terrain analysis based on digital elevation maps to understand the physical constraints. We assess the true potential of a land with respect to its ecosystem as well as the socio-economic context. This information is further fed to our suitability analytics for site rating and selection.

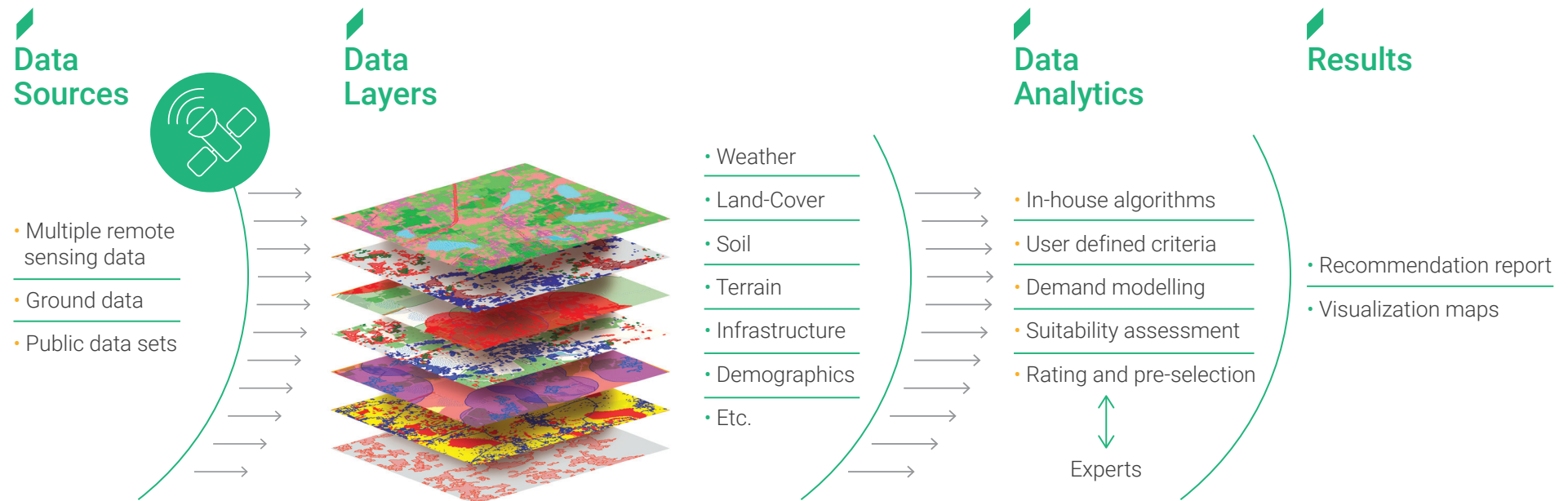
This can replace the current outdated ways of infrastructure expansion that involve long lead times and a lack of reliable data for planning and impact measurement. By creating more transparency and delivering sustainable development goals (SDGs) faster in a more diligent and precise manner.

# 03 METHODOLOGY

## ANALYSING INTERLINKAGES FOR INFORMED DECISION MAKING

Lila combines geo-spatial and socio-economic data layers to address the core aspects of sustainable land-use management. It identifies and evaluates unused lands for their potential in terms of solar energy, forestation, water management, industrial development, agriculture and housing.

Analysing multiple dimensions and interlinkages & making the right decisions

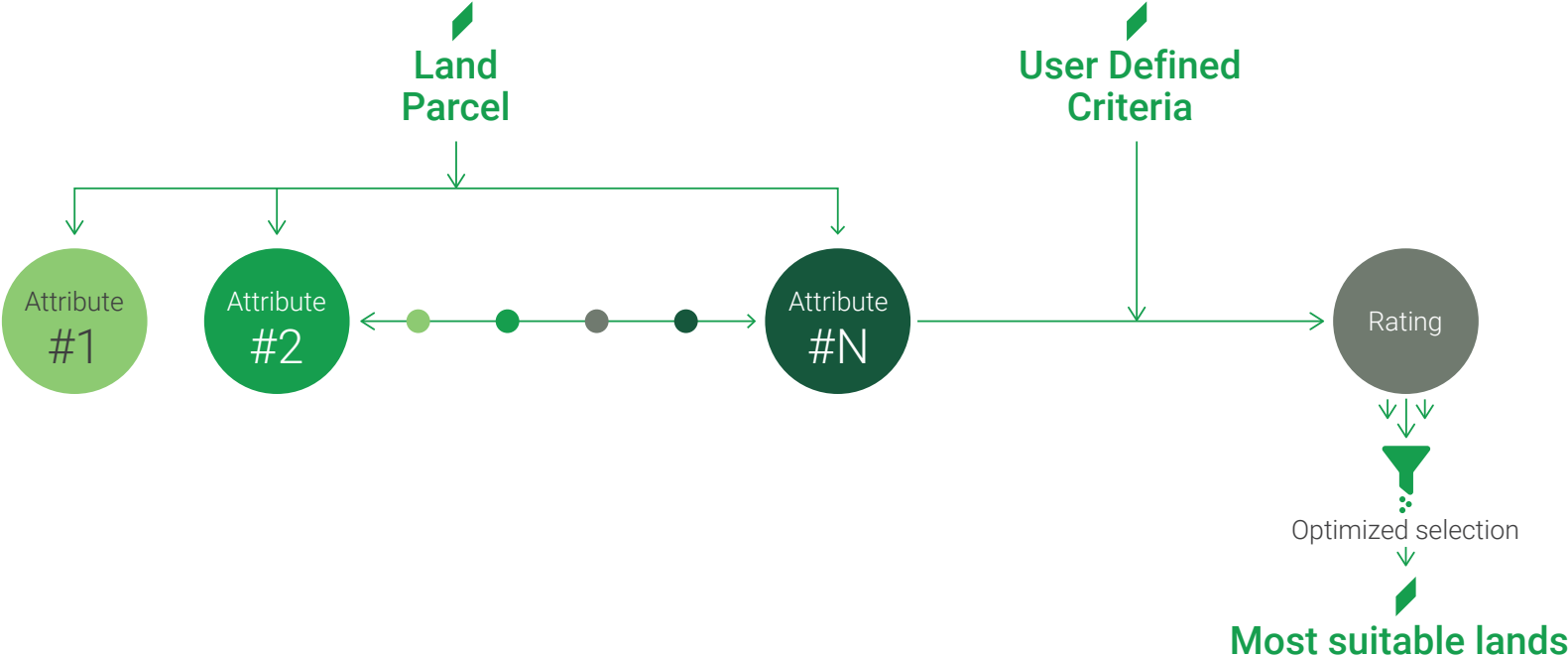


Unifying diverse data & expertise on a single platform



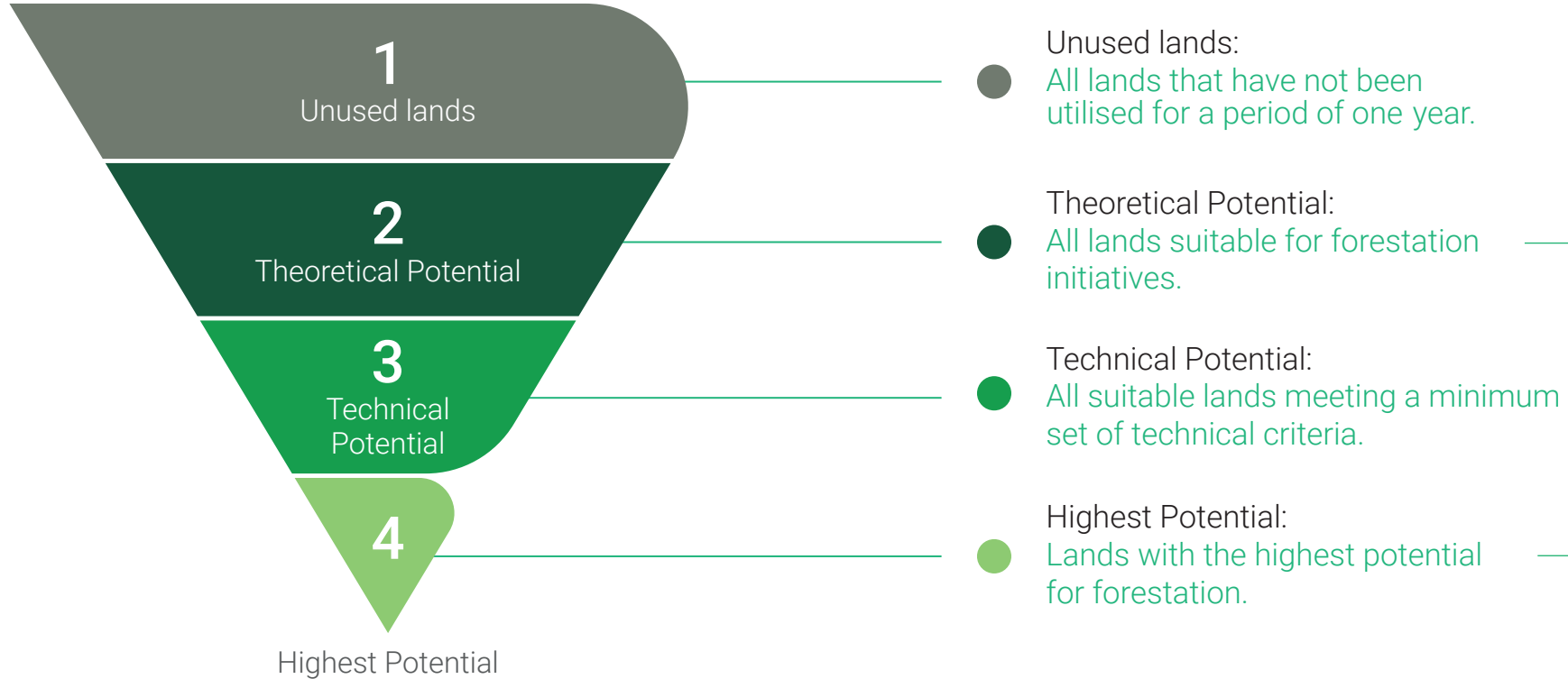
Insights from the integrated technology layers along with user-defined criteria are utilised to optimise the land evaluation and recommendation process.

## User-based Prioritisation Ratings



## EVALUATION STEPS

The land suitability assessment is undertaken in a 4-step filtration process to identify unused lands that consecutively meet theoretical, technical and highest potential criteria.



Additionally all lands with technical potential have been analysed in regards to its distribution by size and for its competing land-use for water harvesting and solar energy generation.

### LAND DISTRIBUTION

#### Categories

>2.5 to 20	acres
>20 to 100	acres
>100	acres

### COMPETING USE FOR CLIMATE ACTION

#### Criteria

Solar potential	High
Water Harvesting potential	High

### THEORETICAL POTENTIAL

#### Criteria

Distance from substation	>1 km
Distance to railway	>200 m
Distance from highways	>500 m
Terrain (geology/soil)	suitable

### TECHNICAL POTENTIAL

#### Criteria

Min. land size	>2.47 acre
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### HIGHEST POTENTIAL

Criteria	High	Medium	Low
Elevation	>0.7	>0.7	0
Water potential	yes	yes	no
Forest corridor	yes	no	no
Seclusion (km)	> 1	no	no

To estimate the carbon stock and CO<sub>2</sub> sequestration potential, the co-efficient of 124 tCO<sub>2</sub> /acre is utilised. This coefficient has been obtained from carbon stock values of forests in Tamil Nadu, as per The Ministry of Environment, Forest and Climate Change, Forest Survey of India (FSI, 2017), (FSI, 2019), (FSI, 2021).

To contribute in meeting Tamil Nadu's tree cover target of 33% of total geographic area, the Villupuram district would need a cumulative area of 2,26,179 acres of land.

### TARGET SETTING

Tamil Nadu is planning to increase its tree cover from 23% to 33% of the TGA by the year 2030. This will require 13,005 km<sup>2</sup> of land to be reforested. Villupuram district currently has a tree cover of 9.57 % of TGA not considering sparse vegetation. With sparse vegetation, it is 13 %. We consider this as the baseline.

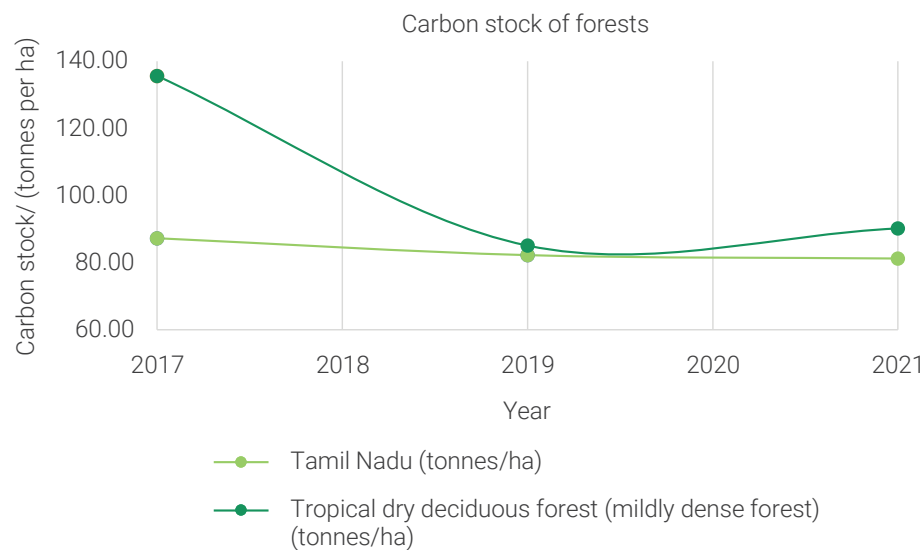
If the district were to aim at 33% tree cover an additional 23.43 % of tree cover is needed. This requires 2,26,179 acres to be forested and would result in the creation of a carbon stock to the tune of 7.65 million tonnes of carbon (MtC).

#### TREE COVER TARGET

	State	District
TGA (km <sup>2</sup> )	1,30,058	3,907
Tree cover baseline (%)	23%	9.57%
Target tree cover (%)	33%	33%
Tree cover increase (%)	10%	23%
Land requirement (acres)	32,13,800	2,26,179
Carbon stock creation (MtC)	108.69	7.65

## CARBON STOCK CALCULATIONS

Carbon stock accounting is based on the stock difference method as outlined in (FSI, 2019). The trend in carbon stock per ha of forests were plotted according to the overall values of the state and the dominant forest type in Tamil Nadu (see figure below), which are tropical deciduous and thorn forests (Government of Tamil Nadu Forest Department, 2017). However, the data for the latter pertains to pan India. The available data was from 2017 – 2021 for every alternate year.



The carbon stock values for the tropical dry deciduous forests in India does not show a consistent trend. However, the latter two values are similar to the other trend. The carbon stock values specific to Tamil Nadu show an almost constant trend, indicating that the net change in carbon in the pool is almost zero. This indicates that the total net CO<sub>2</sub> that can be sequestered by a forest is already achieved. Thus, the average of these values can be used to estimate the total

carbon stock (in tC) that can be potentially created by a forested area in Tamil Nadu, over its lifetime. This will also allow us to estimate the equivalent net CO<sub>2</sub> that was sequestered.

The average value of the carbon stock per unit area in Tamil Nadu is 84 tC/ha. To convert it into per acre, the value is divided by 2.471, to receive 33.82 tC/acre.

To estimate the equivalent CO<sub>2</sub>, the carbon stock is multiplied by 3.67 to represent this value with the equivalent mass of CO<sub>2</sub> sequestered (FSI, 2021). Thus, the coefficient for calculating the total net CO<sub>2</sub> that can be sequestered by a forest over its lifetime (in Tamil Nadu) is 124.12 tCO<sub>2</sub>/acres.



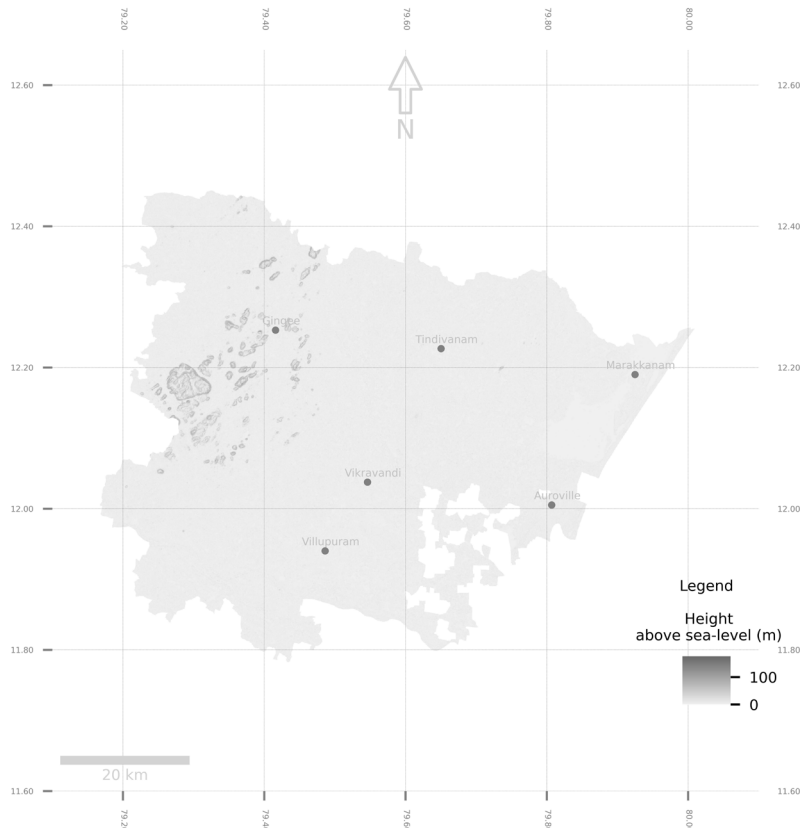
**KEY TERMS:** The following table provides further details on the key terms utilized for the land suitability assessment.

<b>Term</b>	<b>Description</b>
Accessibility	Refers to the roads and railway lines within the district.
Built-up	Land covered by buildings. Buildings include both residential and industrial building.
Carbon sequestration potential	The amount of CO <sub>2</sub> sequestered by a forest ecosystem. In this analysis, the net CO <sub>2</sub> absorbed from the atmosphere over the forest's lifetime is considered.
Carbon stock potential	The carbon stored in the forest ecosystem. In this analysis, the net carbon accumulated over the forest's lifetime is considered.
Competing use	The suitability of unused lands for other purposes, such as water harvesting, forestation, industrialisation, housing, agriculture, and solar development.
Cropland	The annual cropland produces a herbaceous cover and is sometimes combined with some tree or woody vegetation. Note that perennial woody crops will be classified as the appropriate tree cover or shrub land cover type. Greenhouses are considered as built-up.
Elevation	Elevation is often used as a criterion, which considers the height of the area of interest relative to the highest point of the watershed it is in. Ex: lands with elevation > 0.7 are lands that lie above 70% of the region's watershed elevation, and lands with elevation < 0.3 are lands that lie below 30% of the region's watershed elevation. Elevation of lands are also provided in terms of their height in meters from mean-sea-level.
Evacuation infrastructure	Includes transmission lines and substations. The nearest distance to either is considered.
Evapotranspiration (ET)	Evapotranspiration (ET) is the combined loss of water in the form of evaporation from the soil surface and transpiration from the plant. ET can be used as a proxy indicator for water demand.
Forest corridor	When set as a criterion, it indicates whether the identified unused land is positioned in a way that can potentially create a forest corridor, based on the relative position and proximity to surrounding forests.
High potential	A sub-category of technical potential criteria that ensure the most preferable conditions based on the purpose of the evaluation. The criteria vary based on the type of assessment.
Land use	The LiLa algorithm identifies 6 categories of land use: unused/barren, sparse vegetation, cropland, tree cover, water and built-up. Land is recognized under each of these categories by the algorithm based on the pixel properties obtained through satellite imagery.
Largest plot	The largest plot refers to the plot with maximum area that meets the technical criteria.
Low potential	A sub-category of technical potential criteria. This is a minimum criterion.
Medium potential	A sub-category of technical potential criteria, satisfying a higher number of criteria than 'low'. The criteria vary based on the type of assessment.
Population density	Number of people per unit area (in this case acres). The population data is from (Meta, 2022).
Protected areas	These are areas allocated for reserve forests and other such classified lands.
Roads	Different types of pathways are recognized as roads, including highways, primary, secondary, tertiary and residential roads. The roads included in this analysis consider those sufficient to allow mini-trucks to pass.
Seclusion	The distance from populated areas.
Sparse Vegetation	Includes scrubs, grassland and sparse vegetation. Land covered with annual cropland that is sowed/planted and harvestable at least once within the 12 months after the sowing/ planting date.
Technical potential	A set of criteria that characterizes unused lands with a relatively good potential, in terms of social, economic and environmental factors. The criteria vary based on the type of assessment.

Terrain/geology	Terrains are classified as either suitable or not suitable for forestation. Only terrains that are not at suitable for forestation, such as rocky ones, have been marked out as unsuitable.
Theoretical potential	A set of criteria that characterizes unused lands that have a basic potential depending on the purpose of evaluation. The criteria vary based on the type of assessment.
Tree cover	This class includes any geographic area dominated by trees with a cover of 10% or more. Other land cover classes (shrubs and/or herbs in the understorey, built-up, permanent water bodies, ...) can be present below the canopy, even with a density higher than trees. Areas planted with trees for afforestation purposes and plantations (e.g. oil palm, olive trees) are included in this class. This class also includes tree covered areas seasonally or permanently flooded with fresh water.
Unused Lands	Lands that have been unused throughout the year (in terms of cultivation/built-up/water/trees) and does not belong to any of the other categories, and could be in barren condition sometimes.
Water Bodies (Permanent)	This class includes any geographic area covered for most of the year (more than 9 months) by water bodies: lakes, reservoirs, and rivers. They can either be fresh or salt-water bodies.

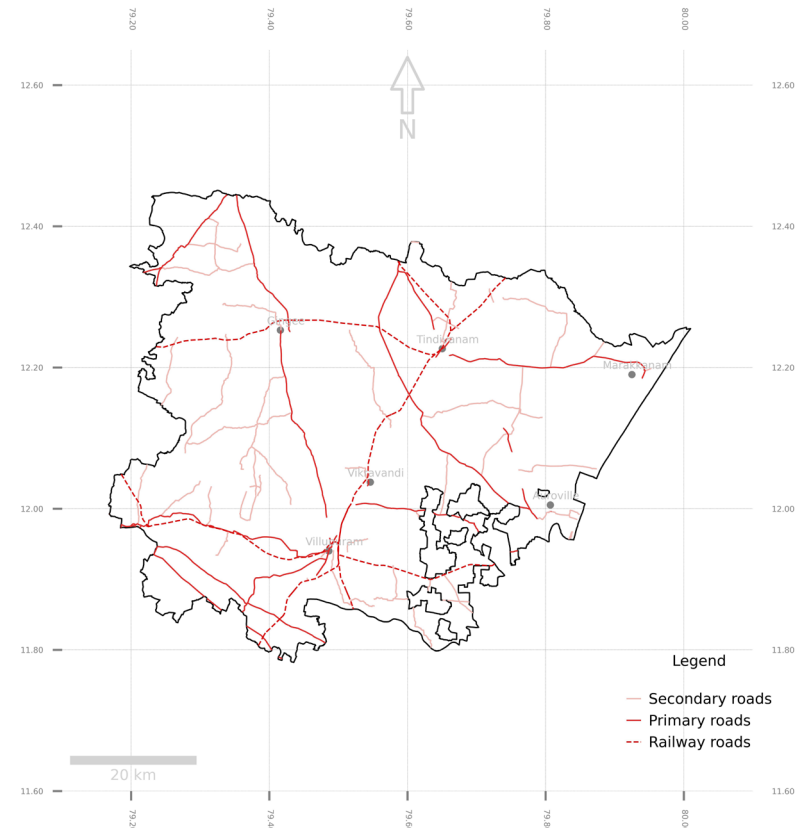
## ELEVATION

The elevation of the land above sea level is indicative of the slope and topography of the area. Lands with a steeper slope will not be suitable for certain development priorities such as solar energy, housing, and industrial development. On the other hand, lands with relatively high elevation concerning the region's watershed may be ideally suited for forestation.



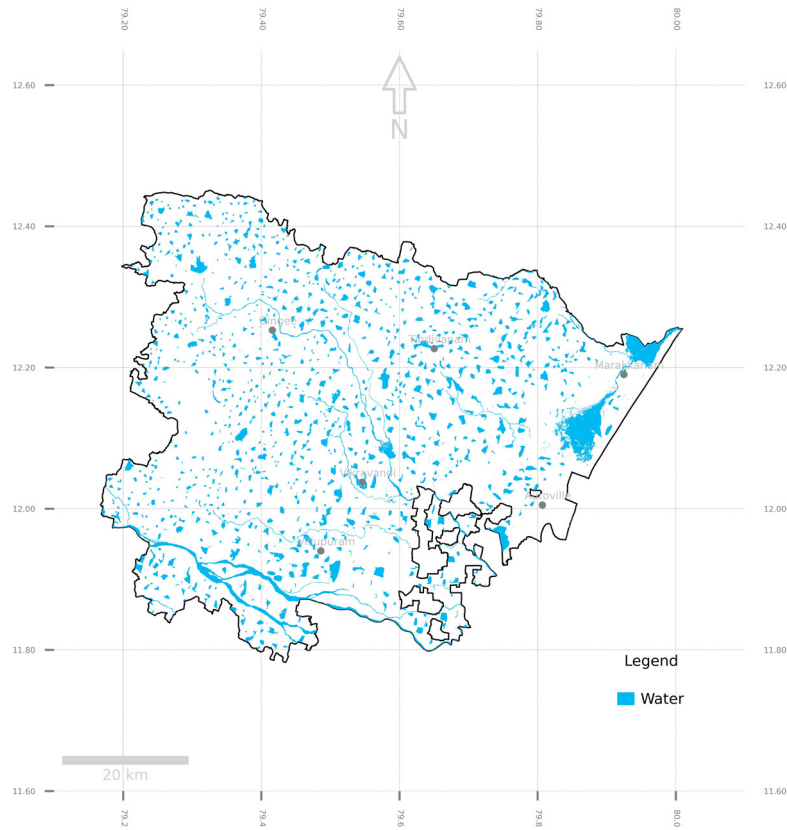
## MAJOR ROADS

Vicinity to a road that can accommodate load carriers provides direct access to the site with the possibility of transporting equipment and tree saplings.



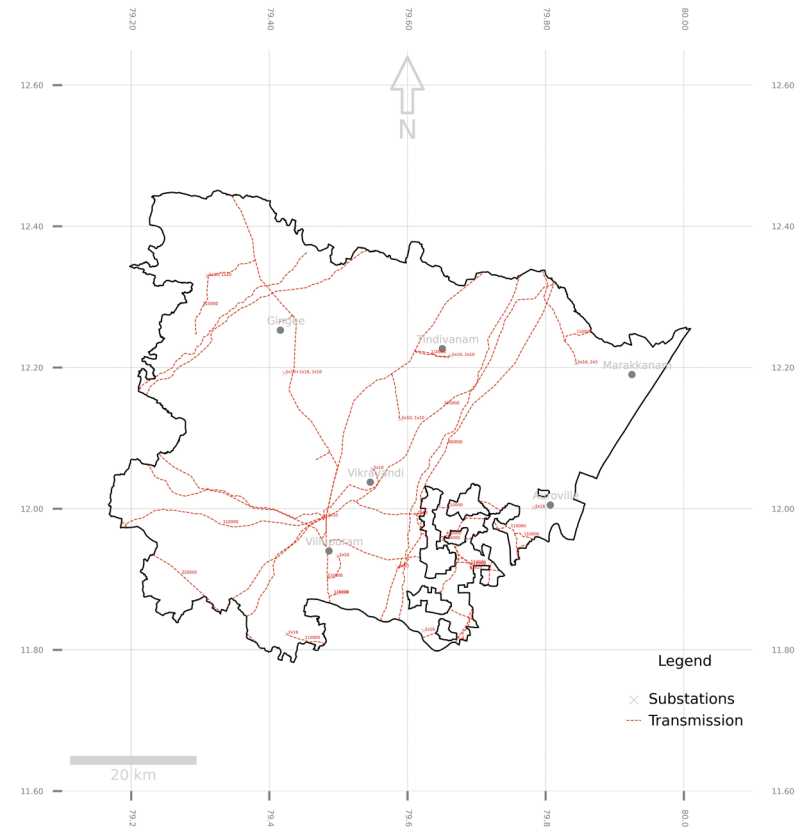
## WATER BODIES

Large water bodies, if available, could be utilized for nurturing and developing forests.



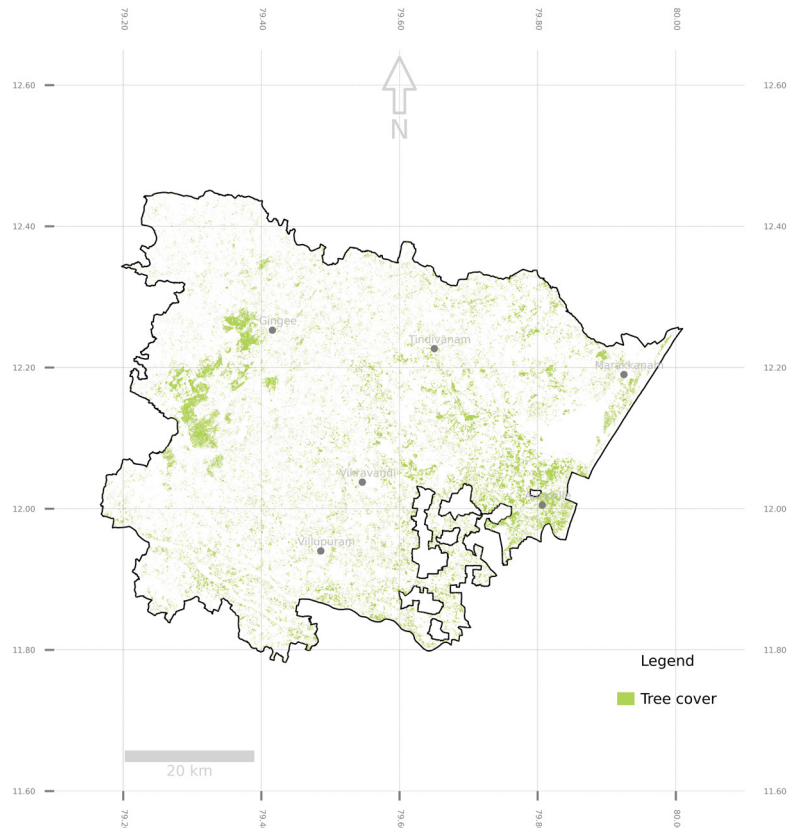
## POWER LINES

Substations are critical nodes in the power distribution sector and indicate development zones.



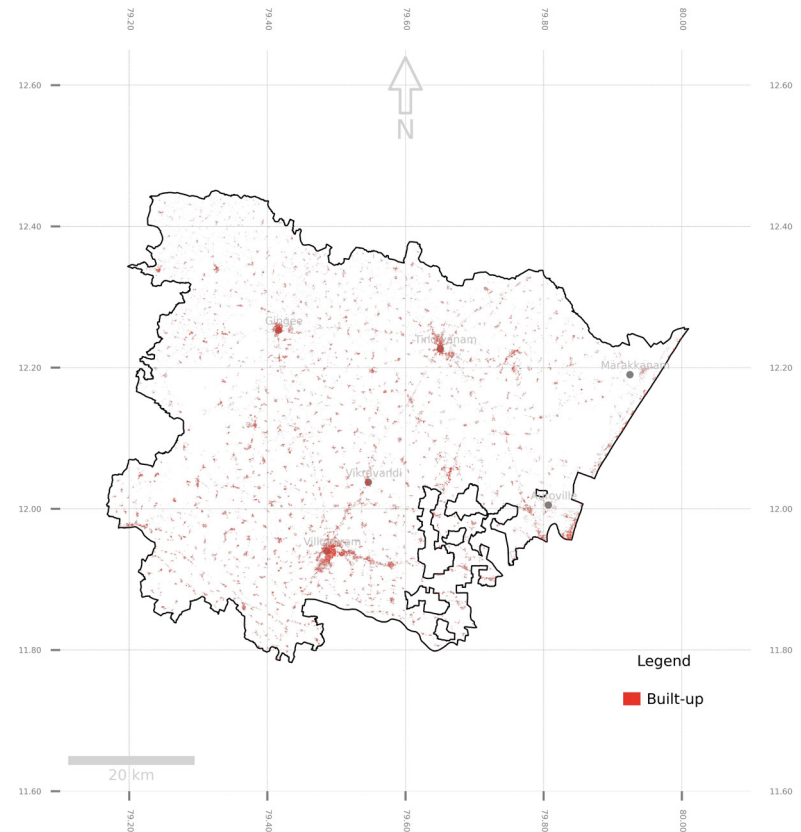
## TREE COVER

The existing tree cover can indicate potential areas for creating forest corridors. They also indicate dry and relatively suitable areas for forestation efforts.



## BUILT-UP

To involve and develop local communities, their proximity to the potential lands for forestation plays a key role.



To view the interactive map with these features: [Click here](#)

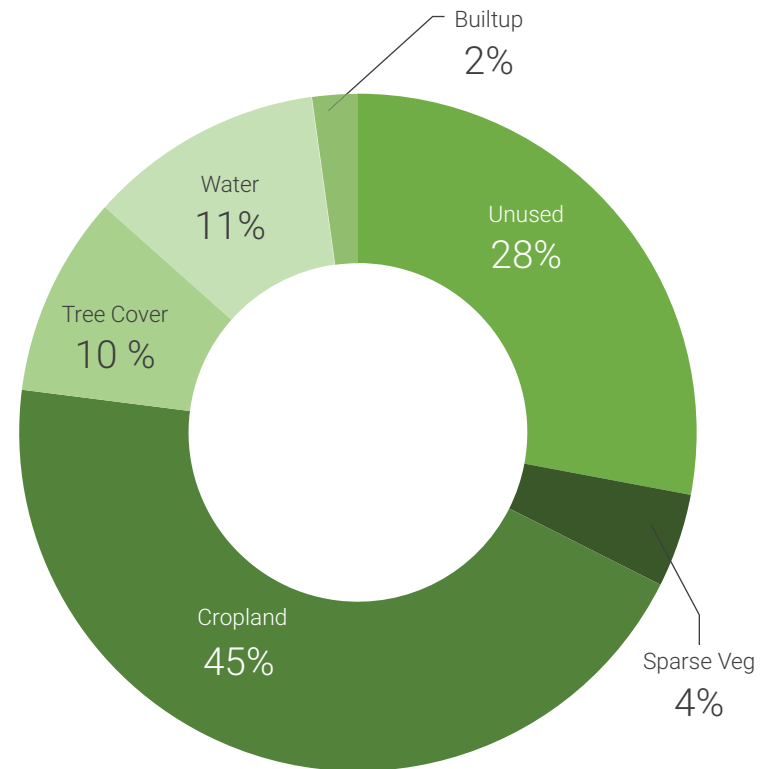
# 04 LAND COVER

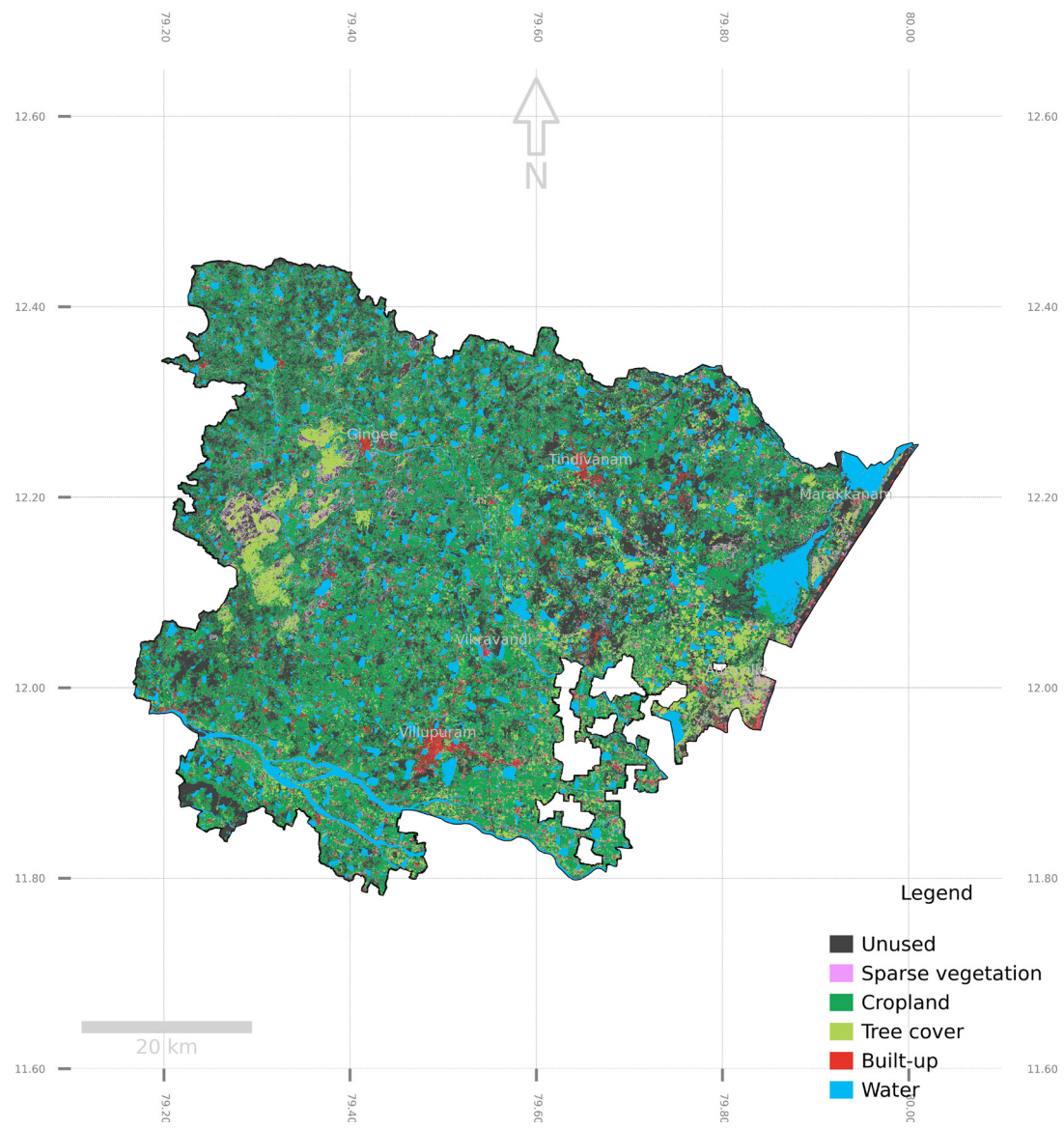
The district's land cover has been identified as per the details below in the section. All land cover layers are shown as of 2021.

Land Cover	km <sup>2</sup>
Builtup	85.70
Unused	1,092.23
Cropland	1,742.04
Water	438.54
Tree Cover	374.04
Sparse Veg	174.58
<b>Total</b>	<b>3,907.13</b>

The district land cover detection has shown that cropland (45%) and unused lands (28%) are the most dominating land cover detected in Villupuram district. The district has 10% of its land under tree cover, considering the state average of 23.80% (MOEF 2017) this is a relatively low tree cover share. Unused or fallow lands account for the second-highest recorded land use in the district, with 28% of TGA or 1,092 km<sup>2</sup>. The high availability of unused lands could present rich opportunities for forestation along with climate mitigation and adaptation actions.

Cropland and unused lands are the most dominating land cover categories in Villupuram district. The high share of unused lands detected in the district, with 28% of TGA, makes the land suitability assessment of unused lands for key development priorities such as forestation, a very pertinent exercise.





➤ To view the interactive map with these land cover layers: [Click here](#)



## LANDCOVER DEFINITIONS:

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Unused Lands	Lands that have been unused throughout the year (in terms of cultivation/built-up/water/trees) and does not belong to any of the other categories, and could be in barren condition sometimes.
Sparse Vegetation	Includes scrubs, grassland and sparse vegetation.
Cropland	Land covered with annual cropland that is sowed/planted and harvestable at least once within the 12 months after the sowing/planting date. The annual cropland produces a herbaceous cover and is sometimes combined with some tree or woody vegetation. Note that perennial woody crops will be classified as the appropriate tree cover or shrub land cover type. Greenhouses are considered as built-up.
Tree-cover	This class includes any geographic area dominated by trees with a cover of 10% or more. Other land cover classes (shrubs and/or herbs in the understorey, built-up, permanent water bodies, ...) can be present below the canopy, even with a density higher than trees. Areas planted with trees for afforestation purposes and plantations (e.g. oil palm, olive trees) are included in this class. This class also includes tree covered areas seasonally or permanently flooded with fresh water.
Water Bodies	This class includes any geographic area covered for most of the year (more than 9 months) by water bodies: lakes, reservoirs, and rivers. They can either be fresh or salt-water bodies.
Built-up	Land covered by buildings. Buildings include both residential and industrial building.
Roads	Land covered by roads

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# 05 TREE COVER RESULTS

## Technical suitability

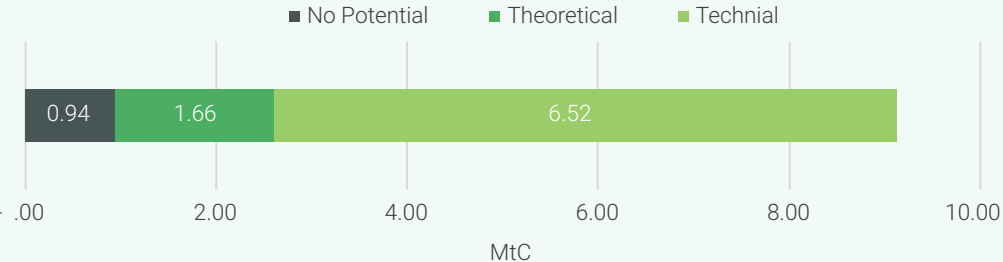
### KEY RESULTS

Suitable land	1,92,914	acres
Share on total area	20	%
Share of unused area	71	%
Share of target	85	%

### RESULTS

Filters	Plots (nos)	Area (acres)	Carbon stock potential (MtC)
No Potential	16,810	27,857	0.94
Theoretical	1,45,156	49,014	1.66
Technical	9,836	1,92,914	6.52

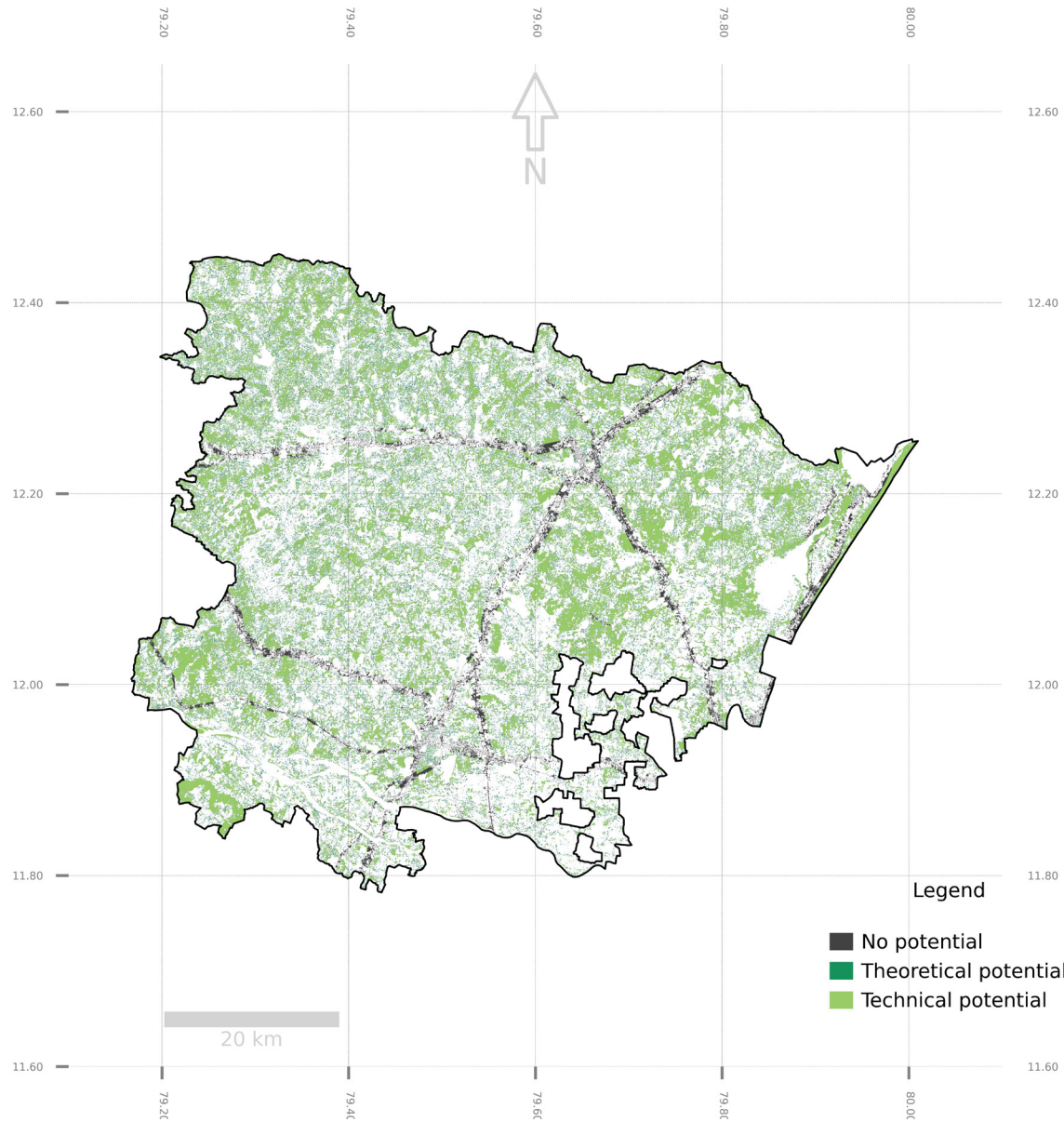
### CARBON STOCK POTENTIAL



No Potential  
27,857 acres

Theoretical  
49,014 acres

Technical  
1,92,914 acres



📍 To view the interactive map with these land suitability layers: [Click here](#)

# Distribution by plot size

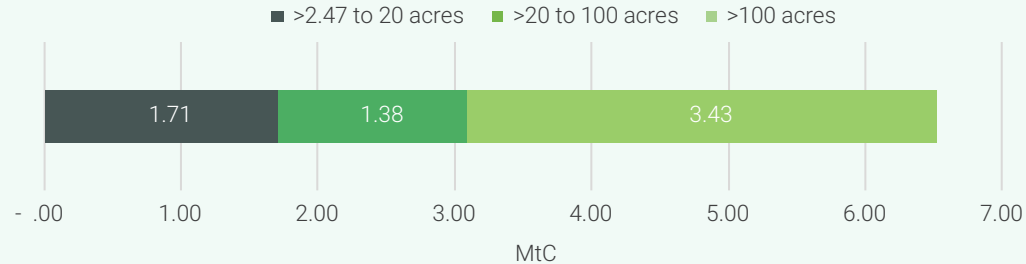
## KEY RESULTS

Largest plot	5,029	acres
Plots > 100 acres	256	nos
Carbon stock with plots >20 acres	4.81	MtC
Carbon stock with plots >100 acres	3.43	MtC

### RESULTS

Plot sizes (acres)	Plots (nos)	Area (acres)	Carbon stock potential (MtC)
>2.47 to 20	8,529	50,672	1.71
>20 to 100	1,005	40,735	1.38
>100	256	1,01,424	3.43

## CARBON STOCK POTENTIAL



>2.47 to 20 acres  
50,672 acres

>20 to 100 acres  
40,735 acres

>100 acres  
1,01,424



▶ To view the interactive map with these land suitability layers: [Click here](#)

# High Potential

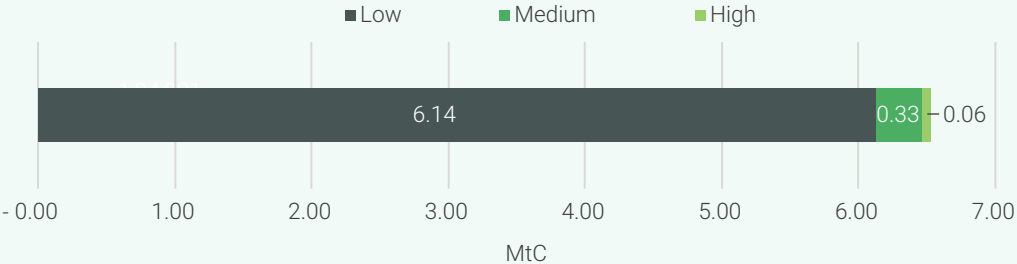
## KEY RESULTS

Total area	1,674	acres
Plots	95	nos
Carbon stock	0.06	MtC
Share of target	0.74	%

### RESULTS

Potential	>2.5 to 20 (acres)	>20 to 100 (acres)	>100 (acres)
Low	45,762	36,426	99,223
Medium	4,420	3,811	1,517
High	491	498	684

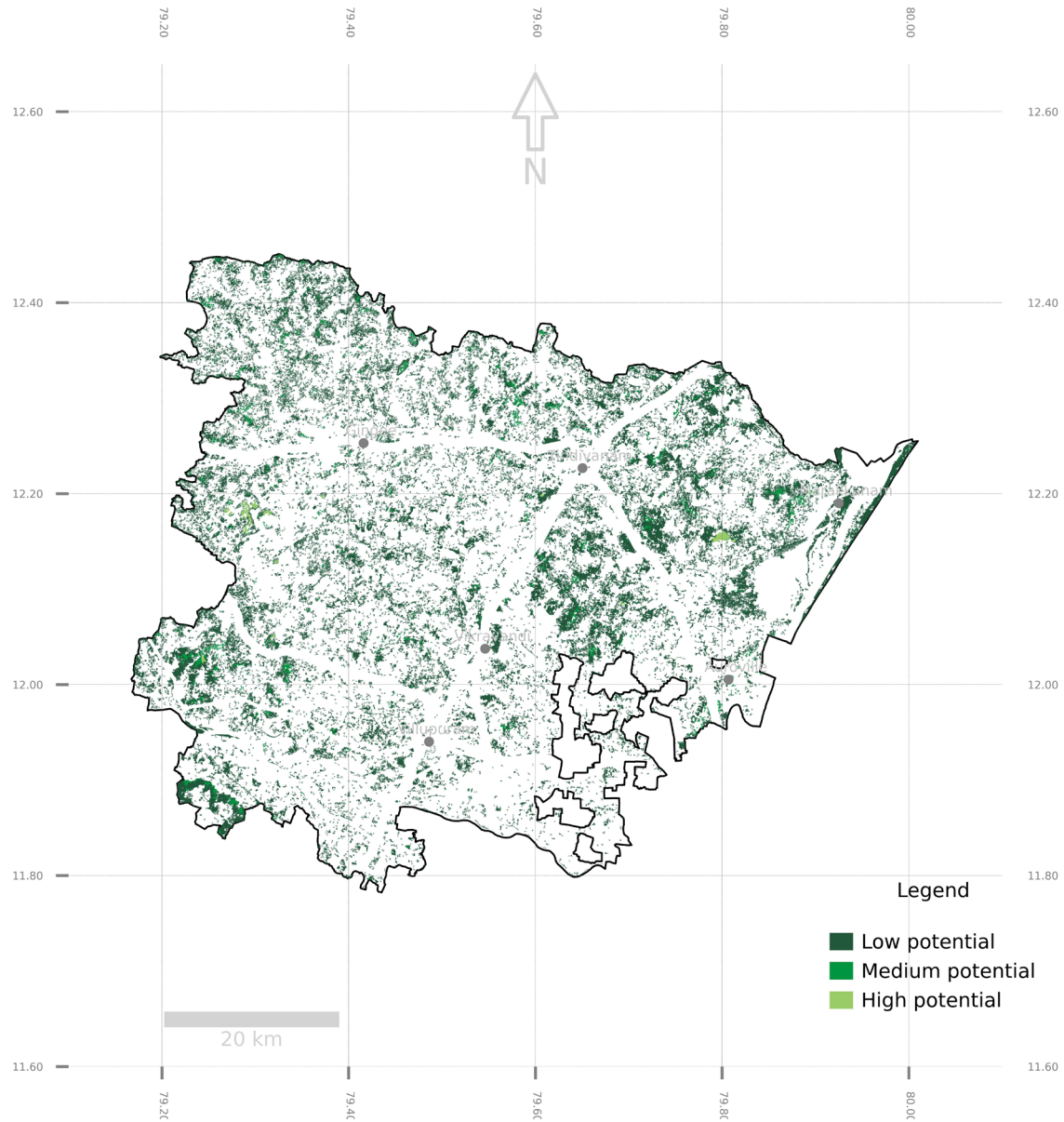
## CARBON STOCK POTENTIAL



Low  
1,81,410 acres

Medium  
9,747 acres

High  
1,674 acres



▶ To view the interactive map with these land suitability layers: [Click here](#)



# Competing use for Climate Action

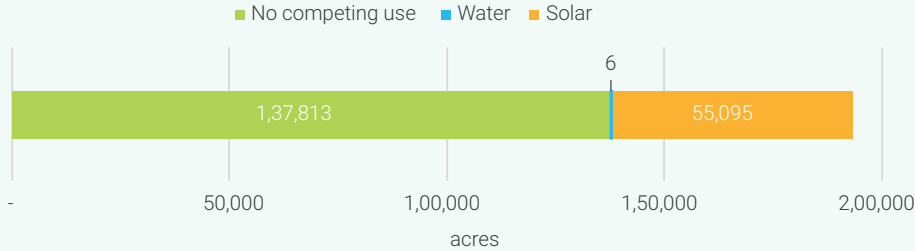
## KEY RESULTS

Competing use	55,101	acres
Share of suitable area	29	%
Water use	6	acres
Solar use	55,095	acres

### RESULTS

Plot sizes	Solar (acres)	Water (acres)
>2.47 to 20	8	5
>20 to 100	0	1
>100	55,088	-

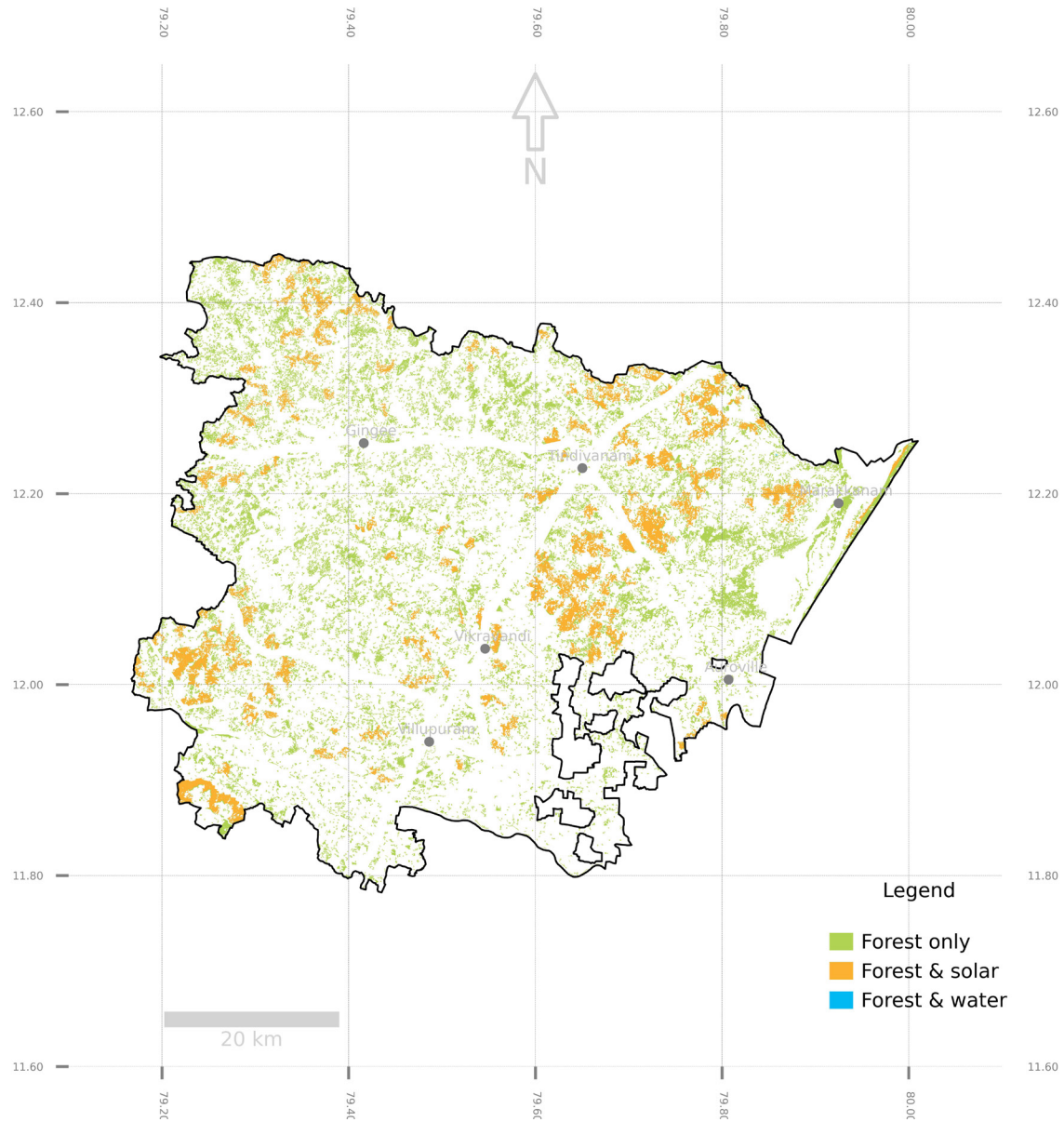
## COMPETING USE



No Competing use  
1,378,133 acres

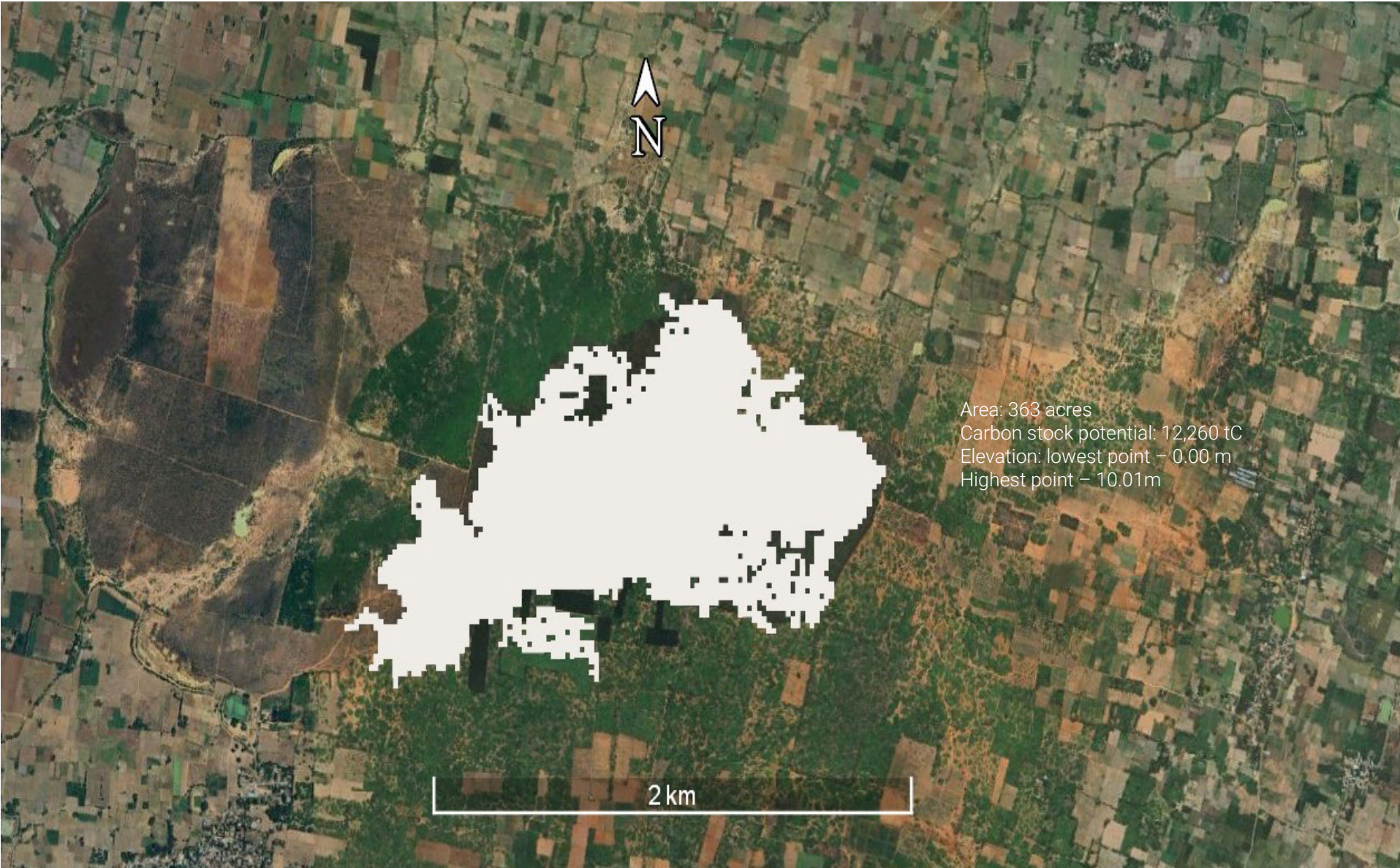
Water  
6 acres

Solar  
55,095 acres



To view the interactive map with these competing lands: [Click here](#)

# Highest rated site





## Top 15 Lands Identified

ID	Location		Area (acres)	Carbon stock potential (tC)	CO <sub>2</sub> Sequestration potential (tCO <sub>2</sub> )	Elevation		Competing use	
	Lon (°)	Lat (°)				Min	Max	(acres)	Type
1	79.8	12.15	363	12,260	44,994	0	10.01	0 0	Solar Water
2	79.29	12.17	322	10,886	39,951	1.3	116.34	0 0	Solar Water
3	79.3	12.19	84	2,828	10,380	5.8	65.71	0 0	Solar Water
4	79.31	12.18	77	2,608	9,571	1.31	113.59	0 0	Solar Water
5	79.24	12.03	65	2,203	8,086	0.01	11.41	61.39 0	Solar Water
6	79.27	12.18	47	1,595	5,853	2.9	77.02	0 0	Solar Water
7	79.32	12.13	33	1,103	4,049	7.27	92.47	0 0	Solar Water
8	79.32	12.05	27	909	3,337	0.57	14.03	24.71 0	Solar Water
9	79.69	12.09	26	876	3,215	0.01	8.95	0 0	Solar Water
10	79.81	12.15	26	869	3,190	0.02	8.19	0 0	Solar Water

ID	Location		Area (acres)	Carbon stock potential (tC)	CO <sub>2</sub> Sequestration potential (tCO <sub>2</sub> )	Elevation		Competing use	
	Lon (°)	Lat (°)				Min	Max	(acres)	Type
11	79.89	12.2	25	829	3,043	0.01	9.26	24.22 0	Solar Water
12	79.61	12.2	24	812	2,982	0.01	9.06	24.02 0	Solar Water
13	79.29	12.17	23	786	2,883	1.3	53.95	0 0	Solar Water
14	79.27	12.18	21	722	2,650	7.78	86.4	0 0	Solar Water
15	79.37	12.2	21	715	2,626	12.41	91.19	0 0	Solar Water

# 06 SETTLEMENT – LEVEL ANALYSIS

The analysis conducted at the settlement-level indicates the potential for forestation, with respect to existing tree-cover, population density (data from (Meta, 2022) and identified unused lands within the settlement boundaries. Due to a lack of data available in the public domain the settlements in the table are not an exhaustive list, they include 938 revenue-based villages in Villupuram district.

For each settlement, the total geographic area (TGA), the existing tree cover, percentage of unused area in the village, and lands having the technical potential for forestation were derived using remote sensing. The existing tree cover at the settlement level is represented in terms of the percentage share on TGA and also in relation to the settlement population. The latter indicates the tree cover area for every 1,000 people of the settlement population.

The total tree cover potential was estimated for each settlement as a percentage of TGA. Total tree cover potential is defined as the total area of unused land with technical potential for forestation added to the current land area under tree cover. There are 938 settlements that were analysed in the Villupuram district.

Settlements showing forestation potential are scattered across the district. Forestation efforts should be fruitful to partially meet the district's target especially in these settlements which show a good potential will be more effective.

# Forest potential by settlement

## KEY RESULTS

Top 10 technical potential	16,512	acres
Share on district TGA	1.71	%
Share on district potential	8.56	%
Plot numbers	343	nos

### RESULTS

Village	TGA (acres)	Area (acres)	Plots (nos)
Nattamur II Bit RF	3,580	2,921	5
Pakkamalai R.F.	10,654	2,629	100
Marakkanam	7,802	2,262	23
Nadukuppam	7,416	1,823	50
Nayanur RF	1,766	1,486	6
Peravur	2,702	1,388	20
Vailamur (Mel)	3,871	1,319	55
Olagapuram	2,228	942	24
Agaram (Vada) R.F.	3,969	871	42
Ongur	2,262	870	18
<b>Total</b>	<b>46,249</b>	<b>16,512</b>	<b>343</b>

## Insights



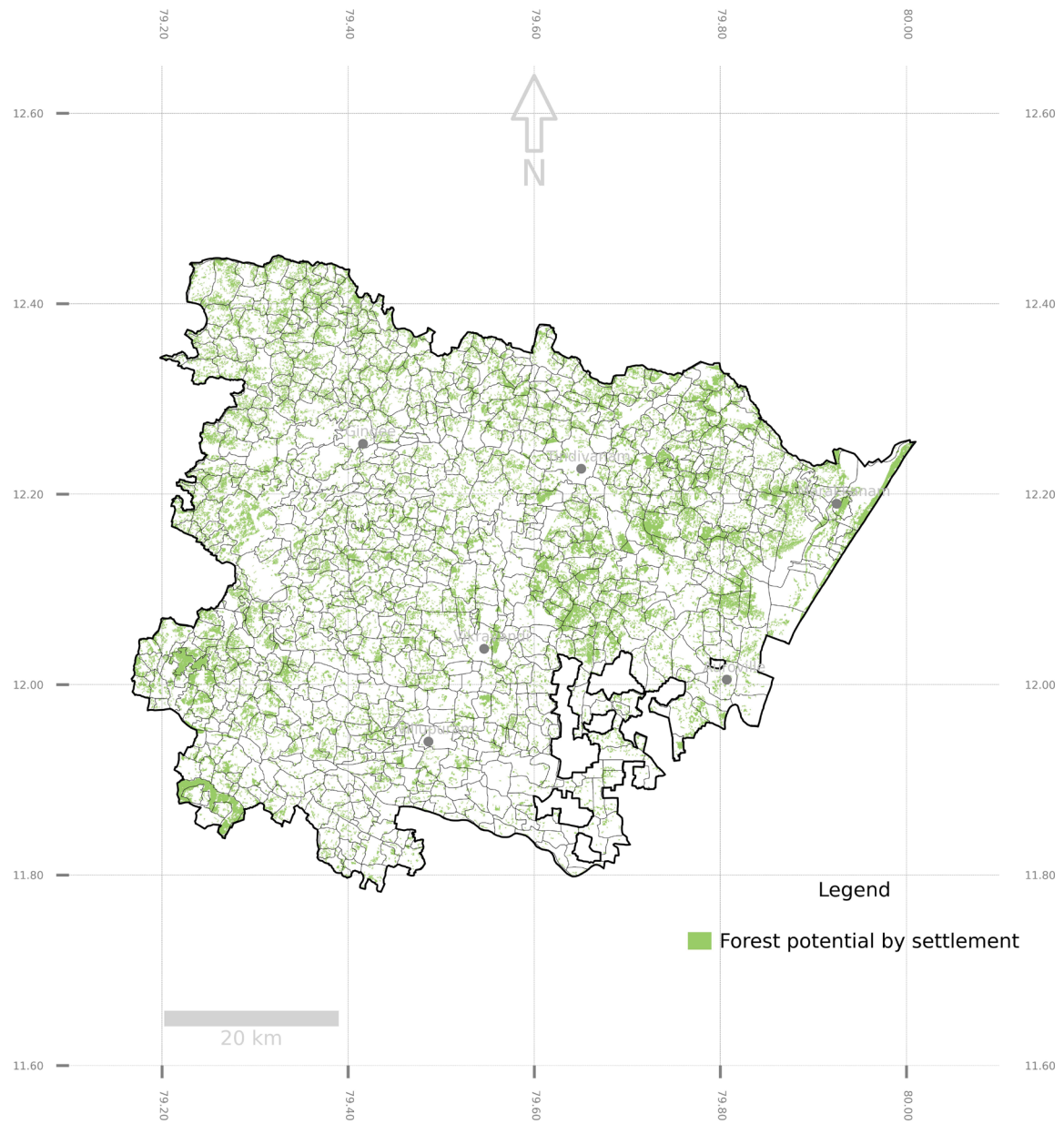
Unused land with technical potential is scattered across the district



A major part of unused lands with technical suitability for forestation is located in the eastern and the south western part of the district.



Not all settlements have unused lands with technical potential for forestation.





# Tree cover intensity by settlement

## KEY RESULTS

Top 10 settlements treecover	13,926	acres
Share on district TGA	1.44	%
Share on district treecover	15.07	%
Highest settlement treecover share	60.44	%

### RESULTS

Village	TGA (acres)	TGA (acres)	Tree cover %
Siruvadi R.F.	3,396	2,052	60
Gangavaram R.F.	5,806	3,222	55
Kuramparam R.F.	533	284	53
Nesal	1,153	604	52
Karasur	110	57	52
Muttakadu R.F.	3,116	1,619	52
Vettavalam	127	63	50
Gangavaram R.F.	621	307	49
Pakkamalai R.F.	10,654	4,505	42
Bommayapalayam	2,893	1,212	42
<b>Total</b>	<b>28,409</b>	<b>13,926</b>	<b>49</b>

## Insights



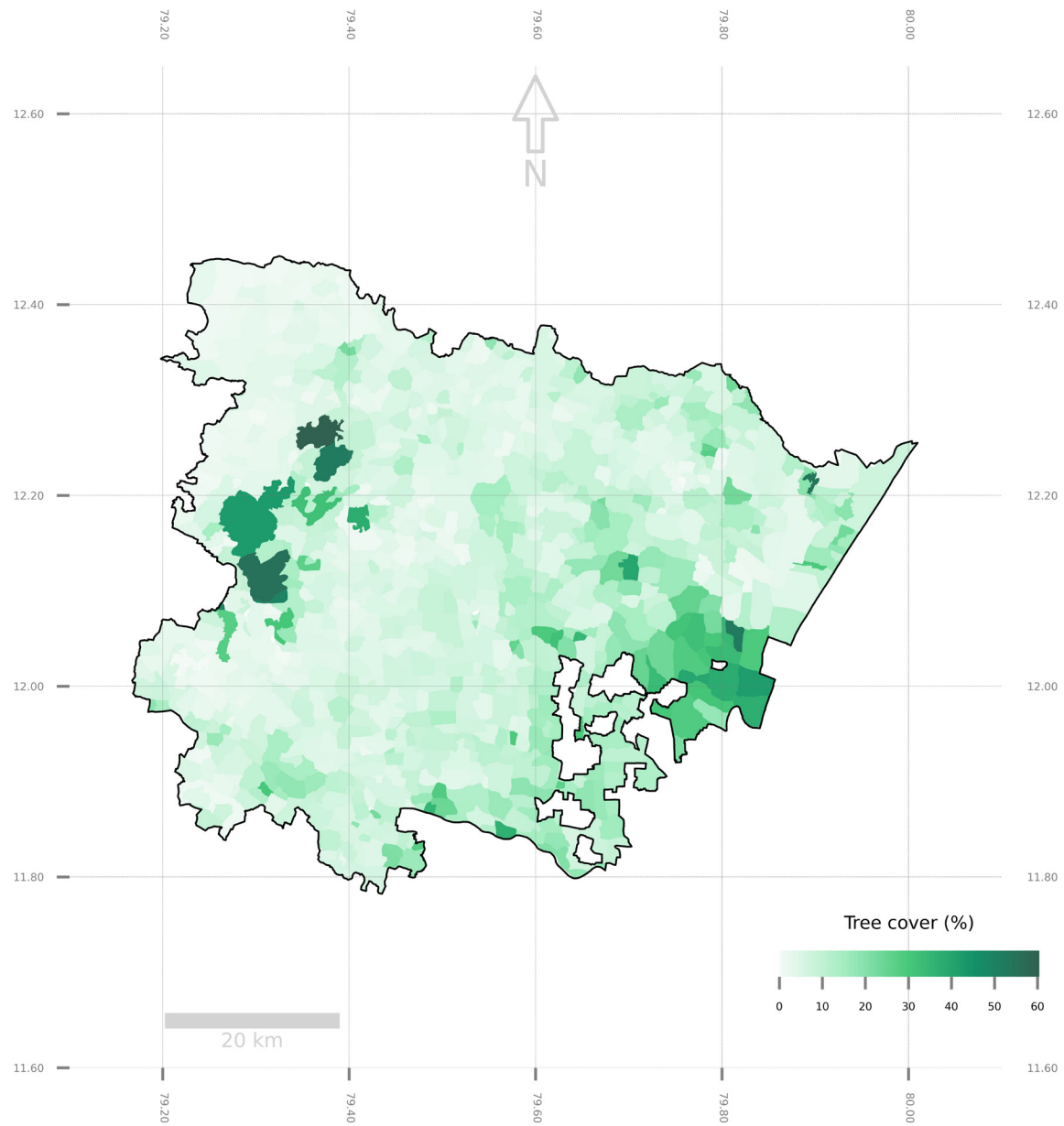
Settlements across the western and lower eastern regions of the district have a higher tree cover share.



The top 10 settlements have a tree cover share exceeding 41% of their total geographical area



Siruvadi R.F settlement has the highest treecover share having 60.44 % over the total geographical area.



# Tree cover per 1,000 resident

## KEY RESULTS

Lowest 10 settlements treecover	57	acres
Lowest 10 settlements population	24,351	nos
Avg. tree cover per 1,000 resident	2.34	acres
Lowest tree cover per 1000 resident	1.00	acres

### RESULTS

Village	Population	Tree cover	Tree cover per 1000 people	Potential (acres)
Chokkantangal	364	0.4	1.00	106
Mansurabad	379	0.4	1.08	64
Melvalai	3,118	4.2	1.33	181
Rayampettai	328	0.7	2.09	55
Melarangunam	2,412	5.4	2.24	196
Kamagaram	1,219	2.8	2.34	225
Manur	8,413	21.6	2.57	182
Kavarai	2,795	7.2	2.59	77
Melakondur	1,581	4.1	2.60	39
Teppirampattu	3,741	10.2	2.72	266
<b>Total</b>	<b>24,351</b>	<b>57</b>	<b>-</b>	<b>1,391</b>

## Insights



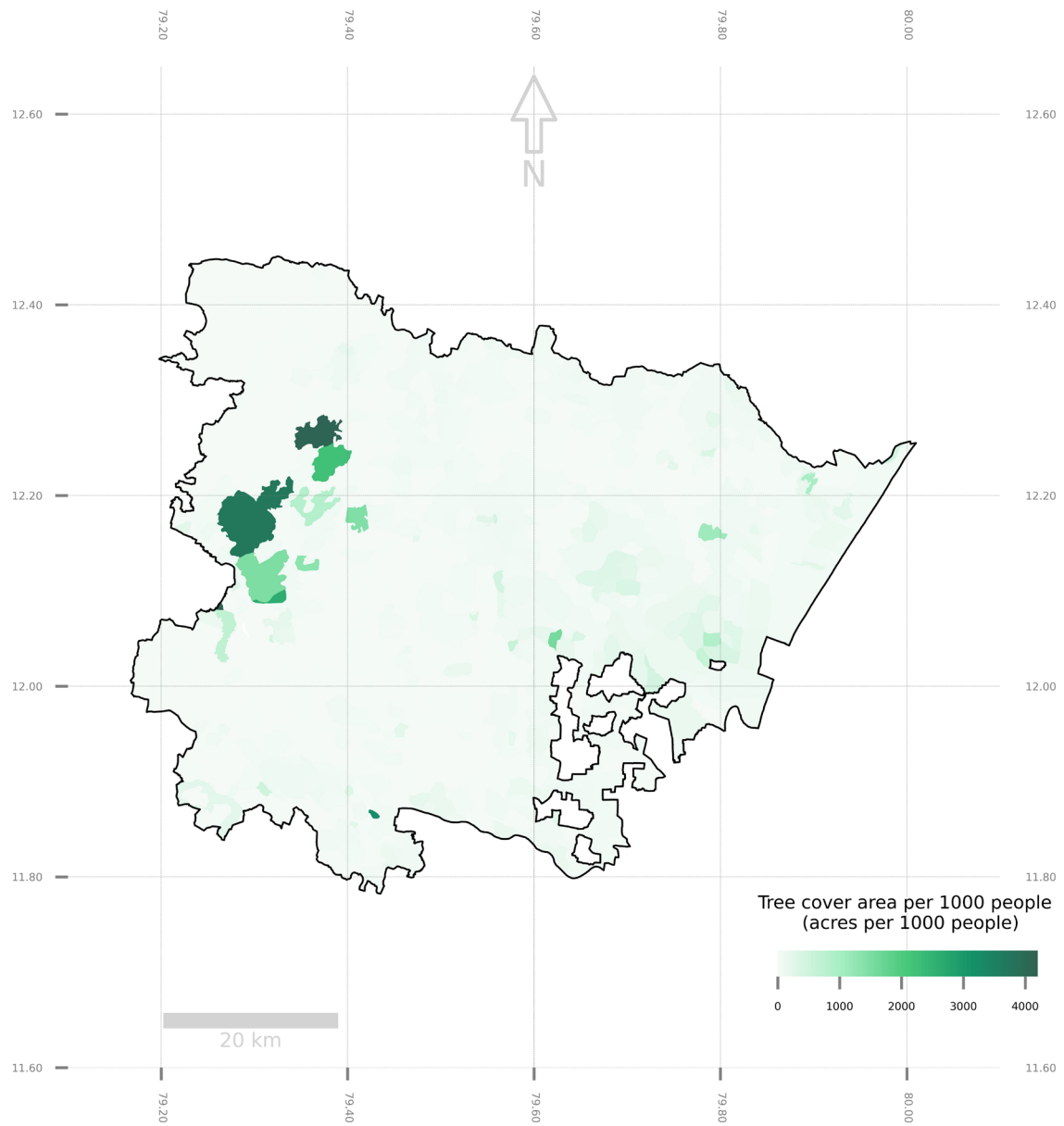
7 settlements show tree cover areas exceeding 1,000 acres, with the highest having 4,505 acres.



Low-populated villages show a relatively higher tree cover compared to villages with higher population numbers..



Based on a settlement-level analysis, the maximum tree cover to resident ratio found is 4,202 acres per 1,000 inhabitants and the lowest is 1 acre per 1,000 inhabitants.



## Settlement - Level Stats

Settlement	Location (long/lat)		Population (nos)	TGA (acres)	Tree cover (acres)	Tree cover (% over TGA)	Tree cover (plots)	Technical potential (% over TGA)	Technical potential (acres)	Technical potential (plots)	Treecover per 1000 resident (acres)
A. Gudalur	79.34	11.95	1863	888	53	5.96	86	20.98	186	16	28
Achampattu	79.78	12.01	1994	365	144	39.53	35	4.34	16	3	72
Adanappattu	79.68	12.12	1433	1943	446	22.94	187	20.86	405	22	311
Adanur	79.45	12.02	5112	2095	138	6.61	364	10.13	212	21	27
Adasal	79.85	12.18	1480	532	23	4.26	63	18.74	100	13	15
Adavallikuttam	79.84	12.18	1041	544	60	11.06	72	9.29	51	14	58
Adhichanur	79.19	12.04	2244	922	38	4.17	74	26.60	245	12	17
Adoor Kolapakkam	79.18	12.00	2214	1041	70	6.76	119	24.94	260	21	32
Adukkam	79.28	12.07	1988	455	13	2.91	44	12.09	55	2	7
Adukkam RF	79.27	12.05	753	1929	531	27.53	349	18.60	359	32	705
Agalur	79.48	12.32	1794	1190	37	3.11	115	15.20	181	21	21
Agaram (Then)	79.72	12.09	1938	853	70	8.15	81	13.25	113	6	36
Agaram (Vada)	79.92	12.18	690	392	56	14.19	70	29.77	117	8	81
Agaram (Vada) R.F.	79.92	12.23	6321	3969	149	3.75	285	21.94	871	42	24
Agaram Chittampur	79.41	11.98	2203	804	38	4.72	55	19.87	160	19	17
Agoor	79.57	12.28	3761	1493	69	4.64	135	23.51	351	30	18
Akasampattu	79.76	12.01	2454	669	263	39.29	63	15.84	106	11	107
Akkanur	79.31	11.89	226	383	114	29.83	58	8.07	31	4	506
Alagaipakkam	79.75	12.21	1931	392	6	1.59	24	35.49	139	6	3
Alagrammam	79.57	12.16	3235	1811	266	14.67	289	4.52	82	20	82
Alambadi	79.29	12.00	6777	1214	34	2.83	102	14.32	174	29	5
Alampundi	79.33	12.26	7446	1949	82	4.23	174	9.66	188	29	11

Settlement	Location (long/lat)		Population (nos)	TGA (acres)	Tree cover (acres)	Tree cover (% over TGA)	Tree cover (plots)	Technical potential (% over TGA)	Technical potential (acres)	Technical potential (plots)	Treecover per 1000 resident (acres)
Alanguppam	79.81	12.20	2934	1196	274	22.95	86	9.50	114	15	94
Alankuppam	79.42	11.84	1013	251	27	10.64	48	6.08	15	5	26
Alapakkam	79.93	12.16	1154	637	149	23.36	117	14.19	90	7	129
Alapakkam (Vada)	79.67	12.24	1429	397	35	8.89	37	7.18	29	7	25
Alathur	79.46	11.95	97	453	24	5.25	34	27.49	125	6	245
Alathur	79.87	12.21	2144	1096	41	3.72	98	37.55	412	11	19
Aliyur	79.67	11.91	3035	874	142	16.21	147	4.81	42	6	47
Alliyalamangalam R.F.	79.28	12.44	485	276	15	5.31	32	41.49	115	7	30
Ambuzhukkai	79.65	12.05	299	323	111	34.46	38	13.47	43	8	372
Ammanambakkam	79.65	12.33	901	555	99	17.93	58	17.74	98	20	110
Ammanankuppam	79.71	11.94	965	444	51	11.58	54	15.93	71	8	53
Amur	79.55	12.17	1001	523	74	14.25	83	7.28	38	6	74
Anaivari	79.38	11.82	1717	839	53	6.30	62	14.80	124	10	31
Anaiyeri	79.38	12.14	1350	510	15	2.89	64	17.64	90	10	11
Anangur	79.49	12.29	549	357	6	1.79	31	21.03	75	4	12
Anangur	79.51	11.90	4280	1657	64	3.89	108	10.44	173	17	15
Ananthapuram	79.36	12.12	2909	1321	62	4.73	189	28.18	372	13	21
Anathamangalam	79.66	12.33	50	118	5	4.57	19	45.57	54	5	109
Anathur	79.45	12.28	1855	1117	87	7.79	125	15.16	169	19	47
Anathur	79.47	11.82	3812	1661	274	16.46	178	8.06	134	22	72
Andapattu	79.76	12.26	1643	652	35	5.41	44	27.76	181	14	21
Andarayanur	79.32	11.90	1928	1240	205	16.54	103	4.32	54	11	106
Andili	79.23	11.96	2831	549	56	10.12	67	27.13	149	11	20
Anganikuppam	79.57	12.07	485	245	28	11.36	22	4.39	11	5	57

Settlement	Location (long/lat)		Population (nos)	TGA (acres)	Tree cover (acres)	Tree cover (% over TGA)	Tree cover (plots)	Technical potential (% over TGA)	Technical potential (acres)	Technical potential (plots)	Treecover per 1000 resident (acres)
Anilady	79.49	12.16	906	355	23	6.44	50	17.40	62	9	25
Anjancheri	79.44	12.24	1001	440	18	4.10	58	6.77	30	7	18
Annamangalam	79.40	12.33	2891	2105	251	11.92	301	15.57	328	36	87
Annambakkam	79.80	12.30	1429	1548	74	4.79	112	33.90	525	6	52
Annamputhur	79.67	12.18	1617	1395	271	19.40	127	19.10	266	19	167
Anniyur	79.40	12.07	7605	1930	56	2.92	170	17.14	331	24	7
Anumandai	79.90	12.13	4351	1745	281	16.09	174	18.31	319	12	65
Appakkam	79.79	12.09	856	1095	225	20.54	73	28.07	307	12	263
Appampattu	79.41	12.22	1576	291	15	5.05	42	9.37	27	6	9
Appanandal	79.26	12.03	1687	1411	23	1.66	54	43.62	616	29	14
Appirambattu	79.80	12.06	1103	613	214	34.84	41	13.96	86	13	194
Arakandanallur	79.22	11.98	7666	1319	42	3.20	131	29.98	395	17	6
Arasalapuram	79.44	12.10	679	239	17	7.23	45	37.60	90	4	25
Arasamangalam	79.54	11.86	4244	1181	74	6.30	154	5.41	64	10	18
Arasankuppam	79.20	12.02	964	343	9	2.70	48	18.90	65	5	10
Arasur	79.43	11.83	4165	1707	79	4.60	154	9.78	167	15	19
Arcadu	79.33	11.94	6250	2074	291	14.02	278	9.35	194	25	47
Ariyalur (Thirukkai)	79.37	12.01	6245	2104	106	5.02	228	11.03	232	22	17
Ariyalur (Villupuram)	79.48	11.89	1815	418	46	10.98	58	22.33	93	10	25
Ariyankuppam	79.67	12.13	585	292	50	17.25	44	31.65	92	7	86
Ariyantangal	79.78	12.21	790	272	14	5.17	16	47.18	128	3	18
Ariyur	79.43	11.97	3020	1477	52	3.52	131	15.51	229	39	17
Arpissampalaisyam	79.60	11.89	2985	2002	376	18.78	254	3.41	68	16	126
Arugavur	79.51	12.30	1419	1482	49	3.33	180	19.54	290	23	35

Settlement	Location (long/lat)		Population (nos)	TGA (acres)	Tree cover (acres)	Tree cover (% over TGA)	Tree cover (plots)	Technical potential (% over TGA)	Technical potential (acres)	Technical potential (plots)	Treecover per 1000 resident (acres)
Arukkampoondi	79.36	12.39	636	459	14	3.00	37	32.07	147	6	22
Arulavadi	79.34	11.94	2244	809	41	5.02	80	29.33	237	12	18
Arumalai	79.27	11.95	542	349	53	15.07	55	3.39	12	4	97
Arumbuli	79.43	12.02	1219	487	20	4.13	56	14.36	70	10	16
Arumpattu	79.40	11.83	1900	818	65	7.97	85	7.56	62	11	34
Arunapuram	79.25	12.04	2847	762	9	1.17	29	37.99	290	9	3
Arungurukkai	79.25	11.86	4660	1324	117	8.83	185	4.59	61	11	25
Aruvadai	79.82	12.11	546	1368	19	1.39	38	38.33	524	14	35
Aruvapakkam	79.71	12.14	2083	658	47	7.18	48	40.44	266	3	23
Asappur	79.88	12.23	1374	1019	122	12.02	148	13.60	139	20	89
Asarakuppam	79.45	11.99	1981	601	22	3.67	73	7.87	47	8	11
Asur	79.54	12.24	1806	770	29	3.72	80	22.13	170	16	16
Asur	79.50	12.06	7660	3343	278	8.32	520	15.42	516	38	36
Atchikadu	79.93	12.15	1693	637	96	15.11	89	42.73	272	4	57
Atchipakkam	79.79	12.26	2144	1255	211	16.80	95	31.96	401	14	98
Athandamarudur	79.26	11.94	1386	621	105	16.87	81	7.80	48	3	76
Athikuppam	79.57	12.08	316	363	22	6.00	29	12.71	46	1	69
Athipattu	79.39	11.82	155	177	4	2.20	10	17.41	31	5	25
Athiyur (Tiruvadi)	79.46	11.88	1266	233	14	5.86	21	6.97	16	5	11
Attipakkam	79.56	12.35	782	572	40	6.92	101	14.88	85	5	51
Attiyur	79.39	12.18	1202	671	9	1.39	58	24.63	165	19	8
Attiyur Thirukkai	79.36	12.05	7467	1996	90	4.49	188	10.06	201	35	12
Attur	79.69	12.23	2370	1141	72	6.34	126	21.83	249	30	31
Avadaiyarpattu	79.57	12.03	2687	1624	48	2.98	75	28.70	466	15	18



Settlement	Location (long/lat)		Population (nos)	TGA (acres)	Tree cover (acres)	Tree cover (% over TGA)	Tree cover (plots)	Technical potential (% over TGA)	Technical potential (acres)	Technical potential (plots)	Treecover per 1000 resident (acres)
Avalurpet	79.25	12.33	6436	2000	82	4.09	224	23.46	469	39	13
Avanampattu	79.62	12.19	1053	374	15	4.04	45	4.67	17	5	14
Avanipur	79.82	12.28	3806	2598	227	8.73	155	30.94	804	22	60
Avayakuppam	79.58	12.19	2784	1803	178	9.88	160	6.92	125	18	64
Avi. Kolapakkam	79.23	11.93	2093	477	7	1.42	24	20.37	97	6	3
Aviyur	79.49	12.30	1332	770	33	4.32	93	18.12	140	19	25
Ayandur	79.33	11.97	4639	1018	36	3.52	88	12.36	126	13	8
Ayyankovilpattu	79.50	11.96	4959	1182	158	13.34	188	4.80	57	9	32
Ayyur Agaram	79.50	11.98	6455	1876	173	9.23	227	6.60	124	19	27
Bharatantagal	79.34	12.24	2003	385	6	1.44	28	19.55	75	6	3
Bodhamangalam	79.25	12.37	273	242	2	0.68	13	40.21	97	7	6
Bommayapalayam	79.84	12.01	14067	2893	1212	41.91	628	6.56	190	28	86
Bondai	79.50	12.32	1054	1161	53	4.56	133	20.59	239	31	50
Brahmadesam	79.47	12.12	2715	964	49	5.07	127	12.88	124	15	18
Bramaddesam	79.77	12.20	6257	1691	199	11.79	95	35.87	607	13	32
Buderi	79.77	12.24	1266	339	25	7.39	55	18.80	64	12	20
Buderi	79.48	12.37	401	360	44	12.23	51	23.34	84	4	110
C. Meyyur	79.30	11.93	2410	1167	96	8.19	160	1.99	23	8	40
Chellapiratti	79.42	12.29	1089	599	16	2.71	51	26.91	161	14	15
Chendur	79.58	12.13	4514	1605	176	10.94	181	3.84	62	15	39
Chennappanayakkanpalayam	79.35	12.10	1837	453	14	3.05	58	29.17	132	11	8
Chettikuppam	79.91	12.11	2959	1396	137	9.85	54	14.92	208	4	46
Chinnababusamudram	79.69	11.93	7060	2017	214	10.59	276	7.73	156	27	30
Chinnagaram	79.45	12.35	1010	562	16	2.79	57	14.88	84	17	16

Settlement	Location (long/lat)		Population (nos)	TGA (acres)	Tree cover (acres)	Tree cover (% over TGA)	Tree cover (plots)	Technical potential (% over TGA)	Technical potential (acres)	Technical potential (plots)	Treecover per 1000 resident (acres)
Chinnanerkunam	79.58	12.15	2846	1394	94	6.74	114	5.23	73	17	33
Chinnanolambai	79.34	12.42	801	484	9	1.89	26	41.80	202	7	11
Chinnasevlai	79.35	11.88	2254	492	42	8.57	75	5.75	28	9	19
Chinnatachachur	79.51	12.09	2840	902	90	10.01	79	26.86	242	17	32
Chinnavalavanur	79.60	12.17	1041	246	14	5.77	29	2.51	6	2	14
Chittamur (Mel)	79.52	12.27	2603	1549	103	6.66	219	17.99	279	22	40
Chittanappakkam	79.85	12.16	342	342	23	6.72	53	22.80	78	8	67
Chittani	79.55	12.09	2032	1181	58	4.94	141	10.59	125	17	29
Chittatur (Tirukkai)	79.48	11.88	582	647	108	16.76	55	13.32	86	13	186
Chitteri	79.41	12.36	1280	469	60	12.85	53	27.57	129	9	47
Chokkambattu	79.62	11.86	125	276	29	10.43	27	12.15	33	7	230
Chokkanandal	79.31	12.26	1158	264	5	1.93	30	11.92	31	7	4
Chokkantangal	79.76	12.21	364	228	0	0.16	3	46.67	106	5	1
Chokkapalam	79.39	12.40	1959	759	20	2.58	54	29.53	224	12	10
Cholaganur	79.46	11.99	3366	1422	84	5.89	147	14.37	204	16	25
Cholampundi	79.45	11.98	637	532	21	4.01	36	26.19	139	19	33
Cholangunam	79.43	12.36	2639	1378	91	6.58	248	17.54	242	38	34
Dadapuram	79.61	12.35	3398	2796	152	5.42	349	19.43	543	40	45
Dalavalappattu	79.54	12.17	479	423	24	5.75	51	4.55	19	7	51
Dalavanur	79.46	12.17	975	965	34	3.56	104	24.12	233	13	35
Dalavanur (Tiruvadi)	79.49	11.87	1111	361	126	35.01	40	7.53	27	3	114
Damanur	79.46	12.36	1314	793	21	2.70	66	27.17	215	15	16
Deevanur	79.55	12.26	4025	1185	38	3.18	97	15.33	182	11	9
Devadanampettai	79.33	12.18	3475	1200	108	8.98	174	5.35	64	14	31

Settlement	Location (long/lat)		Population (nos)	TGA (acres)	Tree cover (acres)	Tree cover (% over TGA)	Tree cover (plots)	Technical potential (% over TGA)	Technical potential (acres)	Technical potential (plots)	Treecover per 1000 resident (acres)
Devanandal	79.84	12.14	577	747	69	9.18	38	35.32	264	5	119
Devandavadi	79.38	12.43	716	512	12	2.40	52	21.99	113	13	17
Devanur	79.21	11.99	9534	1053	62	5.85	141	13.45	142	18	6
Devanur	79.38	12.37	3579	1896	52	2.75	136	31.66	600	21	15
Eachur	79.45	12.32	2116	1423	144	10.14	203	18.04	257	24	68
Echchanguppam	79.47	12.11	2895	502	20	3.98	54	7.11	36	5	7
Edaimalai	79.52	12.32	244	450	12	2.69	53	22.95	103	8	50
Edapattu	79.24	12.42	7018	2827	79	2.81	186	15.51	438	51	11
Elandurai	79.32	11.88	1786	1050	35	3.35	81	22.23	233	14	20
Elavalapakkam	79.71	12.21	1329	495	40	8.00	52	28.77	142	13	30
Elayandapattu	79.61	12.02	1290	770	78	10.12	94	6.51	50	10	60
Elrampattu	79.25	11.91	2636	1006	39	3.89	66	23.02	232	11	15
Elusembon	79.42	12.06	3879	1493	53	3.57	180	11.25	168	26	14
Emapper	79.25	11.96	1355	534	44	8.21	81	11.03	59	2	32
Emappur	79.39	11.88	2571	1446	91	6.31	114	9.15	132	28	35
Embalam	79.36	12.30	1150	492	5	1.03	32	21.49	106	11	4
Enathimangalam	79.40	11.90	2274	1003	95	9.48	95	3.35	34	10	42
Endiyur	79.69	12.22	3962	984	49	5.03	100	19.80	195	23	12
Endur	79.80	12.21	2633	1312	56	4.24	57	33.36	438	19	21
Ennayiram	79.49	12.13	3283	1163	68	5.85	131	21.66	252	27	21
Eppakkam	79.75	12.28	3022	1199	83	6.90	75	15.09	181	20	27
Eralur	79.41	11.90	919	363	30	8.24	51	4.72	17	5	33
Errambattu	79.48	12.17	270	451	6	1.33	23	22.72	103	11	22
Erumanthangal	79.52	11.95	1593	193	20	10.12	27	4.03	8	3	12

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Esalam	79.50	12.11	3214	897	69	7.75	104	5.55	50	9	22
Ethanemili	79.55	12.33	1666	1604	69	4.30	145	20.65	331	26	41
Evalur	79.68	12.30	665	479	31	6.45	44	50.90	244	6	47
Eyyakunnam	79.34	12.31	2491	854	34	3.95	35	23.43	200	22	14
Eyyal	79.33	12.40	4424	2672	60	2.26	182	26.74	714	36	14
Ezhaoui	79.56	12.09	413	549	76	13.79	58	16.29	89	3	183
Ganapathipattu	79.57	12.05	992	612	67	10.89	75	5.01	31	9	67
Gangapuram	79.41	12.37	1637	647	9	1.44	39	40.11	259	9	6
Gangarampalayam	79.62	11.91	3754	1619	255	15.75	216	2.74	44	11	68
Gangavaram	79.31	12.14	2229	1377	163	11.82	182	10.91	150	21	73
Gangavaram R.F.	79.33	12.09	118	621	307	49.48	129	3.14	20	8	2607
Gangavaram R.F.	79.31	12.12	2168	5806	3222	55.49	531	7.42	431	53	1486
Gingee	79.41	12.26	20212	2946	273	9.28	405	6.49	191	33	14
Gramam	79.40	11.85	1509	1382	76	5.52	128	11.19	155	23	51
Gudalur (Mel)	79.48	12.15	1256	735	26	3.58	100	12.65	93	16	21
Guruvammappettai	79.71	12.21	1943	522	35	6.68	60	19.33	101	14	18
Hanumanthapuram	79.36	12.06	2604	1244	47	3.80	154	13.39	166	16	18
Ichcheri	79.71	12.26	2295	859	26	3.04	67	23.51	202	17	11
Idaichcheri	79.80	12.11	1155	1915	99	5.18	76	25.52	489	20	86
Idaiyapattu	79.59	12.05	451	481	63	13.03	68	4.30	21	4	139
Idappalayam	79.45	11.96	887	434	24	5.47	36	15.34	67	11	27
Idayalam (Mel)	79.44	12.24	1733	785	57	7.27	107	13.05	102	18	33
Ilamangalam	79.54	12.29	1849	1159	51	4.43	134	23.04	267	18	28
Illangadu	79.59	11.94	1219	668	37	5.51	78	10.17	68	13	30

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Ilodu	79.43	12.32	2987	1654	72	4.37	171	26.40	437	34	24
Ilvampattu	79.70	12.09	1278	648	33	5.09	59	55.33	359	6	26
Indirasankuppam	79.53	12.29	465	326	16	4.97	42	10.45	34	7	35
Iraianur	79.67	12.21	7648	1149	97	8.46	136	7.93	91	15	13
Irumbai	79.80	12.01	10330	3034	1144	37.69	496	10.35	314	39	111
Irumbuli	79.43	12.38	1027	642	11	1.68	37	34.29	220	15	10
Iruvelpattu	79.44	11.85	1801	1130	79	7.02	93	7.15	81	10	44
Iveli	79.62	12.03	1088	758	70	9.23	83	21.62	164	19	64
Jaggampettai	79.64	12.20	3135	996	73	7.29	91	11.42	114	13	23
Jambodi	79.44	12.22	2212	1110	49	4.38	150	14.87	165	21	22
Janakipettai	79.72	12.22	928	270	16	6.06	31	17.44	47	8	18
Jayankondan	79.42	12.22	4720	936	49	5.29	109	21.85	205	23	10
Kadagampattu	79.67	12.03	433	489	57	11.75	68	35.41	173	5	133
Kadagampundi	79.43	12.20	1533	668	38	5.72	68	23.96	160	13	25
Kadaganur	79.26	11.99	2109	891	21	2.34	73	12.16	108	15	10
Kadali	79.39	12.30	1263	400	34	8.61	75	20.63	82	12	27
Kadambur	79.47	12.27	810	614	27	4.36	79	19.88	122	12	33
Kadapanandal	79.22	12.34	947	333	13	3.93	46	19.98	67	13	14
Kadapperikuppam	79.74	11.97	1679	707	215	30.45	25	5.61	40	6	128
Kadavambakkam	79.82	12.30	1589	911	167	18.30	106	22.71	207	12	105
Kadayam	79.32	12.08	997	477	7	1.49	31	40.66	194	8	7
Kadayam R.F.	79.32	12.07	1829	284	8	2.73	41	9.53	27	5	4
Kadur (S)	79.73	12.30	1241	183	23	12.54	26	26.88	49	7	18
Kaividantagal	79.39	12.43	643	373	8	2.04	29	26.23	98	6	12

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Kakkanur	79.38	12.02	5504	1597	58	3.61	170	10.40	166	23	10
Kakuppam (I)	79.51	11.96	9087	536	31	5.77	87	8.26	44	8	3
Kalaiyur	79.49	12.26	1541	861	47	5.50	107	5.56	48	10	31
Kalanjukuppam	79.65	11.80	1638	451	79	17.49	89	8.27	37	7	48
Kalathambattu	79.30	12.26	2421	801	25	3.15	78	18.22	146	17	10
Kalavay (Mel)	79.43	12.27	3022	984	56	5.72	124	18.94	186	23	19
Kalavay (Then)	79.65	12.18	2332	1282	53	4.13	87	36.88	473	30	23
Kalavoi (Vada)	79.82	12.31	444	585	56	9.60	75	33.54	196	4	127
Kaliingamalai	79.69	11.99	751	260	39	14.84	42	32.00	83	6	51
Kalithirthalkuppam	79.62	11.93	249	144	33	22.97	35	2.13	3	2	133
Kalittirambattu	79.69	11.96	1671	382	61	15.85	79	6.07	23	5	36
Kaliyanampundi	79.41	12.09	1177	784	29	3.64	104	26.31	206	17	24
Kalladikuppam	79.49	12.18	1716	1152	57	4.95	99	12.71	146	19	33
Kallakolathur	79.65	12.14	1617	1540	137	8.92	135	43.55	671	15	85
Kallalipattu	79.46	12.15	1541	656	11	1.69	51	15.28	100	9	7
Kallandal	79.23	12.04	1853	985	28	2.81	89	38.91	383	6	15
Kallappattu	79.56	11.95	1219	654	83	12.75	145	22.88	150	10	68
Kallapuliur	79.43	12.39	1667	1440	48	3.35	178	27.10	390	18	29
Kallippattu	79.55	11.85	1449	378	47	12.41	36	5.85	22	2	32
Kalpakkam	79.59	12.31	765	636	16	2.53	64	42.41	270	6	21
Kalpattu	79.36	11.93	3049	1488	68	4.58	110	22.46	334	19	22
Kaluperumbakkam	79.83	12.08	1650	1408	167	11.86	71	40.78	574	14	101
Kamagaram	79.24	12.22	1219	507	3	0.56	14	44.41	225	9	2
Kambur	79.78	12.31	1780	1163	117	10.05	85	43.95	511	12	66

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Kammandur	79.50	12.22	1315	1027	34	3.32	109	9.18	94	21	26
Kammantangal	79.37	12.43	292	477	11	2.35	59	22.70	108	12	38
Kanai	79.41	11.95	3976	853	74	8.66	96	19.61	167	15	19
Kanakkankuppam	79.34	12.14	2621	344	46	13.37	52	7.56	26	3	18
Kandachipuram	79.31	12.04	7588	1618	39	2.39	130	27.16	439	24	5
Kandadu	79.91	12.20	1505	1103	122	11.02	141	13.62	150	13	81
Kandalavadi	79.43	11.80	2645	1594	101	6.36	179	9.89	158	18	38
Kandamanadi	79.47	11.90	4751	1165	104	8.90	149	13.26	155	10	22
Kandamanallur	79.42	12.38	1269	604	7	1.19	36	31.71	191	15	6
Kandamangalam	79.68	11.92	6982	703	98	13.91	120	8.82	62	5	14
Kandambakkam	79.45	11.91	2438	1015	39	3.88	69	17.84	181	18	16
Kandiyamadai	79.43	11.90	125	169	4	2.49	13	31.00	52	3	34
Kangiyatur	79.39	11.98	2549	1632	192	11.79	203	5.42	88	21	75
Kanjanur	79.44	12.06	3144	1527	105	6.87	153	14.48	221	27	33
Kanjimangalam	79.78	12.11	990	617	14	2.27	23	12.71	78	9	14
Kanjur	79.22	12.17	70	461	17	3.72	51	27.58	127	15	246
Kannalam	79.37	12.33	2003	855	90	10.53	176	16.52	141	20	45
Kannandal	79.40	12.09	471	261	11	4.21	32	25.43	66	9	23
Kannarampattu	79.40	11.87	2103	928	45	4.83	61	16.64	154	23	21
Kanniyam	79.63	12.09	625	1129	69	6.09	81	44.98	508	6	110
Kappai	79.45	12.20	1550	687	51	7.40	106	21.01	144	17	33
Kappalambadi	79.28	12.38	2839	1421	25	1.79	76	27.48	390	22	9
Kappiyampuliyur	79.54	11.98	5458	1342	45	3.38	97	24.14	324	10	8
Kappur	79.41	11.91	3180	1603	85	5.28	174	16.32	262	17	27

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Karadipakkam	79.42	11.88	1054	577	21	3.70	46	12.71	73	6	20
Karai	79.41	12.16	4302	1473	21	1.44	77	22.04	325	21	5
Karai R.F.	79.41	12.18	374	1462	546	37.37	103	21.47	314	23	1459
Karanai (Mel)	79.39	12.39	1611	798	23	2.93	68	26.61	212	11	14
Karanavur	79.65	12.20	1354	724	92	12.66	79	24.02	174	19	68
Karapattu	79.44	11.84	1281	523	31	5.96	66	7.24	38	7	24
Karasanur	79.67	12.07	2485	1134	53	4.71	88	44.17	501	12	21
Karasur	79.75	11.98	368	110	57	52.13	14	3.10	3	3	155
Karattai	79.83	12.13	1582	2194	42	1.92	64	17.25	378	24	27
Karikambattu	79.77	12.33	1831	501	84	16.75	73	5.53	28	7	46
Karingalippattu	79.39	11.95	2036	973	91	9.31	110	8.16	79	13	45
Kariyamangalam	79.43	12.30	1367	1000	21	2.15	89	28.52	285	19	16
Karunguli	79.46	12.34	967	547	25	4.66	69	26.58	145	13	26
Karuppur	79.77	12.25	928	405	50	12.38	40	21.74	88	10	54
Karuvakshi	79.35	12.08	5028	1860	228	12.26	275	16.56	308	41	45
Karuvapakkam	79.61	12.30	1467	864	45	5.25	85	30.83	266	15	31
Kasbakaranai	79.46	12.02	1981	1334	85	6.40	151	23.77	317	21	43
Kasbakaranai	79.34	12.01	2591	1723	49	2.86	110	35.14	606	16	19
Kathalampattu	79.26	12.28	265	146	2	1.32	13	25.84	38	8	7
Katrambakkam	79.75	12.06	1918	1298	404	31.10	141	11.56	150	16	210
Kattalai	79.72	12.23	2784	1334	51	3.84	99	34.87	465	12	18
Kattuchittamur	79.24	12.20	2134	908	13	1.45	69	26.70	242	12	6
Kattupaiyur	79.23	11.91	3991	1532	75	4.88	108	8.21	126	18	19
Kattupunjai	79.81	12.32	554	448	104	23.11	50	25.12	113	8	187



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Kattusiviri	79.59	12.27	1630	591	12	2.08	64	16.11	95	19	8
Kavanippakkam	79.50	11.89	1261	654	185	28.22	54	14.39	94	7	146
Kavarai	79.42	12.21	2795	450	7	1.61	32	17.11	77	9	3
Kayalmedu	79.84	12.16	237	240	45	18.92	23	3.20	8	5	192
Kayattur	79.58	12.02	1870	797	41	5.19	69	10.78	86	15	22
Kedar	79.40	12.00	7217	1756	143	8.14	243	6.15	108	20	20
Keekaloor	79.27	12.29	419	247	17	7.01	38	21.74	54	12	41
Keelakondur	79.28	11.95	1973	576	31	5.37	55	24.16	139	9	16
Kenipattu	79.61	12.18	1241	427	34	8.01	54	1.82	8	3	28
Kenippattu	79.73	12.07	1402	2105	227	10.76	209	25.94	546	19	162
Kesavanayakkampalayam	79.90	12.19	527	666	61	9.14	122	20.99	140	13	116
Kiladanur	79.73	12.28	1630	670	46	6.81	59	16.26	109	13	28
Kilaiyur	79.52	12.23	444	355	19	5.31	40	6.51	23	8	42
Kilappakkam	79.85	12.14	2335	1991	64	3.24	91	27.41	546	13	28
Kilarungunam	79.74	12.23	1166	663	15	2.31	35	51.20	339	4	13
Kilavampoondi	79.35	12.40	601	354	17	4.72	62	21.00	74	9	28
Kiledayalam	79.63	12.17	6771	2758	220	7.99	175	21.56	595	27	33
Kilgudalur	79.70	12.26	953	488	46	9.52	36	26.81	131	5	49
Kiliyanur	79.75	12.12	7268	4041	659	16.30	313	13.75	556	41	91
Kilkarandai	79.69	12.30	502	324	27	8.46	31	41.38	134	5	55
Kilkoothapakkam	79.72	12.10	536	745	44	5.93	28	12.83	96	10	82
Kilmalayanur	79.63	12.34	347	297	11	3.75	31	36.33	108	6	32
Kilmambattu	79.48	12.18	827	367	13	3.43	24	21.68	80	16	15
Kilmannur	79.78	12.25	777	262	67	25.60	28	15.14	40	7	86

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Kilmavilangai	79.61	12.33	1467	620	33	5.40	84	4.52	28	7	23
Kilnemili	79.80	12.24	777	917	13	1.39	22	33.77	310	17	16
Kilpasar	79.78	12.27	2094	1457	170	11.64	104	42.41	618	14	81
Kilpennathur	79.24	12.23	214	170	2	1.29	14	29.26	50	7	10
Kilpettai	79.92	12.14	1379	290	29	9.93	43	17.67	51	2	21
Kilpudupatti	79.87	12.06	10038	3306	416	12.58	299	11.35	375	29	41
Kilsevir	79.76	12.25	2520	1275	59	4.61	93	28.85	368	24	23
Kilsevir R.F.	79.74	12.24	163	613	19	3.17	32	68.68	421	3	119
Kilsithamur	79.67	12.15	2069	1504	219	14.55	142	35.15	529	14	106
Kilsiviri	79.75	12.18	1566	587	36	6.07	83	38.65	227	8	23
Kilthaniyalampattu	79.47	11.84	478	321	25	7.64	27	18.42	59	4	51
Kilvalai	79.34	12.03	2786	640	16	2.44	52	18.64	119	6	6
Kingilivadai	79.28	11.98	663	243	8	3.46	22	11.07	27	8	13
Kirandipuram	79.60	12.30	1003	474	33	6.90	71	27.48	130	11	33
Kizhur	79.67	11.89	116	122	23	19.03	20	2.04	2	2	200
Kodambadi	79.24	12.37	1498	737	11	1.46	54	24.50	181	17	7
Kodiam	79.63	12.32	2132	1166	88	7.55	174	20.45	238	22	41
Kodima	79.59	12.17	213	353	23	6.54	28	27.73	98	7	108
Kodipakkam (Vada)	79.86	12.21	1567	1023	50	4.85	65	38.59	395	13	32
Kodippakkam (Ten)	79.71	12.16	1514	1685	150	8.88	134	38.78	653	10	99
Kodiyur	79.26	11.90	1898	1103	27	2.47	83	18.03	199	17	14
Kodukankuppam	79.32	12.35	2412	855	20	2.31	66	28.83	247	15	8
Kodukkapattu	79.19	12.01	2334	274	12	4.50	51	19.55	53	8	5
Kodukkur	79.65	12.01	2244	622	80	12.92	65	5.84	36	9	36

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Kodungal	79.32	11.96	2169	662	24	3.56	50	17.05	113	7	11
Kodur	79.79	12.07	1794	1219	271	22.23	118	19.24	235	20	151
Kolippattu	79.37	11.99	2929	584	22	3.80	65	5.58	33	12	8
Kolliyanur	79.55	11.93	10514	1086	123	11.29	186	13.29	144	11	12
Kollar	79.60	12.25	3398	1553	75	4.82	151	15.84	246	27	22
Kolliyankunam	79.62	12.14	3348	869	35	3.99	59	23.55	205	10	10
Kollur	79.24	11.98	4127	1583	38	2.42	103	40.34	639	19	9
Koluveri	79.84	12.09	1585	3087	202	6.54	138	17.70	547	10	127
Komadippattu	79.81	12.14	1041	758	98	12.96	215	24.83	188	21	94
Kommedu	79.45	12.18	1245	741	22	2.95	65	30.69	227	10	18
Konai	79.39	12.22	4450	1880	132	7.05	263	5.30	100	25	30
Konalur	79.55	12.34	234	193	3	1.61	16	26.14	51	4	13
Konalur	79.37	12.14	1306	729	32	4.35	65	21.29	155	22	24
Konamangalam	79.63	12.08	854	934	94	10.05	53	54.11	505	4	110
Kondalamkuppam	79.68	12.04	971	1258	223	17.70	135	35.53	447	13	229
Kondamur	79.72	12.14	2165	1641	286	17.42	134	21.55	354	10	132
Kondangi	79.45	11.92	1150	711	78	10.92	78	25.51	181	10	68
Kondur	79.68	11.87	2480	646	91	14.08	55	7.78	50	10	37
Kongambattu	79.61	11.85	2466	908	138	15.24	98	3.00	27	8	56
Kongarakondan	79.48	11.87	126	198	23	11.46	22	11.08	22	5	180
Kongarappattu	79.53	12.23	1819	2052	86	4.17	194	15.04	309	42	47
Kongarayanur	79.34	11.92	1024	527	37	7.10	72	2.13	11	2	37
Konkarambundi	79.53	12.08	1924	803	38	4.69	70	33.60	270	12	20
Konur	79.41	11.94	2341	719	21	2.91	66	15.57	112	10	9

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Koochikolathur	79.74	12.32	1302	1226	74	6.06	113	38.35	470	9	57
Koonimedu	79.88	12.10	4990	4723	196	4.16	170	8.76	414	23	39
Kooranur	79.41	11.85	84	112	21	18.32	12	1.67	2	1	243
Korakkeni	79.63	12.04	1363	1147	235	20.46	102	25.79	296	12	172
Koralur	79.44	12.08	360	340	18	5.26	22	21.77	74	7	50
Koravanandal	79.49	12.28	549	342	25	7.25	41	14.40	49	9	45
Kottaikadu	79.99	12.25	75	423	34	8.13	10	2.24	9	3	457
Kottaipoondi	79.30	12.38	6801	2804	73	2.62	270	17.37	487	50	11
Kottakuppam	79.83	11.97	13341	2491	926	37.18	345	3.28	82	13	69
Kottamarudur	79.20	12.00	4820	1313	100	7.64	96	21.91	288	21	21
Kottambakkam	79.63	11.90	477	206	53	25.99	30	1.97	4	1	112
Kottammangalam	79.42	11.93	748	266	4	1.45	25	13.43	36	5	5
Kottiyampundi	79.49	12.04	3865	733	40	5.41	128	9.37	69	15	10
Kovadi	79.71	12.18	3199	847	79	9.37	48	37.48	317	14	25
Kovilporaiyur	79.28	12.33	5425	1945	47	2.43	171	28.38	552	39	9
Krishnapuram	79.68	11.83	2965	1278	112	8.76	129	0.77	10	3	38
Kuchchippalaiyam (Vada)	79.52	11.98	3352	1665	100	6.01	154	15.78	263	18	30
Kuchipalaiyam (Ten)	79.52	11.86	892	525	75	14.22	40	3.83	20	9	84
Kudamurutti	79.19	11.98	1853	248	47	18.79	38	19.11	47	9	25
Kudumiyankuppam	79.59	11.93	803	183	21	11.24	40	7.22	13	2	26
Kuduvampoondi	79.36	12.40	1402	806	18	2.22	49	48.24	389	5	13
Kulapakkam (Vada)	79.75	12.23	25	218	6	2.55	14	44.09	96	1	221
Kulathur	79.48	11.90	2757	728	24	3.23	51	22.94	167	11	9
Kulathur	79.85	12.19	1229	1090	83	7.64	90	33.82	369	9	68

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Kulirsunai	79.33	12.04	1318	569	34	5.91	62	20.08	114	7	25
Kumalampattu	79.78	12.15	402	287	22	7.66	26	64.76	186	1	55
Kumalampattu R.F.	79.79	12.16	98	1086	110	10.11	55	58.91	639	6	1119
Kumulam	79.62	11.95	2618	454	66	14.46	71	8.29	38	8	25
Kundalampattu	79.27	12.35	3109	1237	30	2.43	113	26.67	330	27	10
Kundalappuliyur	79.45	12.04	4003	1477	51	3.46	115	28.38	419	26	13
Kunichampet	79.64	12.00	172	110	18	16.69	31	0.15	0	2	107
Kunnam	79.68	12.09	1062	963	121	12.55	139	31.68	305	21	114
Kunnappakkam	79.77	12.23	727	377	26	6.84	39	14.37	54	5	35
Kunnathur Thangal (I)	79.44	12.04	180	117	5	4.27	18	21.42	25	6	28
Kuppam	79.71	11.99	103	107	17	15.66	25	18.12	19	4	163
Kuppam	79.41	11.97	1607	1116	76	6.85	116	17.77	198	25	48
Kuralur	79.60	12.11	953	1064	93	8.77	77	45.10	480	10	98
Kurampalaiyam	79.66	11.97	945	515	77	15.04	75	8.88	46	7	82
Kuramparam R.F.	79.90	12.21	288	533	284	53.25	64	14.17	75	12	984
Kurinjipai	79.46	12.23	1637	1055	141	13.33	165	16.30	172	28	86
Kurumparam	79.89	12.21	1053	949	182	19.17	126	33.57	319	13	173
Kurur	79.82	12.21	1317	719	26	3.64	46	21.12	152	15	20
Kuttampundi	79.56	12.06	831	555	50	9.07	70	23.69	131	6	60
Kuttapakkam (Mel)	79.54	12.30	428	261	5	1.77	24	34.96	91	5	11
Kutteripattu	79.60	12.16	1768	480	19	3.88	58	6.29	30	9	11
Kuzhapalur	79.27	12.27	1306	337	8	2.49	36	13.46	45	10	6
Madampattu	79.38	11.82	1323	477	22	4.65	41	24.78	118	9	17
Madappundi	79.22	12.18	1652	1079	18	1.71	55	28.51	308	25	11

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Madavantangal	79.78	12.22	539	346	6	1.88	10	55.12	191	3	12
Madavilagam	79.30	12.03	3886	696	18	2.64	59	11.72	82	16	5
Madirimangalam	79.54	11.96	1011	454	31	6.76	62	5.47	25	4	30
Maduraipakkam	79.61	12.01	5335	2103	269	12.77	243	11.15	234	42	50
Mahadevimangalam	79.41	12.31	1210	716	19	2.63	61	24.57	176	16	16
Maharajapuram	79.53	11.95	513	249	24	9.48	28	17.65	44	8	46
Mailam	79.61	12.13	5178	1353	57	4.24	117	44.45	601	15	11
Malaiyampattu	79.38	11.86	1293	541	30	5.57	55	8.67	47	13	23
Malaiyanur (Mel.)	79.33	12.33	6357	1575	54	3.43	149	25.71	405	36	9
Malarajamkuppam	79.60	11.93	485	244	26	10.71	48	16.16	39	5	54
Malarasankuppam	79.29	12.11	1359	599	55	9.12	64	29.99	180	16	40
Malavantangal	79.27	12.09	4100	1440	54	3.75	99	28.48	410	15	13
Malavarayanur	79.55	11.90	443	218	7	3.02	23	0.00	0	0	15
Malligappattu	79.37	11.97	1881	819	29	3.59	83	8.68	71	17	16
Mamandur	79.41	11.82	760	623	32	5.22	57	10.64	66	7	43
Mambakkam	79.53	12.36	841	602	29	4.74	82	19.28	116	13	34
Mambalapattu	79.37	11.96	4962	1849	98	5.32	156	20.07	371	37	20
Manakkuppam	79.33	11.87	3807	1430	103	7.24	128	16.46	235	15	27
Manalapadi	79.35	12.21	2081	709	91	12.85	69	12.43	88	17	44
Manampoondi	79.20	11.98	7500	516	71	13.73	62	9.21	47	8	9
Manandal	79.29	12.30	2064	1139	35	3.06	119	27.94	318	31	17
Mandagapattu (E)	79.45	12.11	1842	740	28	3.79	112	7.47	55	12	15
Mandagappattu (Mitta)	79.67	11.88	5551	1430	245	17.12	205	9.41	135	24	44
Mandaperumpakkam	79.78	12.23	577	309	16	5.31	41	21.67	67	5	28

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Mangalam	79.72	12.27	1241	524	29	5.55	54	26.24	138	13	23
Mangkkuppam	79.61	11.93	914	146	26	17.69	25	6.42	9	3	28
Maniyampattu	79.51	12.23	122	292	14	4.64	26	9.85	29	10	111
Mannadipet	79.62	11.98	125	111	4	3.72	14	4.81	5	3	33
Mannampoondi	79.56	12.29	1016	639	20	3.16	63	34.46	220	12	20
Mannur (Mel.)	79.38	12.31	1263	641	30	4.72	85	24.17	155	19	24
Manoor	79.82	12.18	5515	2608	341	13.07	174	15.63	408	49	62
Mansurabad	79.23	12.42	379	169	0	0.24	4	37.79	64	4	1
Manur	79.67	12.22	8413	771	22	2.80	72	23.64	182	11	3
Maragathapuram	79.43	11.90	2398	1454	88	6.04	133	19.76	287	15	37
Marakkanam	79.96	12.21	17503	7802	576	7.38	604	29.00	2262	23	33
Marakkanam R.F.	79.93	12.19	790	944	181	19.20	64	51.07	482	4	230
Marakonam	79.37	12.42	1594	1050	41	3.94	107	31.00	325	15	26
Marangiyur	79.38	11.91	693	683	25	3.72	50	4.09	28	5	37
Maruderi	79.52	12.25	1229	246	30	12.22	53	4.25	10	5	24
Marur	79.51	12.17	192	922	14	1.57	54	17.43	161	14	76
Mathur	79.61	11.97	2632	1237	189	15.31	169	6.12	76	16	72
Mattaparai	79.44	12.15	1369	828	29	3.55	122	21.14	175	17	21
Mattur	79.83	12.04	6116	3097	897	28.96	602	16.19	501	46	147
MatturTirukkai	79.41	12.14	949	1080	36	3.37	59	32.48	351	10	38
Mavanandal	79.40	12.31	1655	701	33	4.68	122	18.70	131	19	20
Mavattambadi	79.43	12.19	923	488	7	1.40	28	18.55	90	11	7
Mavilangai (Mel)	79.60	12.33	765	350	18	5.05	45	4.34	15	2	23
Mazhavarayanur	79.37	11.89	497	528	48	9.05	54	13.06	69	10	96

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Mel Sevalambadi	79.29	12.41	3335	1115	36	3.20	104	9.63	107	31	11
Melacheri	79.39	12.28	2499	973	81	8.31	137	14.90	145	20	32
Meladhanur	79.64	12.33	1260	895	96	10.71	103	19.71	176	15	76
Melakondur	79.27	11.96	1581	240	4	1.71	24	16.35	39	11	3
Melamangalam	79.41	11.87	1602	766	81	10.63	99	4.61	35	10	51
Melarangunam	79.30	12.28	2412	804	5	0.67	33	24.31	196	27	2
Melarangunam	79.38	12.16	644	414	31	7.49	66	13.28	55	10	48
Melathipakkam	79.53	12.32	1045	888	38	4.30	97	30.61	272	13	37
Melathipattu	79.28	12.27	4229	1949	34	1.76	126	29.94	583	39	8
Melathur	79.52	12.28	279	151	11	7.55	37	4.93	7	2	41
Melkarandai	79.43	12.09	7300	1221	63	5.14	157	16.27	199	20	9
Melkondai	79.53	12.06	1732	1200	63	5.29	86	23.24	279	19	37
Melkondai R.F.	79.54	12.06	222	120	20	16.41	24	15.67	19	1	89
Melmambattu	79.33	12.32	1080	644	11	1.64	44	31.99	206	22	10
Melolakkur	79.49	12.34	1864	1521	83	5.48	174	18.21	277	31	45
Melpadi	79.55	11.95	3338	982	49	4.94	132	9.15	90	10	15
Melpakkam	79.65	12.28	2269	1666	86	5.18	95	27.28	455	19	38
Melpettai	79.69	12.27	752	377	23	6.20	51	16.86	64	3	31
Melsiviri	79.55	12.36	706	337	61	18.24	56	18.06	61	10	87
Melthaniyalampattu	79.46	11.84	1365	612	62	10.12	75	3.15	19	6	45
Melvalai	79.33	12.03	3118	618	4	0.67	19	29.20	181	5	1
Mettupalaiyam	79.60	11.84	2014	804	117	14.59	135	5.14	41	9	58
Minamur	79.43	12.21	2046	527	24	4.53	70	11.43	60	11	12
Modaiyur	79.49	12.24	2168	2368	98	4.13	271	15.65	371	30	45



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Modipattu	79.39	12.43	190	265	2	0.67	13	43.47	115	9	9
Mohalar	79.24	11.87	29	106	10	9.37	8	22.39	24	2	342
Mokshakulam	79.60	11.87	1704	669	105	15.70	85	14.46	97	9	62
Molasur	79.69	12.20	5291	1994	196	9.83	146	22.24	443	23	37
Mudaliyarkuppam	79.61	11.96	429	372	43	11.69	78	7.72	29	3	101
Mudalur	79.25	11.93	1822	563	6	1.14	27	23.06	130	7	4
Mugaiyur	79.32	11.98	5994	1637	51	3.11	154	30.10	493	16	8
Mukkunam	79.47	12.33	505	740	33	4.46	107	28.86	214	19	65
Mullur	79.36	12.15	1228	1215	96	7.91	202	22.77	277	29	78
Mundiyambakkam	79.52	12.00	9475	653	82	12.59	144	4.27	28	7	9
Mungilpattu	79.61	11.98	1745	990	159	16.04	123	4.72	47	12	91
Muppuli	79.59	12.19	589	301	22	7.17	17	24.73	74	7	37
Murukeri	79.84	12.20	1793	151	7	4.44	16	22.43	34	6	4
Murukkam	79.70	12.10	567	1135	210	18.54	116	29.41	334	18	371
Muttakadu R.F.	79.38	12.23	732	3116	1619	51.96	212	13.25	413	35	2213
Muttarampattu	79.66	11.98	1736	730	74	10.20	75	5.08	37	7	43
Muttatur	79.43	12.11	10708	2080	117	5.63	300	19.21	399	30	11
Nadukuppam	79.88	12.15	6294	7416	226	3.05	456	24.58	1823	50	36
Naduvanandal	79.58	12.29	2821	1566	43	2.73	145	34.08	534	19	15
Nagalampattu	79.24	12.16	488	405	13	3.15	34	26.82	109	14	26
Nagalpakkam	79.85	12.27	410	683	35	5.19	42	34.26	234	10	86
Nagandur	79.53	12.18	1871	1175	48	4.10	113	14.28	168	25	26
Nagar	79.43	12.13	1108	387	34	8.68	75	15.73	61	10	30
Nagar	79.85	12.25	4501	2629	138	5.23	214	16.00	421	49	31
Nagavaram	79.59	12.33	1831	467	39	8.40	81	15.45	72	2	21

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Nandipuram	79.31	12.43	1169	618	7	1.18	28	33.93	210	10	6
Nandivadi	79.46	12.09	3989	855	47	5.48	78	9.27	79	12	12
Nangathur	79.41	12.12	2750	1193	52	4.39	157	28.39	339	15	19
Nangilikondan	79.46	12.26	671	432	32	7.36	58	0.90	4	3	47
Nangiyanandal	79.50	12.30	453	517	46	8.91	84	21.48	111	12	102
Nangunam	79.75	12.30	1329	501	24	4.71	46	20.67	103	7	18
Nannadu	79.45	11.94	914	472	26	5.41	54	18.97	90	11	28
Nannattampalaiyam	79.54	11.90	1053	748	34	4.60	71	3.68	28	6	33
Naraiyur	79.57	11.94	2147	817	77	9.40	153	17.20	141	11	36
Naramagani	79.81	12.26	276	142	15	10.65	18	12.01	17	5	55
Naranamangalam	79.29	12.40	1080	907	19	2.05	80	20.75	188	15	17
Narasinganur	79.46	12.08	1496	876	44	4.97	92	21.73	190	16	29
Narasingarayanpettai	79.41	12.24	3527	784	70	8.87	120	22.75	178	21	20
Nattamur II Bit RF	79.28	11.87	223	3580	49	1.37	120	81.59	2921	5	220
Nattarmangalam	79.50	12.27	314	527	21	4.06	73	15.21	80	9	68
Navamal Marudur	79.68	11.90	2689	1034	125	12.08	98	15.82	164	11	46
Navamalkapper	79.72	11.90	5112	925	122	13.15	106	2.13	20	4	24
Nayampadi	79.33	12.22	3553	1038	35	3.38	88	18.10	188	26	10
Nayanur	79.21	12.02	2365	934	50	5.33	134	14.49	135	6	21
Nayanur RF	79.22	12.02	301	1766	7	0.41	33	84.13	1486	6	24
Nedumozhianur	79.55	12.14	3059	2106	153	7.27	218	12.65	267	36	50
Neduntondi	79.57	12.35	437	279	30	10.89	45	28.94	81	5	70
Neerperuthagaram	79.53	12.35	838	723	15	2.10	69	28.14	203	17	18
Neganur	79.45	12.30	4659	1930	96	4.99	337	14.28	276	34	21

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Nemili (Mel)	79.35	12.41	1524	1058	16	1.47	58	33.24	352	15	10
Nemili (V)	79.66	12.06	2598	831	128	15.43	67	45.66	380	9	49
Nemur	79.44	12.09	2383	624	20	3.14	68	28.00	175	12	8
Nerkunam	79.24	11.96	813	447	43	9.58	36	25.33	113	8	53
Nerkunam	79.67	11.98	1664	878	125	14.18	99	4.56	40	6	75
Nerkunam (Then)	79.72	12.19	1981	685	111	16.18	47	27.32	187	7	56
Nerkunam (Vada)	79.82	12.24	3862	1771	79	4.44	93	14.12	250	30	20
Nesal	79.82	12.05	2083	1153	604	52.35	71	6.88	79	19	290
Nettiyur	79.60	12.22	1392	695	62	8.91	65	11.63	81	13	44
Neykuppi	79.64	12.29	2069	1038	37	3.56	62	23.21	241	17	18
Nochaloor	79.29	12.35	3771	1580	41	2.61	147	23.08	365	37	11
Nolambur	79.73	12.26	5780	1971	67	3.41	121	14.08	278	28	12
Oddambattu	79.43	12.15	2020	812	12	1.51	44	17.87	145	16	6
Oddampattu	79.25	12.06	3554	1482	67	4.54	98	32.25	478	19	19
Odiyathur	79.36	12.21	2003	533	32	6.00	60	7.18	38	9	16
Oduvankuppam	79.32	12.02	4187	864	15	1.69	59	22.73	196	14	3
Olagalampundi	79.48	12.04	1967	1109	40	3.63	116	27.32	303	13	20
Olagapuram	79.77	12.17	3691	2228	85	3.83	109	42.29	942	24	23
Olakkur Kilpadi	79.73	12.32	3911	1345	117	8.69	211	30.69	413	18	30
Olakkur Melpadi	79.70	12.32	4186	2572	211	8.21	371	30.87	794	42	50
Olundiappattu	79.77	12.06	2206	2127	692	32.55	201	11.83	252	25	314
Omipper	79.86	12.17	1417	1124	54	4.77	106	19.80	223	20	38
Ommandur	79.69	12.16	2995	2231	324	14.51	155	18.58	415	12	108
Ongur	79.79	12.32	2041	2262	116	5.12	148	38.49	870	18	57

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Orathur	79.49	12.01	7286	1721	100	5.84	196	29.19	502	32	14
Orukodi	79.43	11.92	416	240	15	6.23	23	13.33	32	7	36
Othiyathur	79.36	12.02	3868	1067	40	3.79	100	15.66	167	18	10
Ottai	79.73	12.01	971	1302	434	33.31	129	5.80	76	15	447
Ozhukarai	79.80	12.03	1221	120	33	27.46	39	7.45	9	7	27
Padamangalam	79.60	12.18	802	553	15	2.77	23	25.03	139	15	19
Padippallam	79.35	12.17	2621	1461	123	8.45	156	13.18	193	28	47
Padippallam R.F.	79.37	12.19	1080	2829	904	31.95	375	15.80	447	46	837
Padirapuliyur	79.58	12.10	3649	2315	325	14.02	181	7.97	184	20	89
Padiri	79.76	12.31	3473	989	76	7.67	86	6.27	62	12	22
Pagandai	79.62	11.82		123	6	4.52	9	0.00	0	0	
Pagandai	79.59	11.98	2770	763	52	6.81	85	6.52	50	10	19
Paiyur	79.35	11.91	2786	1844	262	14.19	259	6.33	117	29	94
Pakkam	79.27	12.21	2081	1620	81	5.03	177	34.35	557	27	39
Pakkam	79.68	11.85	4363	1671	263	15.73	174	5.88	98	10	60
Pakkamalai R.F.	79.29	12.18	1219	10654	4505	42.29	1025	24.68	2629	100	3695
Pakkiripalayam	79.69	11.97	3300	466	55	11.84	91	19.10	89	10	17
Palakuppam	79.62	12.25	1906	1092	43	3.96	87	24.34	266	10	23
Palampoondi	79.34	12.38	549	341	10	3.02	29	24.28	83	9	19
Palamukkal	79.73	12.19	903	679	65	9.63	75	24.91	169	7	72
Palapattu	79.56	12.11	100	548	44	8.12	47	11.73	64	9	443
Palappattu	79.43	12.18	2255	996	113	11.38	111	16.00	159	24	50
Palavalam	79.27	12.14	1533	1005	88	8.78	112	19.14	192	20	58
Palichcheri	79.64	11.89	2068	733	103	14.11	99	5.49	40	7	50

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Pallikulam	79.53	12.30	1105	546	22	4.05	56	21.86	119	5	20
Pallinerianur	79.65	11.90	900	443	37	8.27	43	1.07	5	3	41
Pallipakkam	79.74	12.29	1856	606	24	4.03	59	6.54	40	8	13
Pallippuduppattu	79.65	11.88	4630	1573	290	18.41	170	7.71	121	21	63
Pallitennal	79.73	11.91	6555	1123	143	12.77	168	3.76	42	10	22
Palliyandur	79.38	11.99	2022	570	32	5.58	75	7.34	42	6	16
Pampundi	79.60	12.28	865	1175	55	4.67	165	21.81	256	28	63
Panaiyapuram	79.53	12.00	9627	1284	73	5.68	139	4.28	55	8	8
Panaiyur	79.79	12.28	389	639	92	14.42	40	46.02	294	4	237
Panamalai	79.37	12.10	10205	2361	148	6.25	283	15.84	374	34	14
Panampattu	79.52	11.93	19393	2160	110	5.08	207	17.67	382	21	6
Pananguppam	79.55	11.92	9863	634	69	10.86	88	2.07	13	2	7
Panapakkam	79.33	11.89	949	386	57	14.76	47	11.01	42	6	60
Panappakkam	79.54	12.02	1995	285	12	4.36	27	1.40	4	1	6
Panappakkam	79.50	12.29	523	442	41	9.19	69	20.76	92	7	78
Panchalam	79.67	12.27	1831	1026	41	3.99	102	18.57	190	14	22
Panchamadevi	79.56	11.88	5264	1652	274	16.59	227	4.48	74	7	52
Pangalathur	79.77	12.29	2683	1282	198	15.43	94	35.31	453	21	74
Panichamedu	79.93	12.14	953	428	78	18.34	80	22.21	95	7	82
Pantodu	79.83	12.26	439	445	18	3.98	24	26.64	119	6	40
Pappambadi (Kil)	79.48	12.20	853	523	15	2.87	54	4.54	24	9	18
Pappambadi (Mel)	79.25	12.26	4041	2115	32	1.51	130	31.72	671	21	8
Pappanapattu	79.52	12.02	568	1086	78	7.15	128	7.73	84	6	137
Pappantangal	79.38	12.41	348	351	6	1.84	31	43.22	152	4	19

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Paraiyanpattu	79.26	12.37	1228	554	7	1.24	18	21.47	119	16	6
Paraiyantangal	79.34	12.37	723	441	16	3.67	51	28.04	124	8	22
Parangani	79.69	12.05	3396	2375	453	19.05	351	25.71	611	26	133
Paranur	79.29	11.97	3615	1798	61	3.40	144	29.41	529	18	17
Parasreddipalaiyam	79.59	11.86	2399	766	73	9.58	106	3.48	27	10	31
Parikkalpattu	79.66	12.11	227	973	64	6.61	50	60.40	587	5	283
Parugampattu	79.40	11.80	929	249	11	4.35	32	25.70	64	3	12
Paruttipuram	79.32	12.44	2973	1472	17	1.13	62	30.29	446	19	6
Pasiyar (Then)	79.61	12.20	1592	1607	67	4.16	121	34.96	562	7	42
Pasumalaitangal	79.34	12.23	784	328	18	5.51	58	15.60	51	7	23
Pattanam	79.63	12.27	4313	1281	73	5.72	109	21.85	280	19	17
Pattanur	79.79	11.97	42613	1767	305	17.29	328	24.45	432	21	7
Pavandur	79.30	11.88	2467	610	76	12.48	67	7.77	47	10	31
Pedagam	79.45	11.89	3773	1426	85	5.93	159	3.61	52	10	22
Peddureddikuppam	79.58	11.94	471	296	86	28.91	47	6.58	19	7	182
Pennagar	79.44	12.34	2639	1494	52	3.49	180	29.64	443	33	20
Pennaivalam	79.29	11.88	3826	1143	82	7.20	137	16.99	194	19	22
Peradikuppam	79.57	12.25	1969	989	15	1.54	65	22.92	227	10	8
Peradikuppam (Kil)	79.65	12.16	502	515	62	11.99	66	27.35	141	5	123
Peramandur	79.58	12.22	5642	3689	266	7.21	359	22.86	843	66	47
Perambai	79.75	11.93	3214	797	172	21.64	97	17.23	137	4	54
Perampattu	79.56	12.17	21	103	9	8.78	14	9.77	10	4	426
Perangiyur	79.44	11.87	2247	1346	140	10.42	108	3.07	41	11	62
Perani	79.55	12.11	3636	1543	98	6.37	115	10.41	161	21	27

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Perapari	79.62	12.30	1041	330	37	11.35	67	5.55	18	5	36
Peravur	79.74	12.17	3017	2702	135	4.99	128	51.37	1388	20	45
Periathatchur	79.52	12.11	5526	3043	213	6.99	291	23.18	705	30	39
Perichanur	79.33	11.99	4368	1169	64	5.43	157	11.11	130	20	15
Perichchambakkam	79.67	11.81	328	175	32	18.18	24	3.56	6	2	97
Periyababusamudram	79.68	11.94	4533	1875	264	14.09	291	17.58	330	40	58
Periyamur	79.34	12.20	758	408	48	11.75	50	1.93	8	3	63
Periyanolambai	79.34	12.43	2677	1081	20	1.81	88	31.62	342	22	7
Perumbakkam	79.43	11.95	1496	643	25	3.84	52	43.48	279	8	16
Perumbakkam	79.66	12.09	2196	1226	88	7.16	138	31.44	385	20	40
Perumpugai	79.44	12.26	2229	1418	60	4.21	146	20.84	295	28	27
Perumpundi	79.44	12.36	1353	881	26	2.95	82	20.67	182	23	19
Perumukkal	79.74	12.22	4978	1644	85	5.15	172	21.07	346	28	17
Perungappur	79.36	12.23	4084	1544	145	9.38	144	9.44	146	22	35
Perunkalapundi	79.40	12.09	1898	772	15	1.98	56	25.30	195	9	8
Peruvalur	79.40	12.41	2259	1872	30	1.59	121	40.61	760	13	13
Pettai (Gingee)	79.25	12.23	3222	1444	29	2.02	100	23.16	335	25	9
Pidaripattu	79.51	12.14	2355	1091	35	3.18	68	18.15	198	14	15
Pillaiyarkuppam	79.58	12.04	873	372	74	19.99	37	6.80	25	8	85
Pillur	79.52	11.89	2964	935	121	12.96	103	1.52	14	5	41
Pilrampattu	79.26	12.01	3735	601	13	2.22	25	32.24	194	8	4
Pinnanur	79.36	12.43	573	710	16	2.26	61	45.29	321	10	28
Pombur	79.60	12.04	2364	1530	149	9.74	152	8.30	127	16	63
Ponnampundi	79.62	12.05	113	557	178	31.95	38	16.89	94	7	1570

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Ponnankuppam	79.34	12.11	1182	542	85	15.61	119	10.48	57	8	72
Ponpatti	79.42	12.24	3867	695	34	4.86	88	4.43	31	8	9
Porkunam	79.38	12.30	618	324	6	1.95	35	36.15	117	6	10
Porur	79.39	12.05	1787	645	26	3.98	89	12.74	82	15	14
Pothuvoy	79.26	12.15	1637	697	8	1.16	45	20.27	141	17	5
Poyyapakkam	79.52	11.96	3297	921	64	6.96	95	21.87	201	19	19
Poyyarasur	79.45	11.82	1701	942	201	21.36	101	12.44	117	12	118
Pudukkuppam	79.78	12.13	1382	796	11	1.33	38	23.27	185	11	8
Pudupakkam	79.91	12.19	765	764	104	13.55	134	10.16	78	10	135
Pudupalaiyam	79.28	12.03	3328	915	32	3.48	95	36.92	338	20	10
Pudupalayam	79.28	12.21	819	248	4	1.55	18	39.31	97	3	5
Puduppattu (Mel.)	79.31	12.30	2761	1067	20	1.90	75	25.88	276	27	7
Pulaiyur	79.65	12.30	414	623	36	5.83	38	36.85	229	16	88
Pulichapallam	79.76	12.03	6454	2866	814	28.39	274	7.34	210	18	126
Pulikkal	79.21	12.04	602	340	16	4.68	32	19.19	65	6	26
Pulinjimalai R.F.	79.28	12.11	70	242	20	8.15	50	18.93	46	4	283
Pulivandi	79.39	12.13	2100	767	23	3.01	88	29.40	225	14	11
Puliyannur	79.56	12.31	2445	1549	84	5.40	171	20.57	319	25	34
Pullipattu	79.28	12.22	1663	719	18	2.50	83	25.44	183	17	11
Pundi	79.47	12.05	2175	729	34	4.72	87	21.30	155	13	16
Pungunam	79.46	12.04	97	169	11	6.40	12	13.84	23	5	112
Purangarai	79.70	12.30	740	568	59	10.41	93	35.23	200	9	80
Puthur (Ten)	79.55	12.17	209	390	52	13.22	51	5.75	22	6	247
Puthurai	79.76	11.97	6722	3796	1078	28.39	424	16.90	641	42	160



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Puttagaram	79.25	12.21	1864	731	6	0.76	28	39.28	287	9	3
Puttanandal	79.59	12.34	2758	435	15	3.50	45	9.38	41	7	6
Puttur (Vada)	79.48	12.28	366	576	26	4.56	70	22.18	128	13	72
Puvarasankuppam	79.57	11.86	3694	1046	94	9.02	126	5.90	62	12	26
Radhapuram	79.59	12.01	3657	1016	88	8.68	146	13.87	141	19	24
Rajampuliyur	79.46	12.25	1141	687	53	7.72	147	9.34	64	7	46
Rampakkam	79.62	11.84	3417	1026	180	17.54	125	2.31	24	6	53
Rayampettai	79.23	12.21	328	138	1	0.50	6	39.92	55	4	2
Rayanallur	79.86	12.26	911	664	37	5.64	87	26.59	176	16	41
Rayattai	79.79	12.05	268	758	231	30.45	57	9.15	69	10	862
Reddikuppam	79.58	12.04	111	262	66	25.21	24	12.78	33	8	596
Rettanai	79.55	12.20	7604	3629	547	15.09	439	13.04	473	64	72
Royapudupakkam	79.80	12.03	1464	1687	572	33.94	174	15.57	263	18	391
S. Kolapakkam	79.45	12.12	2092	524	17	3.33	54	9.41	49	10	8
Salai	79.58	12.26	1567	680	28	4.12	71	8.17	56	15	18
Salai (Vikravandi)	79.55	12.07	3893	1400	52	3.74	115	15.27	214	9	13
Salai (Vikravandi) R.F.	79.54	12.07	42	164	15	8.96	25	35.22	58	3	354
Salaiagaram	79.53	11.94	5333	375	33	8.79	54	7.60	28	8	6
Salamedu	79.49	11.92	27982	2024	160	7.88	242	12.27	248	31	6
Salavadi	79.67	12.25	3837	1128	50	4.44	93	5.45	61	11	13
Salavanur	79.39	12.10	831	527	17	3.19	66	11.38	60	13	20
Salayampalayam (East)	79.56	11.90	6995	2545	188	7.39	306	0.71	18	4	27
Samathankuppam	79.40	12.35	557	471	105	22.26	54	10.97	52	9	188
Sandisakshi	79.41	12.32	836	483	46	9.48	62	19.67	95	11	55

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Sangilikkuppam	79.32	12.38	2761	1085	15	1.36	61	40.03	434	14	5
Sangitamanagalam	79.39	12.11	5497	760	40	5.29	109	11.38	86	15	7
Saram	79.70	12.28	5981	2602	353	13.57	371	16.14	420	23	59
Saravanapakkam	79.37	11.84	774	125	16	13.14	23	11.15	14	4	21
Sathambadi	79.35	12.37	3300	1556	55	3.56	126	29.60	461	29	17
Sathanandal	79.42	12.34	775	610	30	4.86	100	20.09	123	16	38
Sathanur	79.40	11.89	60	244	19	7.76	47	9.72	24	4	314
Sathiyakandanur	79.31	12.00	2651	761	27	3.51	57	23.24	177	11	10
Sattamangalam	79.83	12.19	627	277	16	5.85	18	29.87	83	3	26
Sattanur	79.68	12.28	978	662	47	7.07	56	32.63	216	10	48
Sattanur	79.52	12.03	4197	2031	132	6.49	235	15.83	322	35	31
Sattaputhur	79.35	12.32	1028	981	60	6.07	166	19.59	192	28	58
Sattipattu	79.43	11.92	443	211	13	6.15	38	8.90	19	3	29
Satyamangalam	79.31	12.24	8029	2916	75	2.58	207	14.93	435	35	9
Semangalam	79.47	11.83	1112	288	79	27.61	59	9.30	27	6	71
Semangalam	79.71	12.07	4248	2951	431	14.61	391	24.08	711	48	102
Sembakkam	79.54	12.36	863	708	13	1.77	49	31.98	227	8	15
Semmar	79.41	11.88	1437	488	44	9.02	75	6.65	32	7	31
Semmedu	79.40	12.04	2216	813	61	7.52	106	17.18	140	13	28
Semmedu	79.28	12.25	7576	2056	44	2.15	137	21.36	439	33	6
Senalur	79.76	12.23	790	564	7	1.33	25	37.87	214	5	9
Sendamangalam	79.81	12.26	1392	610	32	5.31	66	8.03	49	11	23
Sendiyampakkam	79.54	12.13	1078	853	58	6.82	79	6.43	55	11	54
Sengadu	79.59	11.96	2092	816	38	4.63	81	23.44	191	17	18

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Sengamedu	79.67	12.02	588	485	68	14.00	58	6.40	31	1	115
Sengamedu	79.29	12.02	2048	674	21	3.16	50	27.76	187	11	10
Senji kunnathur	79.46	12.14	1789	1228	20	1.62	68	27.90	343	24	11
Senjikothamangalam	79.54	12.15	1798	894	65	7.28	59	32.49	290	8	36
Senjipudur	79.44	12.13	1652	894	26	2.93	78	36.83	329	11	16
Sennakunam	79.35	11.97	4801	1681	133	7.91	197	7.41	125	18	28
Sennalur	79.36	12.19	732	517	55	10.64	72	10.64	55	8	75
Serndanur	79.53	11.87	2962	781	105	13.40	137	10.14	79	14	35
Servilagam	79.48	12.26	862	316	48	15.33	60	3.97	13	2	56
Seshanganur	79.65	11.96	1806	420	122	28.97	91	8.21	34	7	67
Settavara	79.25	12.16	975	709	102	14.42	82	25.98	184	16	105
Seturayanallur	79.47	12.30	653	692	42	6.06	85	16.76	116	28	64
Sevalambadi (Kil)	79.40	12.38	671	452	7	1.49	25	25.65	116	10	10
Sevalapurai	79.36	12.29	6261	2615	114	4.36	270	17.50	458	45	18
Sevur (Mel)	79.51	12.20	3269	3826	152	3.98	310	16.41	628	76	47
Seyyaduvinnan	79.59	11.99	2299	362	26	7.07	48	5.83	21	5	11
Seyyankuppam	79.90	12.13	502	412	120	29.17	44	5.32	22	4	240
Sindagampoondi	79.35	12.38	1306	605	19	3.10	62	25.42	154	13	14
Sindipattu	79.31	12.36	418	360	10	2.66	37	15.12	54	5	23
Singanandai	79.83	12.20	940	271	63	23.18	25	23.64	64	5	67
Singanikuppam	79.62	12.37	241	242	7	2.76	39	22.73	55	6	28
Singanur	79.62	12.21	3310	1362	160	11.77	120	18.21	248	17	48
Singavaram	79.41	12.28	1602	990	67	6.73	192	15.78	156	25	42
Sirudalaipoondi	79.34	12.35	2943	1118	28	2.54	126	19.52	218	19	10

Settlement	Location (long/lat)		Population (nos)	TGA (acres)	Tree cover (acres)	Tree cover (% over TGA)	Tree cover (plots)	Technical potential (% over TGA)	Technical potential (acres)	Technical potential (plots)	Treecover per 1000 resident (acres)
Sirumadurai	79.36	11.90	3027	1121	180	16.06	146	7.52	84	16	59
Sirunampundi	79.39	12.20	1472	713	107	15.07	78	8.35	60	17	73
Sirunarur	79.67	12.10	485	966	129	13.40	134	33.33	322	20	267
Siruvadi	79.84	12.21	5078	1512	85	5.60	120	24.20	366	36	17
Siruvadi R.F.	79.37	12.27	496	3396	2052	60.44	259	6.86	233	38	4135
Siruvai	79.61	12.05	1227	903	261	28.90	100	2.06	19	7	213
Siruvakkur	79.38	11.94	3796	1373	55	3.97	107	19.39	266	18	14
Siruvilai	79.42	12.04	3754	1851	75	4.06	185	27.00	500	24	20
Siruvallikuppam	79.57	12.00	1842	526	34	6.41	54	20.11	106	10	18
Siruvalur (Ten)	79.70	12.12	1938	1288	509	39.50	80	14.48	187	11	263
Siruvalur (Vada)	79.58	12.33	1680	1350	42	3.11	162	24.27	328	22	25
Siruvandadu	79.59	11.88	2577	980	110	11.20	110	8.68	85	10	43
Siruvanur	79.38	11.90	1476	799	86	10.80	96	6.01	48	13	58
Sithalingamadam	79.28	11.92	8253	2219	123	5.55	238	19.54	434	25	15
Sithanangur	79.40	11.81	1281	577	38	6.52	61	10.06	58	4	29
Sithathur	79.31	12.01	1702	460	21	4.61	58	15.41	71	13	12
Sitheri	79.41	12.05	1067	369	18	4.80	28	12.35	46	7	17
Sitheripattu	79.35	11.99	1446	529	36	6.76	68	8.71	46	9	25
Sittampundi	79.41	12.19	2325	953	49	5.14	95	9.26	88	25	21
Sitteripattu	79.67	12.28	715	242	17	7.07	31	5.72	14	6	24
Siyappundi	79.31	12.31	1271	565	20	3.51	60	32.95	186	9	16
Soliasokkulam	79.59	12.16	665	272	36	13.18	53	11.36	31	5	54
Sorapattu	79.83	12.16	203	127	9	6.94	16	53.28	68	5	43
Sorappur	79.64	11.84	1454	813	46	5.66	70	2.38	19	5	32

Settlement	Location (long/lat)		Population (nos)	TGA (acres)	Tree cover (acres)	Tree cover (% over TGA)	Tree cover (plots)	Technical potential (% over TGA)	Technical potential (acres)	Technical potential (plots)	Treecover per 1000 resident (acres)
Sorattupperiyankuppam	79.30	12.21	3884	2124	67	3.17	164	24.70	525	29	17
Sorattur	79.46	12.21	2221	1344	90	6.68	212	20.08	270	22	40
Sornavur (Kilpadi)	79.64	11.82	1651	1049	73	6.97	98	1.44	15	5	44
Sornavur (Melpadi)	79.63	11.82	1538	1139	233	20.44	161	3.33	38	8	151
Surappattu	79.43	12.01	2189	390	17	4.32	44	4.19	16	3	8
T. Edaiyur	79.34	11.90	3012	1783	322	18.07	140	6.85	122	20	107
T. Konalavadi	79.26	11.87	1928	772	58	7.52	68	28.75	222	8	30
T. Kunnathur	79.28	11.90	1566	436	12	2.84	26	33.24	145	12	8
T. Nellalam	79.75	12.20	2658	926	40	4.36	82	32.37	300	13	15
T. Parangani	79.77	12.14	2794	1036	82	7.96	114	21.56	223	19	30
T.Kumaramangalam	79.45	11.83	788	390	82	20.95	77	9.01	35	9	104
T.Pudupalayam	79.30	11.91	4172	1591	166	10.45	210	10.49	167	15	40
Tachchampattu	79.38	12.18	1489	1243	115	9.24	163	24.44	304	22	77
Tadagam	79.26	12.15	1446	835	29	3.50	85	28.06	234	24	20
Tadanguppam	79.23	12.21	296	345	2	0.49	8	38.25	132	8	6
Tailapuram	79.76	12.09	4588	2548	655	25.70	228	5.49	140	20	143
Taiyur	79.48	12.21	1393	838	22	2.57	85	12.40	104	13	15
Talaiganikuppam	79.82	12.15	742	740	61	8.29	166	58.35	432	7	83
Talankunram	79.26	12.39	3936	1673	22	1.32	95	26.72	447	30	6
Taludali	79.64	12.10	2708	896	52	5.80	96	47.47	425	3	19
Tandavasamudram	79.34	12.15	4032	2036	90	4.42	190	18.27	372	27	22
Tandavasamudram R.F.	79.35	12.13	157	793	210	26.47	130	22.21	176	20	1339
Taniyal	79.56	12.32	1078	1373	46	3.36	113	34.34	472	17	43
Tayanur	79.30	12.33	4398	2765	94	3.41	237	18.93	523	33	21

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Teli	79.40	11.92	3019	868	39	4.53	65	19.60	170	9	13
Tengapakkam	79.68	12.32	125	163	14	8.64	11	49.29	80	3	113
Tennalapakkam	79.62	12.10	1718	1247	171	13.69	76	41.00	511	8	99
Tennamadevi	79.48	11.99	3768	774	30	3.90	100	9.44	73	11	8
Tennampundi	79.79	12.23	539	369	42	11.47	35	23.93	88	8	79
Tennavarayanbattu	79.60	11.98	1344	384	40	10.44	52	6.58	25	6	30
Tenneri	79.73	12.18	63	187	3	1.66	11	41.53	78	3	49
Tenpair	79.49	12.09	5707	2459	213	8.67	241	14.88	366	50	37
Tenpalai	79.32	12.27	5112	1993	44	2.18	156	17.45	348	35	9
Tenpuduppattu	79.44	12.18	1881	990	71	7.20	111	25.55	253	17	38
Teppirampattu	79.29	12.43	3741	1279	10	0.80	54	20.80	266	14	3
Terkunam	79.72	12.12	1959	1093	111	10.20	63	23.14	253	11	57
Thaduthatkondur	79.38	11.84	2055	1313	130	9.94	154	10.55	139	20	63
Thandarai	79.25	12.07	633	966	75	7.78	55	44.85	433	7	119
Thanikelampattu	79.29	11.98	1536	432	10	2.20	25	14.50	63	9	6
Thenkulapakkam	79.63	12.12	2056	824	71	8.57	81	26.48	218	11	34
Thenmangalam	79.42	11.85	1660	875	54	6.16	88	7.76	68	11	32
Thirukkunam	79.38	12.07	3089	682	37	5.36	111	18.69	127	9	12
Thirumalaipattu	79.23	12.01	979	301	8	2.65	26	35.20	106	3	8
Thirunandipuram	79.48	12.13	748	671	21	3.14	50	30.73	206	16	28
Thiruvadikunnam	79.44	12.16	1350	648	21	3.19	54	23.81	154	11	15
Thiruvamattur	79.47	11.97	4710	1516	151	9.97	247	10.78	163	21	32
Thiruvambattu	79.47	12.19	932	818	22	2.67	58	20.72	169	14	23
Thiruvonnainallur	79.37	11.87	9394	1667	127	7.63	177	6.87	115	23	14

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Thruinjikadu RF	79.29	12.06		153	13	8.21	27	33.64	51	3	
Thumbur	79.48	12.02	5957	1646	125	7.60	269	21.42	353	39	21
Thurinjjikadu R.F.	79.29	12.08	747	378	30	7.97	48	36.33	137	11	40
Tindivanam	79.65	12.24	50266	5447	466	8.56	591	8.87	483	38	9
Tiruchitrambalam	79.78	11.99	13609	2076	641	30.86	333	10.42	216	21	47
Tirukanur	79.90	12.18	727	521	62	11.97	83	20.71	108	4	86
Tirumangalam	79.65	11.99	6900	1258	99	7.87	152	4.18	53	12	14
Tiruppachchanur	79.50	11.87	2022	1236	297	23.99	119	6.91	85	16	147
Tiruvaikkarai	79.65	12.03	3374	1889	122	6.46	174	43.98	831	14	36
Todandanur	79.53	11.93	3906	317	24	7.59	35	6.60	21	2	6
Tokavadi	79.45	11.93	1302	144	20	14.18	34	2.29	3	2	16
Tollamur	79.67	12.05	1227	1110	96	8.62	73	41.83	464	11	78
Tondur	79.48	12.36	1110	1100	69	6.28	166	23.90	263	17	62
Torappadi	79.33	12.31	1933	720	23	3.24	67	35.18	253	20	12
Toravi	79.56	12.01	6608	1584	138	8.68	204	12.06	191	25	21
Toruvai	79.78	12.03	299	589	180	30.64	47	19.19	113	11	603
Tuduppakkam	79.48	12.23	775	561	19	3.47	60	10.15	57	9	25
Turinjjippundi	79.36	12.31	1446	692	19	2.81	81	17.99	124	24	13
Tuttiattu	79.34	12.12	2630	1062	147	13.83	211	8.69	92	21	56
Udaiyanatham	79.33	12.05	845	796	136	17.14	176	15.20	121	10	162
Udaiyanattam R.F.	79.33	12.06	1989	1366	412	30.17	216	8.91	122	30	207
Udaiyantangal	79.42	12.40	2094	688	14	2.03	54	29.99	206	11	7
Uliyampattu	79.24	12.15	200	314	10	3.08	30	39.44	124	8	48
Unnamanandal	79.31	12.40	1028	611	19	3.03	67	23.54	144	15	18

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Uppuvelur	79.79	12.13	2293	2502	205	8.19	375	27.73	694	33	89
Ural	79.63	12.29	2520	927	20	2.21	84	24.42	226	20	8
Urani	79.91	12.16	1154	1595	135	8.49	134	29.42	469	13	117
Uranitangal	79.44	12.25	2116	519	13	2.49	57	11.82	61	5	6
V. Nallalam	79.52	12.16	1012	752	41	5.46	49	17.63	133	10	41
V. Panchalam	79.52	12.14	648	890	14	1.56	35	27.55	245	12	21
V. Pudupakkam	79.71	12.02	2033	1722	428	24.86	270	3.85	66	17	211
V.Chithamur	79.27	11.99	3298	1030	30	2.88	86	11.88	122	19	9
V.Pudur	79.61	11.94	2189	1523	257	16.85	199	6.88	105	15	117
V.Puthur	79.27	11.97	1431	746	39	5.20	75	14.95	112	14	27
Vadagaraithayanur	79.24	12.00	4428	1756	21	1.19	82	45.79	804	14	5
Vadakkunemili	79.24	11.94	1596	585	39	6.65	61	19.13	112	5	24
Vadamalaiyanur	79.23	11.89	3035	970	38	3.88	70	31.88	309	6	12
Vadamarudur	79.26	11.93	4624	1493	110	7.39	186	14.78	221	18	24
Vadampundi	79.61	12.31	878	671	32	4.74	91	19.29	129	10	36
Vadanur	79.63	11.96	42	110	22	19.67	15	0.00	0	0	523
Vadanur	79.63	11.96	125	136	20	14.62	21	0.00	0	0	160
Vadapalai	79.33	12.29	2308	1035	29	2.78	88	28.34	293	15	12
Vadataram	79.48	12.19	523	457	5	1.01	18	19.45	89	14	9
Vadavambalam	79.57	11.85	2111	896	329	36.72	80	4.94	44	8	156
Vadavanur	79.47	12.26	174	226	7	3.31	29	9.41	21	4	43
Vadavetti	79.38	12.39	1602	921	21	2.30	53	36.07	332	13	13
Vaduganathankuppam	79.58	11.96	305	352	11	3.22	19	56.03	197	2	37
Vaduganpoondi	79.25	12.35	2935	1101	15	1.36	68	31.49	347	27	5



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Vaidapakkam	79.83	12.23	1931	962	42	4.33	60	13.36	129	16	22
Vailamur	79.43	11.96	540	377	25	6.71	27	41.73	157	9	47
Vailamur (Kil)	79.50	12.15	1050	1019	22	2.15	49	25.63	261	23	21
Vailamur (Mel)	79.27	12.42	9364	3871	37	0.97	148	34.09	1319	55	4
Vairapuram	79.66	12.31	3208	2130	116	5.42	189	37.58	800	25	36
Vakkur	79.57	11.97	4280	2884	230	7.97	344	15.51	447	35	54
Valaiyampattu	79.43	11.87	14	203	46	22.51	22	1.54	3	2	3247
Valappattu	79.42	12.01	1815	332	15	4.53	42	7.79	26	4	8
Valathi	79.37	12.34	5721	2500	128	5.13	321	27.42	685	34	22
Valavanur	79.60	11.91	15487	2854	286	10.01	331	3.45	98	16	18
Vallam	79.51	12.25	1681	958	71	7.36	108	6.08	58	12	42
Valudavur	79.71	11.98	3786	1411	154	10.92	186	9.60	135	22	41
Valudureddi	79.47	11.92	12924	1500	95	6.30	187	11.82	177	12	7
Vanakkambadi	79.41	12.30	453	278	4	1.55	21	36.30	101	8	10
Vandarampundi	79.79	12.24	226	287	79	27.54	28	10.11	29	7	350
Vanniper	79.79	12.18	3837	1839	170	9.24	157	15.62	287	32	44
Vanur	79.73	12.03	6295	3354	797	23.76	466	13.32	447	58	127
Varagapattu	79.67	12.19	639	179	40	22.24	22	21.29	38	10	62
Varikkal	79.39	12.15	3074	844	38	4.54	93	16.66	141	17	12
Vasanthkrishnapuram	79.19	12.02	3208	851	22	2.53	58	21.48	183	18	7
Vedalam	79.28	12.01	482	615	21	3.40	30	16.55	102	20	43
Vedambattu	79.45	11.95	706	301	33	10.88	43	29.71	89	9	46
Vedandavadi	79.20	12.34	404	316	7	2.21	29	27.06	86	8	17
Veeranampattu	79.28	11.89	120	295	11	3.71	16	29.95	88	5	91

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Veerangipuram	79.28	12.05	3871	1418	36	2.51	95	28.59	405	14	9
Veerapandi	79.21	12.05	7290	2679	72	2.70	208	23.32	625	29	10
Veerashozhapuram	79.30	11.95	3841	1732	123	7.08	230	18.80	325	30	32
Velakulam	79.18	12.02	1491	746	27	3.58	84	46.92	350	10	18
Velangampadi	79.59	12.13	1429	1359	92	6.75	128	12.61	171	11	64
Veliyambakkam	79.46	11.88	933	245	8	3.35	24	12.58	31	5	9
Veliyandal	79.45	12.06	1358	280	22	7.81	31	17.51	49	5	16
Veliyanur	79.65	12.13	2390	1499	260	17.34	121	25.94	389	25	109
Vellamputhur	79.22	12.01	1491	501	9	1.86	35	17.35	87	5	6
Vellayaimbattu	79.36	12.08	2036	750	67	8.96	141	15.22	114	14	33
Velleripattu	79.39	12.05	249	265	6	2.15	17	14.53	39	5	23
Vellimedupettai	79.58	12.35	484	527	27	5.04	67	7.05	37	6	55
Vembi	79.47	12.07	5970	872	57	6.51	135	28.52	249	16	10
Vempundi	79.61	12.24	2295	973	71	7.28	98	15.65	152	14	31
Vengai	79.66	12.16	602	877	138	15.69	57	43.23	379	11	229
Vengamur	79.35	12.06	1621	775	32	4.16	102	23.67	183	18	20
Vengandur	79.43	11.99	3782	1636	112	6.86	170	5.44	89	18	30
Vengandur	79.55	12.23	4272	1656	57	3.45	155	21.33	353	33	13
Vengaram	79.84	12.15	598	582	43	7.40	46	22.73	132	8	72
Vengatadriagaram	79.54	11.88	5846	1472	189	12.85	185	5.78	85	9	32
Vengayakuppam	79.44	12.08	166	189	9	4.76	9	36.25	68	1	54
Venkatesapuram	79.43	11.94	734	824	26	3.13	55	18.12	149	16	35
Venmaniyathur	79.41	11.92	1456	625	38	6.15	70	15.90	99	8	26
Venmaniyathur	79.61	12.27	1893	822	38	4.68	114	23.93	197	18	20

Settlement	Location (long/lat)		Population (nos)	TGA (acres)	Tree cover (acres)	Tree cover (% over TGA)	Tree cover (plots)	Technical potential (% over TGA)	Technical potential (acres)	Technical potential (plots)	Treecover per 1000 resident (acres)
Viluppuram	79.50	11.94	58568	2122	199	9.38	240	1.71	36	13	3
Vilvamadevi	79.48	12.16	157	163	10	5.88	28	17.55	29	5	61
Vilvanatham	79.81	12.09	650	1588	48	2.99	37	54.48	865	11	73
Viramanallur	79.28	12.24	1724	609	21	3.47	52	6.36	39	6	12
Viramur	79.41	12.02	2881	1385	73	5.27	101	10.07	139	17	25
Viranam	79.66	11.84	3444	1743	134	7.66	195	2.73	48	11	39
Viranamur	79.51	12.33	2331	1670	52	3.14	154	17.76	297	43	23
Virattikuppam	79.47	11.95	1579	432	44	10.27	59	10.90	47	8	28
Virpattu	79.47	12.29	583	450	11	2.55	36	18.43	83	11	20
Vittalapuram	79.70	12.25	2282	1750	91	5.18	185	27.40	479	22	40
Vowalkunram	79.47	12.15	35	117	6	5.25	16	0.00	0	0	177

Note:

1. A plot that crosses a settlement boundary is counted as two plots. Thus, the total number of plots under settlement-wise analysis is higher than the district total.

2. The data used for the analysis had inherent disparities, causing slight differences in the overall settlement and district boundary.

# 07 RECOMMENDATIONS

## **Utilizing research findings for green initiatives.**

The Forest Department and the Department for Environment and Climate Change can utilize findings from this research to guide initiatives within the Tamil Nadu Green Mission, particularly aimed at augmenting the state's greenery.

## **Promoting green spaces within towns**

Give preference to lands located within or near towns. Particularly focus on unused lands within a town or within a specified distance from it. By converting such lands into green spaces with tree cover, they can function as vital ecological and temperature-regulating zones. This initiative will enhance the town's appeal to residents and potentially mitigate urban sprawl.

## **Establishing riparian forests for environmental benefits**

The results can be utilised for planting riparian forests. A riparian forest refers to a stretch of land adjacent to a stream, lake, or wetland characterized by a mix of trees, shrubs, and perennial plants. These forests offer various advantages such as filtering nutrients, pesticides, and animal waste from runoff from agricultural areas; preventing erosion by stabilizing banks; purifying water by filtering sediment from runoff; offering shade, shelter, and sustenance for aquatic life like fish; and safeguarding croplands and downstream habitats from flood-related harm. The district authority can initiate a program aimed at promoting the establishment of riparian forest buffers on both public and private properties.

## **Prioritising afforestation efforts on unused lands**

Give preference to unused lands with significant technical potential and minimal tree cover for afforestation efforts. Settlements with identified areas suitable for afforestation (lands with technical potential) that exceed the existing tree cover area may be prioritized, as they offer greater untapped potential. To aid in prioritisation, a table presenting the untapped potential and the ratio of technical potential areas to existing tree cover is provided for settlement-wise analysis.

## **Integrating land use planning with environmental conservation**

This dataset can be shared with solar energy developers which can expedite the process of identifying the lands that can be competing with forestation activities. The Planning Department, district collectorate, and various panchayat administrations can employ land cover mapping, land cover change detection, and suitability assessments to shape local land use regulations and guidelines effectively.

# 08 SUMMARY

Suitable areas for forestation were found to be scattered throughout Villupuram to meet the district's target. The total suitable area found is 1,92,914 acres of which 1,647 acres meet the high criteria. 256 plots are above 100 acres, while the plots between 20 acres and 100 acres were 1,005 in number. There are scattered plots throughout the district which are technically suitable to fulfil 85 % of the district's tree cover target. Overall, the analysis indicates that most settlements lack the required tree cover. Thus, forestation efforts should be prioritized in these regions to facilitate meeting the district's target of 33 % forest cover.

Villupuram has a large share (28% of TGA) of lands that were identified as unused. Overall, 55,101 acres of land that show technical suitability for having forests are competing with solar energy and water. Almost all of these 55,095 acres of land are competing with solar energy with only 6 acres of land competing against water. 28 % of all the technically suitable lands are competing against solar and water in total. Forestation and water harvesting practices can go hand-in-hand to develop tree cover and increase freshwater reserves, but the same cannot be said regarding solar energy. To ensure sustainable land use management, land use guidelines that actively facilitate the co-location and dual use of unused lands for key development priorities may be developed. Such guidelines will need to address multiple policy objectives such as climate adaptation and mitigation, biodiversity, soil health and water security.

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Link to interactive maps:

<https://www.aurovilleconsulting.com/wp-content/uploads/Lila/Villupuram.html>









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