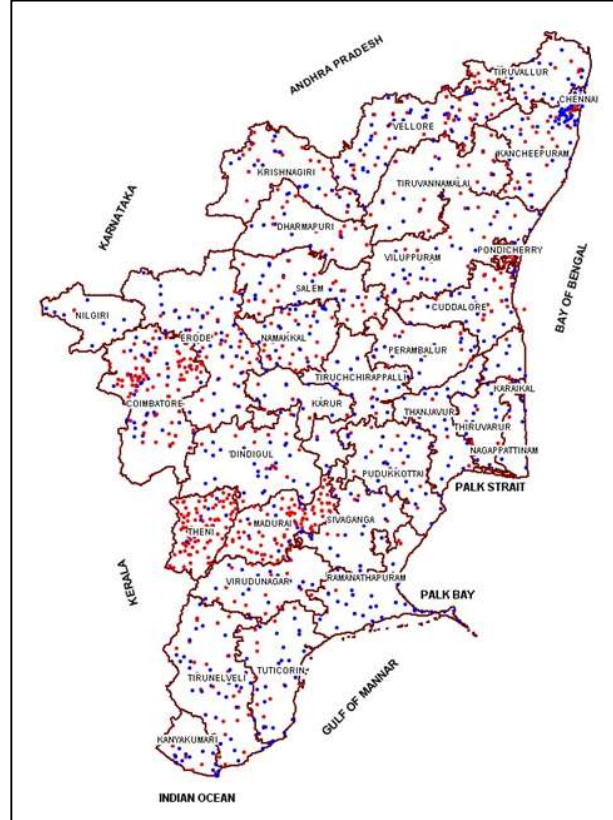


तमिलनाडुऔरकेंद्रशासितप्रदेशपुडुचेरीकेवार्षिक  
भूजलपुस्तक (2021-2022)

GROUNDWATER YEAR BOOK OF  
TAMIL NADU AND U. T. OF PUDUCHERRY  
(2021-2022)



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## EXECUTIVE SUMMARY

*Central Ground Water Board, an apex Organization under Ministry of Water Resources, Government of India, is carrying out the monitoring of ground water levels all over the country for generating a sound database so that the changes in ground water regime could be scientifically studied, analysed and strategies for its optimal utilization can be planned.*

*The behaviour of ground water table during the ground water year 2021-22 in the state of Tamil Nadu and Puducherry and Karaikal regions of the Union Territory of Puducherry has been studied by monitoring a set of dug wells and purpose-built piezometers during the months of August 2021, November 2021 and January 2022. As of January 2022, Central Ground Water Board, South Eastern Coastal Region, monitors 736 dug wells and 424 tube wells/piezometers to study the ground water scenario of the state of Tamil Nadu and Puducherry and Karaikal regions of the Union Territory of Puducherry.*

*The present compilation relates to the year 2021-22. It provides information pertaining to water levels and also chemical quality of the phreatic aquifer. Thematic maps depicting the ground water scenario along with geochemical quality are furnished and discussed in this report. In addition, the fluctuations in water level and piezometric surface between different time frames have been analysed and presented. Various thematic maps presented reflect the effect of rainfall received during the period of study and the long-term behaviour of water level according to ground water recharge and draft conditions obtained in various agro-climatic zones. The data on seasonal rainfall during the year are furnished to correlate the effect of the rainfall on water levels.*

*In general, the water levels are deep in the month of May and a rising trend of water levels during January (Post-monsoon period) was observed. Water level fluctuation takes place during August, November and January depending on the monsoon rainfall and level of groundwater development.*

*Depth to water level during premonsoon major part of the State (71% of the wells), particularly in the central and Eastern parts are < 10m bgl. Where as the central and north western parts have recorded shows water level of > 10 m bgl. Water levels < 2 m are observed in 5% of wells. Depth to water level in the range of 10 to 20 m bgl has been observed in 24 % of wells analysed and found in More than 50% of wells of Dharmapuri and Perambalur districts.*

*During postmonsoon period, Over all 85% of the wells monitored in the state and UT are in < 10 m bgl range and spreaded over entire Tamil Nadu. 2 % of the wells have recorded water level of >20 m and are scattered particularly in Coimbatore and Erode and Madurai districts. Depth to water level in the range of <2 m bgl has been recorded in 19 % of wells analysed and found scattered in all the districts. More than 20 % of wells of Dharmapuri, Erode, Namakkal, Salem, Sivaganga, Trichy and Vellore districts have recorded water level in 10 – 20 m bgl range.*

*Results of chemical analysis of water samples collected during May 2021 are also discussed for understanding the spatial variation of EC, Chloride, Fluoride and Nitrate concentration in the phreatic aquifer system of the state of Tamil Nadu and Puducherry and Karaikal regions of the Union Territory of Puducherry.*

# **GROUNDWATER YEARBOOK OF THE STATE OF TAMIL NADU AND PUDUCHERRY AND KARAİKAL REGIONS OF THE UNION TERRITORY OF PUDUCHERRY (2021-22)**

## **I. INTRODUCTION**

The state of Tamil Nadu has a geographical area of 1,30,058 sq. km. and is situated between N. Latitudes 08°00" and 13°30' and E. Longitudes 76°15' and 80°18'. The state is bounded by the Bay of Bengal in the east, the Indian Ocean in the south, the state of Kerala in the west and the states of Karnataka and Andhra Pradesh in the north. For administrative purposes, the state is divided into 38 districts and 1166 developmental Firkas. A major part of the Union Territory of Puducherry comprising Puducherry and Karaikal regions occurs as small enclaves in Tamil Nadu.

The Central Ground Water Board, South Eastern Coastal Region is monitoring the water levels in ground water monitoring wells in the state of Tamil Nadu and Puducherry and Karaikal regions of the Union Territory of Puducherry four times a year, viz. May (between 20<sup>th</sup> and 31<sup>st</sup>), August (between 20<sup>th</sup> and 31<sup>st</sup>), November (between 1<sup>st</sup> and 10<sup>th</sup>) and January (between 1<sup>st</sup> and 10<sup>th</sup>). Water samples from the Ground Water Monitoring Wells are collected once in a year i.e. during May. **Table-1** gives the number of Ground Water Monitoring Wells tapping the phreatic aquifers and the piezometers/tube wells/bore wells tapping the deeper semi-confined to confined aquifer during the monitoring months. The behaviour of water levels are analysed with reference to the rainfall pattern. The data are utilised for the assessment of ground water resources, evaluation of the present status of ground water development and also for planning future development. For analytical purposes, only the data of the Ground Water Monitoring Wells tapping phreatic aquifers are considered. The data thus collected are analysed and interpreted and the Ground Water Yearbook is issued annually with interpreted data and thematic maps depicting the ground water scenario.

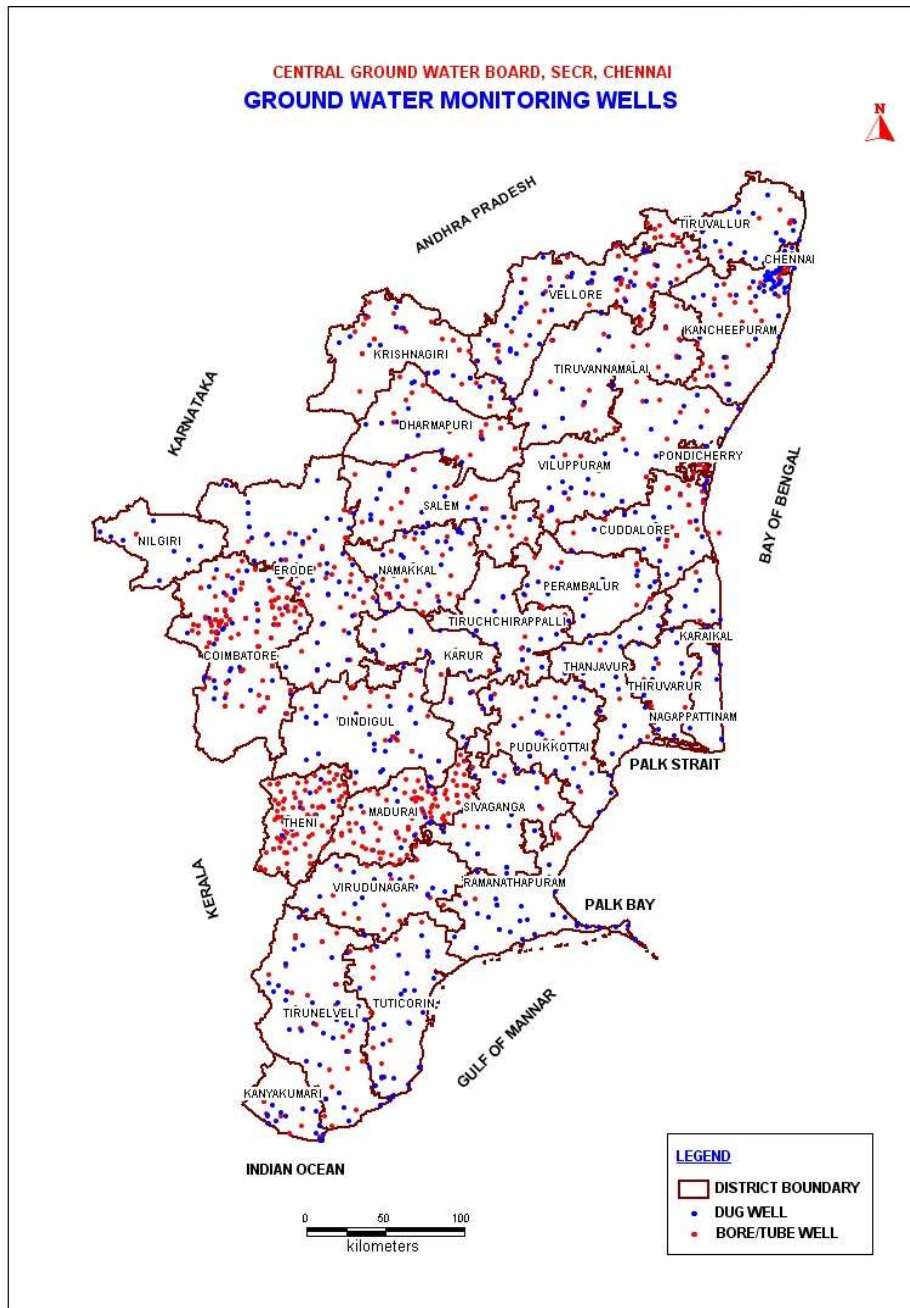
The results of the chemical analysis of water samples collected from Ground Water Monitoring Wells during May 2021 are also discussed.

The status of district-wise break-up of Ground Water Monitoring Wells is given in **Table-2** and their locations are shown in **Plate I**. The district-wise depth to water level data of the dugwells and depth to piezometric surface of piezometres for the measurements during May 21 (Only 569 wells), August 2021, November 2021 and January 2022 are given as **Annexures I & II**.

**TABLE-1: Number of Ground Water Monitoring Wells in**

PERIOD OF MEASUREMENT	No. OF WELLS MONITORED		
	DUG WELLS	PIEZOMETERS / TUBEWELLS	TOTAL
May 2021	365	224	569
August 2021	758	432	1190
November 2021	741	384	1125
January 2022	736	424	1160

**Tamil Nadu & U.T. of Puducherry during 2021-2022**  
**Plate-I**



<b>Table-2: District wise break up of Monitoring stations in Tamil Nadu&amp; Puducherry, Karaikal regions of U.T.of Puducherry</b>									
<b>S.No</b>	<b>District</b>	<b>May-21</b>		<b>Aug-21</b>		<b>Nov-21</b>		<b>Jan-22</b>	
		DW	PZ	DW	PZ	DW	PZ	DW	PZ
1.	Tirunelveli	30	20	30	20	30	19	33	21
2.	Tuticorin	23	11	23	11	22	11	23	11
3.	Virudhunagar	13	9	13	9	13	9	11	9
4.	Kanyakumari	12	7	12	7	11	6	12	7
5.	Dindigul	28	9	28	12	28	11	25	11
6.	Theni	14	24	13	27	12	26	13	29
7.	Madurai	13	30	19	34	17	33	17	31
8.	Pudukkottai	0	0	19	8	20	6	22	8
9.	Ramanathapuram	0	0	24	1	27	1	23	1
10.	Sivaganga	0	0	10	5	8	5	10	5
11.	Namakkal	0	0	45	13	44	10	44	9
12.	Erode	0	0	55	53	57	47	59	52
13.	Dharmapuri	23	7	21	6	20	7	23	7
14.	Salem	44	11	45	10	42	11	45	11
15.	Krishnagiri	6	2	16	9	17	9	18	7
16.	Vellore	17	8	34	13	32	12	26	13
17.	Villupuram	6	3	33	14	33	9	29	12
18.	Perambalur	0	0	16	5	15	4	16	4
19.	Ariyalur	0	0	10	13	9	13	8	14
20.	Cuddalore	25	46	29	49	30	30	30	44
21.	Pondicherry	5	7	5	7	5	7	5	7
22.	Tiruchirappalli	0	0	41	6	39	4	39	6
23.	Thiruvarur	0	0	7	0	7	0	7	0
24.	Thanjavur	0	0	18	0	17	0	16	
25.	Nagapattinam	0	0	16	3	16	3	16	3
26.	Karaikal	0	0	4	0	4	0	4	0
27.	Karur	0	0	12	7	11	7	12	7
28.	Tirupur	0	0	15	11	16	10	17	10
29.	Nilgiri	0	0	8	1	8	1	8	1
30.	Coimbatore	0	0	20	47	21	47	20	51
31.	Kancheepuram	43	14	46	12	42	12	44	15
32.	Tiruvannamalai	14	10	20	12	19	9	17	11
33.	Chennai	13	3	12	3	14	2	12	3
34.	Tiruvallur	36	3	39	4	35	3	32	4
	<b>Total</b>	<b>365</b>	<b>224</b>	<b>758</b>	<b>432</b>	<b>741</b>	<b>384</b>	<b>736</b>	<b>424</b>

Background information on physiography and drainage, rainfall, hydrogeological conditions, ground water resources development of the

state are also furnished in brief for better understanding of the behaviour of water table.

## **PHYSIOGRAPHY**

The state of Tamil Nadu is divided into four physiographic units viz. (i) Coastal Plains, (ii) Eastern Ghats, (iii) Central Plateau and (iv) Western Ghats. The coastal plains stretch over a distance of about 998 km. from Pulicat Lake to Cape Comorin, ranging in elevation between 2 and 30 m above mean sea level. The coastal plains are further sub-divided into (a) the Coromandel Coast comprising parts of the districts of Tiruvallur, Kancheepuram and Cuddalore, (b) the alluvial plain of Cauvery delta extending over Nagappattinam, Thanjavur Thiruvarur districts and (c) the dry southern plains comprising parts of Pudukkottai, Ramanathapuram, Tuticorin, Tirunelveli and Kanyakumari districts.

The chain of flat-topped hills of Javadis, the Shevroy, the Kalrayan and the Pachamalai hills, which are joining Cardamom hills in the south, form the Eastern Ghats. These hills rise steeply above plateau level to 1160 m above mean sea level in the Javadi hills and to 1645 m above mean sea level in the Shevroy hills.

Between the Eastern and Western Ghats lies the plateau area known as the "Central Plateau" comprising the districts of Erode and Coimbatore with elevations between 150 and 610 m above mean sea level thereby giving rise to an undulating topography. West of the region lies the broad Palghat gap between the Nilgiri and Anaimalai Hills. Between Cauvery River and the Palghat gap lies an extensive low plateau rising gradually from 120 to 180 m above mean sea level, along the tributaries of the Cauvery River, to 365 to 455 m above mean sea level in the west.

The plateau is fringed on the west by a group of high hills known as the Western Ghats, comprising the western part of the Nilgiri, Madurai and Kanyakumari districts. On the other side of the Palghat gap, the high mountains of the Peninsula dominate. These are the Nilgiri in the north, Anaimalai Hills, Palani and Cardamom hills in the south, with a summit level of 1830 to 2440 m above mean sea level rising sharply from the plateau.

## **DRAINAGE**

The state of Tamil Nadu is drained by several major and minor rivers. All the major rivers originate in the Western Ghats and flow eastwards. The Palar, Ponnaiyar, Cheyyar, Kortallaiyar and Araniyar are the important rivers in the north, which are ephemeral and cutting across the centre of the state is the river Cauvery. The Cauvery delta consists of a gently sloping alluvial plain covering an area of 11,600 sq. km. and amongst its

tributaries the Bhavani and Amaravathi form the most important sources of canal irrigation in the state. Bhavani, Noyil and Amaravathi rivers originate in the hill ranges of Nilgiri and Anaimalais and flow through matured valleys across the plateau.

The important rivers flowing in the southern part of Tamil Nadu are (i) Vellar (ii) Vaigai (iii) Vaippar and (iv) Tambaraparani. Of these, Tambaraparani River is only perennial, forming a good source of canal irrigation. There are several other minor and less important rivers in the state. Besides these, there are a number of smaller rivers such as the Aliyar, Sholaiyar, Parambikulam Ar, etc. flowing westwards. Except the perennial rivers, all the rivers remain dry for a good number of months in a year and are not suitable for development of power and major irrigation works. The Pulicat Lake and Kaliveeli tank are the important lagoons.

The rivers of the state flow in broad and shallow valleys graded almost to their heads with only slight interruptions of profiles when they pass through the Eastern Ghats. The Western Ghats form the main watershed of the state having numerous waterfalls and Courtallam Falls (91.5 m) is one of the important waterfalls of the state.

### **DISTRIBUTION OF RAINFALL DURING GROUND WATER YEAR 2021-2022**

Rainfall data corresponding to the measurement of water level has been downloaded from the website of India Meteorological Department. As per IMD's classification of monsoon performance over a meteorological subdivision, if the amount of rainfall received over a region (expressed as PDN) is between -19% and +19%, the monsoon performance is termed as *normal*. If the PDN is between -20% and -59%, the region comes under *deficient* category, if PDN is less than or equal to -60%, the region falls under *scanty* category, PDN of +20% to +59% indicates *excess* rainfall category and if the PDN is greater than or equal to +60%, it is termed as *large excess*.

#### **South West Monsoon (01st June to 30th Sep)**

During SWM 2021 Tamilnadu and Pondicherry and Karaikal received *normal* rainfall. The cumulative seasonal (01st June to 30th Sep) rainfall figures for the state and UT of Puducherry is given below (**Table-1**):

**Table-1: Seasonal sub divisional rainfall distribution the SWM season, 2020 (01<sup>st</sup> June-30 Sep 2020)**

SUB-DIVISION	Actual rainfall (mm)	Normal rainfall (mm)	Percentage departure from normal (%)
TAMILNADU, PDC and KKL (TN)	393.4	336.1	+17%



### Monthly sub divisional rainfall

The monthly sub divisional rainfall scenario is presented in Table-2. During the SWM 2021, in July Tamilnadu and Puducherry continued to be deficient.

**Table-2: Monthly sub divisional rainfall performance during SWM 2021**

Sub-division	June			July			Aug			Sep		
	ACL (mm)	NOR (mm)	PDN (%)	ACL (mm)	NOR (mm)	PDN (%)	ACL (mm)	NOR (mm)	PDN (%)	ACL (mm)	NOR (mm)	PDN (%)
TN	62.3	51.7	21	124.6	73.3	70	88.9	92.8	-4	117.6	118.3	-1

Largely Deficient	Deficient	Normal	Excess	Large Excess
≤ -60%	-20% to -59%	-19% to +19%	+20% to +59%	≥ +60%

### District-wise seasonal rainfall distribution

Fig. presents the district rainfall distribution as percentage departures from normal over the Tamilnadu and UT of Puducherry during the period Jun-Sep 2021.

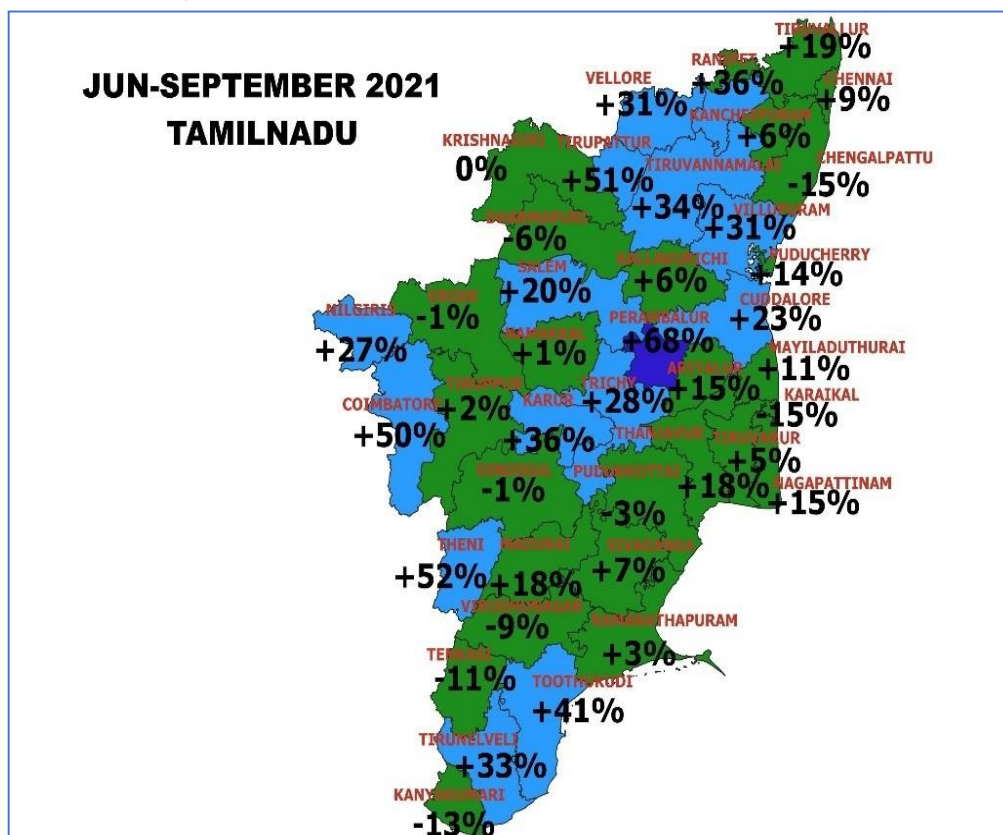


Fig.2 District wise rainfall distribution as percentage departures from normal over the Tamilnadu and UT of Puducherry

Tamil Nadu with 38 districts had 424.1 mm rain, 17% above average rainfall. Two districts (Theni 52% above normal) and Tiruppur (111% above normal) were in Excess category and three districts (Chengalpattu 15%, Kanyakumari 13%, and Tenkasi 11% below normal) was in Deficit category. In the seasonal scale TN reported 73 days of *heavy* rainfall occurrences with 27 days of *isolated very heavy* rainfall and 6 days of *isolated extremely heavy* rainfall during the season.

**Table-3: District-wise list of stations & dates of *very heavy -extremely heavy* rainfall alongwith the respective rainfall amounts during the SWM 2021**

<b>Tamil Nadu</b>	
Tiruchirapalli	Jun: 03 <sup>rd</sup> :Navalur Kottapattu-12 Aug: 10 <sup>th</sup> : Trichy Airport -12
Kanyakumari	Jun: 04 <sup>th</sup> :Chittar-14, Sivalogam-12 Sep: 27 <sup>th</sup> : Kalia -17, Kuzhithurai -15, Pechiparai -15, Suralacode -14, Thuckalay -13, Kanyakumari -12, Nagercoil -12
Sivaganga	Jun: 05 <sup>th</sup> :Tirupuvanam-12 Sep: 25 <sup>th</sup> :Devakottai -14
Pudukottai	Jun: 06 <sup>th</sup> :Tirumayam-19
Nilgiris	Jun: 16 <sup>th</sup> :Avalanche-14; 17 <sup>th</sup> :Avalanche-21, Upper Bhavani-12 18 <sup>th</sup> :Upper Bhavani-22, Avalanche-13, Chamraj Estate-13; 18 <sup>th</sup> :Avalanche-12 Jul: 23 <sup>rd</sup> :Avalanche-16, Naduvattam -14, Upper Bhavani-13, Glenmorgan-12; 24 <sup>th</sup> :Avalanche-15; 26 <sup>th</sup> :Pandalur Taluk office-16 Sep: 09 <sup>th</sup> : Devala-16; 14 <sup>th</sup> : Pandhalur -12
Madurai	Jul: 02 <sup>nd</sup> :Andipatti-13
Tiruvarur	Jul: 05 <sup>th</sup> :Kodavasal-12
Thiruvannamalai	Jul: 08 <sup>th</sup> :Kalasapakkam- 13 Aug: 27 <sup>th</sup> : Kalasapakkam -14 Sep: 02 <sup>nd</sup> : Kalasapakkam -12; 21 <sup>st</sup> : Kalasapakkam -16; 22 <sup>nd</sup> : Kalasapakkam -13
Kallakurichi	Jul: 09 <sup>th</sup> :Kalayanallur -14, Sulankurichi-13, Eraiyur-13
Coimbatore	Jul: 23 <sup>rd</sup> :Valparai PTO-12; 24 <sup>th</sup> :Valparai Pto-17, Cincona-17, Sholayar-13, Valparai PAP-13, Taluk Office-13, Chinnakalar-12 Sep: 28 <sup>th</sup> :Chinnakalar-13
Tiruvallur	Aug: 10 <sup>th</sup> :Tiruvallur-13
Thanjavur	Aug: 25 <sup>th</sup> : Thanjavur -14
Krishnagiri	Sep: 02 <sup>nd</sup> : Krishnagiri -13
Salem	Sep: 03 <sup>rd</sup> : Yethapur -13; 04 <sup>th</sup> : Yercaud -13
Ramanathapuram	Sep: 18 <sup>th</sup> : Tiruvadana -12
Villupuram	Sep: 21 <sup>st</sup> : Manampoondi -16; 26 <sup>th</sup> : Marakkanam -13
Tiruppur	Sep: 24 <sup>th</sup> : Tiruppur Collectrate -18

**Table-4: Subdivision-wise frequency of heavy rainfall days over the SP region during 1<sup>st</sup> June-30<sup>th</sup> Sep 2021**

Subdivision	No. of days of Heavy rainfall (Rainfall $\geq$ 7 cm/day)		
	<i>Extremely Heavy</i> ( $\geq$ 21 cm/day)	<i>Very Heavy</i> ( $\geq$ 12 cm/day)	<i>Heavy</i> ( $\geq$ 7 cm/day)
TAMIL NADU, PDC and KKL	2	20	73

**Table-5: District rainfall performance over various sub divisions of the SP region during June-September, 2021**

Met. Sub division	Total No. of districts	No. of districts under various categories of monsoon performance				
		<i>Large Excess</i>	<i>Excess</i>	<i>Normal</i>	<i>Deficient</i>	<i>Large Deficient</i>
TAMIL NADU, PDC and KKL	40	1	15	24	0	0

**Table-6: Terminologies for description of intensity of rainfall**

Sl No.	Terminology	Rainfall range inmm	Rainfall range incm	Percentile
1	<i>Very Light Rainfall</i>	Trace – 2.4		
2	<i>Light Rainfall</i>	2.5 – 15.5	Up to 1	Up to 65
3	<i>Moderate Rainfall</i>	15.6 – 64.4	02 – 06	65 – 95
4	<i>Heavy Rainfall</i>	64.5 – 115.5	07 – 11	95 – 99
5	<i>Very Heavy Rainfall</i>	115.6 – 204.4	12 – 20	99.0 – 99.9
6	<i>Extremely Heavy Rainfall</i>	Greater than or equal to 204.5 mm	21 cm or more	>99.9
7	<i>Exceptionally Heavy Rainfall</i>	When the amount is a value near about the highest recordedrainfall at or near the station for the month or season. However, this term will be used only when the actualrainfall amount exceeds 12 cm.		

### North East Monsoon 2021

The northeast monsoon (NEM), a small scale monsoon confined to parts of southern peninsular India comprising of the meteorological sub-divisions of Tamil Nadu, Puducherry & Karaikal (TN), Kerala & Mahe (KER), Coastal Andhra Pradesh & Yanam (CAP), Rayalaseema (RYS) and South Interior Karnataka (SIK) occurs. For the

subdivision of TN, the normal SWM seasonal rainfall realised is only about 36% (336.1 mm) of its annual rainfall (939.3 mm) as this subdivision comes under the rain-shadow region during the SWM. The northeast monsoon (NEM) season of October to December (OND) is the chief rainy season for this subdivision with 48%

State	No. of days				
	Widespread	Fairly widespread	Scattered	Isolated	Dry
Tamilnadu & Puducherry	14	27	25	16	10

(449.7 mm) of its annual rainfall realised during this season. DURING 2021, THE NORTHEAST MONSOON RAINFALL WAS NORMAL (-19% TO +19%) OVER IN TN, (59%).

**Table-7: Sub-divisional seasonal rainfall during October-December 2021**

Subdivision	01 <sup>st</sup> October – 31 <sup>st</sup> December 2021		
	Actual (mm)	Normal (mm)	PDN (%)
TAMIL NADU, PUDUCHERRY & KARALKAL	714.3	449.6	+59%

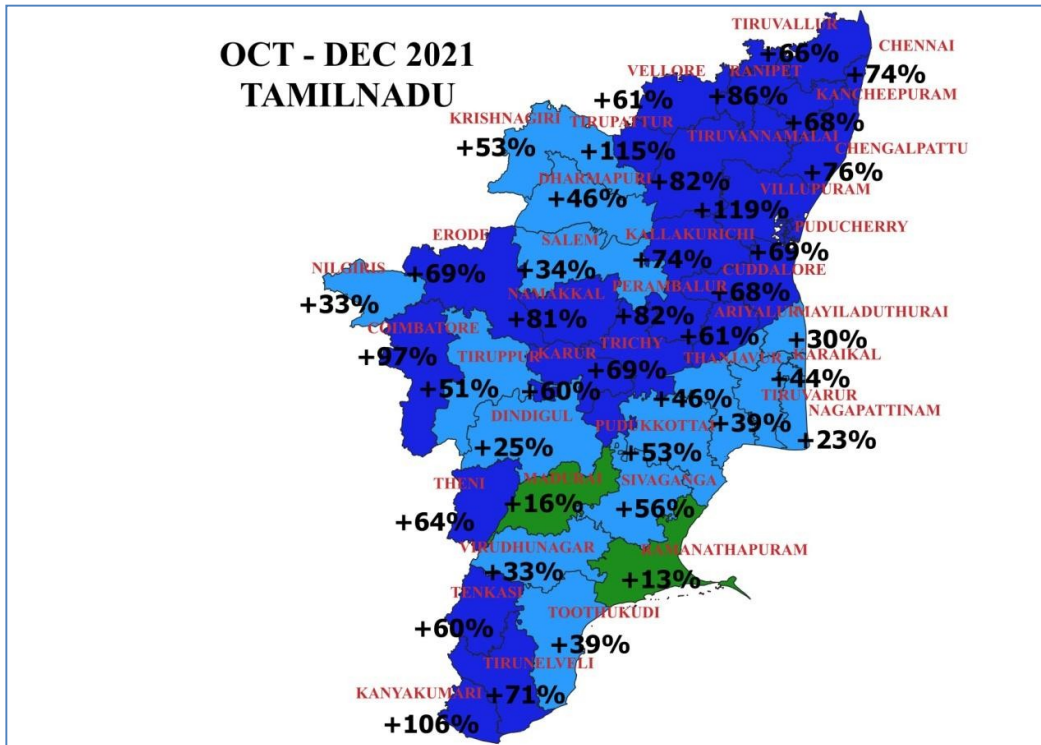
**Table-8: Frequency of various categories of spatial rainfall distribution during October to December 2021**

The intra-seasonal rainfall distribution during Oct-Dec 2021 is presented in monthly, scales. Month-wise rainfall statistics are presented in Table-9.

**Table-9: Sub-divisional monthly rainfall during NEM 2021**

Sub- division	OCT			NOV			DEC		
	Actual (mm)	Normal (mm)	PDN (%)	Actual (mm)	Normal (mm)	PDN (%)	Actual (mm)	Normal (mm)	PDN (%)
TN, Puducherry & Karaikal	228.6	177.6	29%	425.3	179.5	+137%	60.4	92.6	-35%

It is observed that 15-25 days of *active* to *vigorous* monsoon conditions prevailed over TN during the season. Regarding heavy rainfall occurrences ( $\geq 7$  cm/day), TN experienced isolated *heavy* rainfall activity on 50 days during the season, out of which, 16 days were with isolated *very heavy* falls.



**Table-10: List of very heavy to extremely heavy rainfall events**

District	Date, Station and 24-hr accumulated rainfall (in cm) (ending 0830 IST of the specified date)
<b>Tamil Nadu, Puducherry &amp; Karaikal</b>	
Tirunelveli	Papanasam - <b>27</b>
Kanyakumari	Pechiparai- <b>22</b>
Salem	Yethappur - <b>21</b>
Chennai	Mylapore DGP office- <b>23</b> ; NBK- <b>21</b>
Tiruvallur	Ambattur - <b>21</b>
Nagapattinam	Nagapattinam, Thirupoondi – <b>31 each</b> ; Vedaranyam- <b>25</b> ; Thalaignayer - <b>24</b>
Karaikal	Karaikal - <b>29</b>
Thiruvarur	Thiruthuraiipoondi - <b>22</b>
Chengalpattu	Tambaram - <b>23</b>
Thiruvallur	Cholavaram – <b>22</b> ; Ennore AWS - <b>21</b>
Kanyakumari	Perunchani Dam, Puthan Dam – <b>22 each</b>
Villupuram	Tindivanam, Koliyanur, Vallam, Valavanur - <b>22 each</b> ; Manampoondi - <b>21</b>
Thootukudi	Kayalpattinam- <b>31</b> , Tuticorin- <b>27</b> , Tiruchendur- <b>25</b>
Chennai	Mylapore DGP office – <b>24</b> ; MRC Nagar - <b>21</b>
Tiruvallur	Avadi - <b>23</b>

<b>Largely Deficient</b>	<b>Deficient</b>	<b>Normal</b>	<b>Excess</b>	<b>Large Excess</b>
≤ -60%	-20% to -59%	-19% to +19%	+20% to +59%	≥+60%

## **SOILS**

The soils of the state can be broadly divided into three type's viz. (1) Red (2) Black and (3) Alluvial soils, of which red soils are the most prominent type. Red soils are found in every district of the state but occupy major parts of the Madurai and Vellore districts. More than 63% of the areal extent of Tiruvallur, Kancheepuram, Salem, Coimbatore, Tirunelveli and Tiruchchirappalli districts is covered by the red soils. Some patches of arenaceous soils are also found along the coastal line. Almost all the alluvial soils in the state are confined to the deltaic regions of the Cauvery River in Cuddalore, Nagapattinam, Tiruvarur, Thanjavur and Tiruchchirappalli districts. Black soils are seen mostly in parts of Ramanathapuram, Cuddalore, Tirunelveli and Thanjavur districts.

## **HYDROGEOLOGY**

The state of Tamil Nadu is underlain by geological formations ranging in age from Archaean to Recent. The crystalline rocks of Archaean age like granites, gneisses, charnockites, etc., are of considerable interest as they occupy nearly 73% of the total geographical area of the state. Semi consolidated and consolidated formations ranging in age from Mesozoic to Recent overlie the crystalline basement and their occurrence is confined to the east coast only. The general stratigraphic succession of the formations in the state is presented in Table-4.

**TABLE-4: STRATIGRAPHIC SUCCESSION OF GEOLOGICAL FORMATIONS IN TAMIL NADU & U.T. OF PUDUCHERRY**

<b>ERA</b>	<b>AGE</b>	<b>STAGE</b>	<b>LITHOLOGY</b>
Quaternary	Recent Pleistocene	- -	Soil, alluvium and beach sands Boulder conglomerates, older alluvium and laterites.
Tertiary	Pliocene Miocene	Karaikal beds Cuddalore Sandstone	Sands and clay with fossils, Mottled and friable sandstones, buff coloured clays and gravels.
Mesozoic	Cretaceous	Ninniyur	Arenaceous limestones and sandstones.
		Ariyalur	Sandstones and clays
		Trichirapallai	Sandstones, clays and shell limestones
		Uttattur	Basal limestones, coral clays and sandy beds
	Jurassic	Satyavedu	Ferruginous sandstones and conglomerates
		Sriperumbudur	Clays, shales and feldspathic sandstones
- Unconformity -			
Azoic	Archaean	Archaean	Gneisses, charnockites and ultra-basic intrusives.

The crystalline complex of the Archaean age forms the oldest of the rock types in the state. Pink and grey granites are exposed in Cuddalore, Villuppuram, Coimbatore, Madurai and Tirunelveli districts. Rocks of the Khondalite group are well exposed in the southern districts of Tamil Nadu. The ultra-mafic rocks are widespread in the districts of Vellore, Dharmapuri, Coimbatore and Salem. Charnockite is more prominent in the northwestern part of Tamil Nadu and is well exposed in the hill ranges of Javadi, Shevroy, Palani and Nilgiris.

The Mesozoic era is represented by the upper Gondwanas of Jurassic age and marine beds of Cretaceous age. The Gondwana beds occur as patches spread over nearly 2001 sq. km. in Tiruvallur, Kancheepuram and Vellore districts. The Cretaceous beds are well exposed in Tiruchchirappalli district. The Cretaceous beds overlie the granitic gneisses and charnockites along the western fringe and by alluvium in the north. They are also exposed in Vriddhachalam area of Cuddalore district.

The important Tertiary formations in the state include the Cuddalore sandstones, Karaikal beds and Conjeevaram gravels. They occur in a wide stretch and extend from Karaikudi through Pudukkottai, Thanjavur, Cuddalore, Puducherry to Chennai. Alluvium and coastal sands in the coastal tract and in river valleys overlie them. The Panamparai sandstones of sub-Recent age occur along the coastal tract of Tirunelveli district.

The nature of the geological formations and the structural features are the principal factors governing the occurrence and movement of ground water in any hydrogeological environment.

Ground water in the hard rocks occurs in the weathered zones ranging in thickness from less than a metre to 25 m and in the underlying fractured and sheared zones. It occurs under water table conditions at shallow levels and under semi-confined to confined conditions in the fractured, jointed and sheared zones as seen in Coimbatore, Salem, Dharmapuri, Madurai districts, etc. In the sedimentaries, ground water occurs under water table and confined conditions.

## **II. DEPTH TO WATER LEVEL**

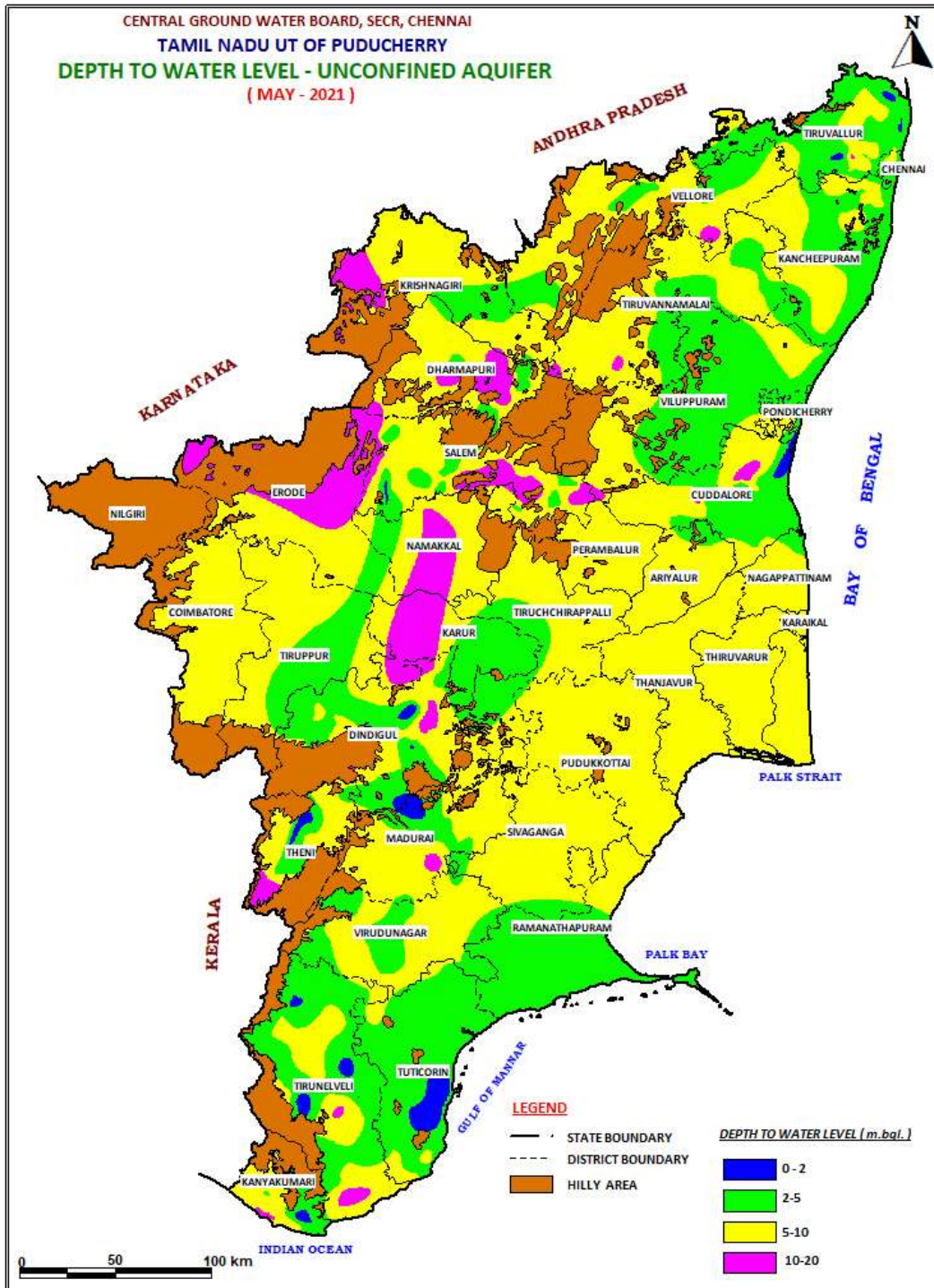
### **MAY 2021**

The statement showing the distribution of Ground Water Monitoring wells along with depth to water level of phreatic aquifer in different depth ranges is presented in Table-4 and Plate-IV the behavior of ground water table during May 2021 in Tamil Nadu has been studied by monitoring the dug/Tube wells. The water level data were analysed in detail and salient features are as under.

1. The depth to water level recorded from 0.05 to 17.5 m bgl. Depth to water level over major part of the State (91% of the wells) except western districts, are < 10m bgl. Whereas the western districts have recorded water level of > 10 m bgl. Water levels < 2 m is observed in 8 % of wells spreaded as isolated patches in more number of districts particularly in Cuddalore, Kancheepuram, Kanyakumari, Salem, Pudukottai, Tirunelveli, Tiruvallur, Theni, Madurai, Chennai, Pondicherry, Dindigul, Tuticorin districts.
2. More than 50% of wells of Cuddalore, Chennai, Kancheepuram, Villupuram, Tirunelveli, Tiruvarur and Tuticorin districts have recorded water level between 2 and 5 mbgl.
3. More than 50% of wells of Virudhunagar, Kanyakumari, Krishnagiri, Theni and Tiruvannamalai districts have recorded water level in 5 – 10 m bgl range, 9% are showing water level in 10-20 m bgl which are scattered in Tirunelveli, Virudhunagar, Kanyakumari, Dharmapuri, Krishnagiri, Vellore, Madurai, Dindigul, Cuddalore, Kancheepuram, Tiruvannamalai, Tiruvallur, Salem, and Theni districts



<b>Table-4: Depth to Water Table (May 2021)</b>							
<b>Distribution of Percentage of Observation Wells</b>							
<b>District</b>	<b>No. of Wells Analysed</b>	<b>Depth to Water Table(mbgl)</b>					
		<b>No. of Wells Showing Depth to Water Table (mbgl) in the Range of</b>					
		<b>0-2</b>	<b>2-5</b>	<b>5-10</b>	<b>10-20</b>	<b>20-40</b>	<b>&gt;40</b>
Tirunelveli	30	4	14	10	2	0	0
Tuticorin	23	4	15	4	0	0	0
Virudhunagar	13	0	5	7	1	0	0
Kanyakumari	12	1	4	6	1	0	0
Dindigul	28	3	12	9	4	0	0
Theni	14	2	3	7	2	0	0
Madurai	13	1	4	6	2	0	0
Pudukkottai	0	0	0	0	0	0	0
Ramanathapuram	0	0	0	0	0	0	0
Sivaganga	0	0	0	0	0	0	0
Namakkal	0	0	0	0	0	0	0
Erode	0	0	0	0	0	0	0
Dharmapuri	23	0	6	10	7	0	0
Salem	44	4	13	20	7	0	0
Krishnagiri	6	0	2	3	1	0	0
Vellore	17	0	6	9	2	0	0
Villupuram	6	0	4	2	0	0	0
Perambalur	0	0	0	0	0	0	0
Ariyalur	0	0	0	0	0	0	0
Cuddalore	25	3	15	5	2	0	0
Pondicherry	5	1	2	2	0	0	0
Tiruchirappalli	0	0	0	0	0	0	0
Thiruvarur	0	0	0	0	0	0	0
Thanjavur	0	0	0	0	0	0	0
Nagapattinam	0	0	0	0	0	0	0
Karaikal	0	0	0	0	0	0	0
Karur	0	0	0	0	0	0	0
Tirupur	0	0	0	0	0	0	0
Nilgiri	0	0	0	0	0	0	0
Coimbatore	0	0	0	0	0	0	0
Kancheepuram	43	1	22	19	1	0	0
Tiruvannamalai	14	0	5	8	1	0	0
Chennai	13	1	9	3	0	0	0
Tiruvallur	36	3	21	11	1	0	0
<b>Total</b>	<b>365</b>	<b>28</b>	<b>162</b>	<b>141</b>	<b>34</b>	<b>0</b>	<b>0</b>
<b>%</b>		<b>7.67</b>	<b>44.3</b>	<b>38.6</b>	<b>9.3</b>	<b>0</b>	<b>0</b>

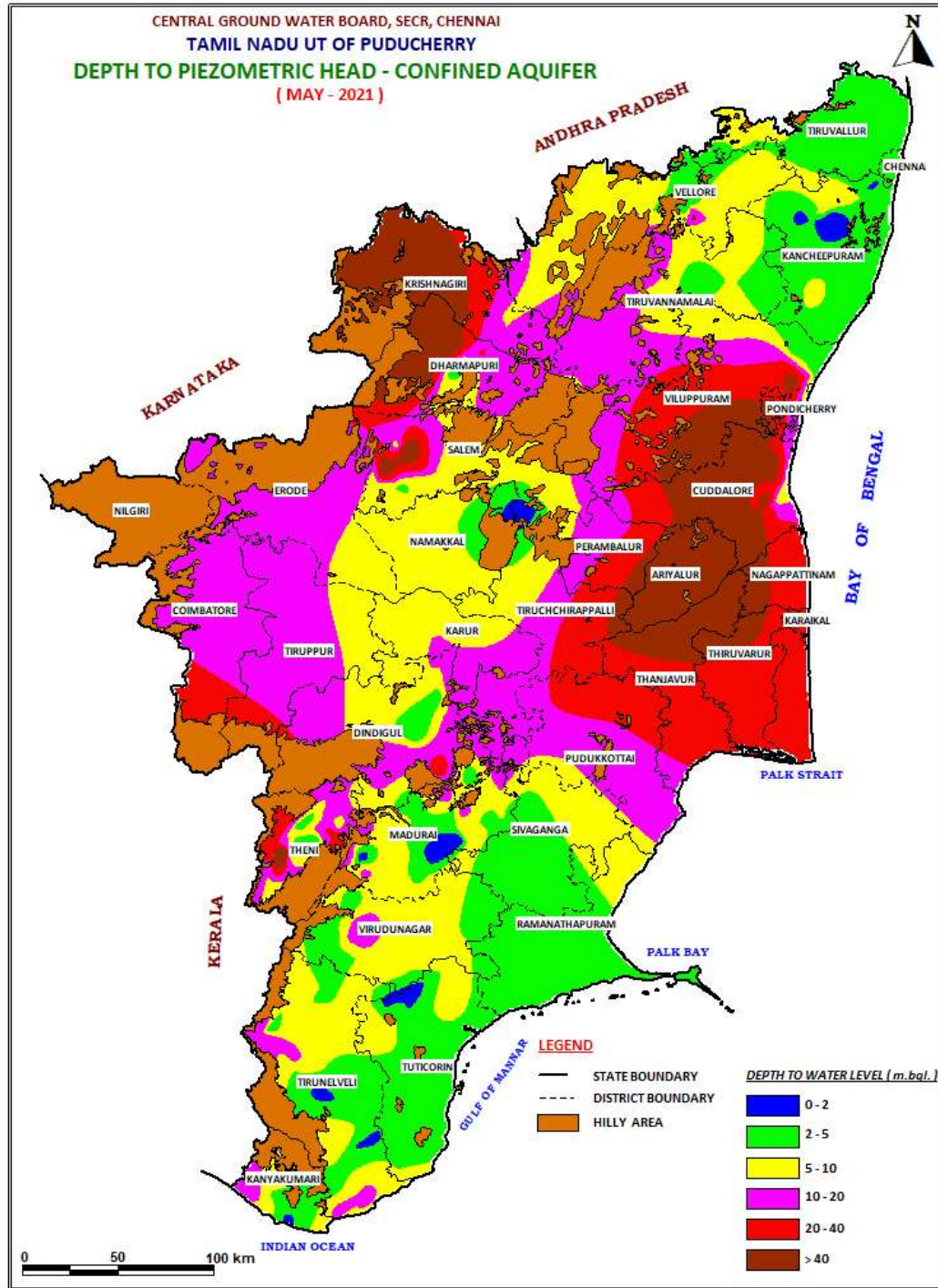


### **Depth to Piezometric Surface:**

Depth to piezometric surface has been recorded from piezometers spread all over the state both in hardrock and soft rock areas. The statement showing the depth to piezometric surface is given in **Table-5**. The ground water scenario of Confined aquifer May 2021 is presented in **Plate-V**. Salient features of the depth to piezometric surface during May 2021 are given below.

1. The piezometric surface ranged from 0.5 (Kancheepuram district) m to 109.5 m bgl (Cuddalore district).
2. 58 % of wells have recorded depth to piezometric surface within 10 mbgl.
3. 14.7 % of wells show depth to piezometric surface between 10 to 20 mbgl.
4. 9.8% of the wells recorded piezometric surface between 20 to 40mbgl.
5. 16.9 % of the wells recorded more than 40 mbgl.

<b>Table-5: Frequency distribution of depth to Piezometric surface (May 2021)</b>							
<b>District</b>	<b>No. of Wells Analysed</b>	<b>Depth to Piezometric surface in the range of (mbgl)</b>					
		<b>0-2</b>	<b>2-5</b>	<b>5-10</b>	<b>10-20</b>	<b>20-40</b>	<b>&gt;40</b>
Tirunelveli	20	3	9	4	4	0	0
Tuticorin	11	2	6	3	0	0	0
Virudhunagar	9	0	3	5	1	0	0
Kanyakumari	7	1	2	2	2	0	0
Dindigul	9	0	3	1	4	1	0
Theni	24	1	4	7	6	5	1
Madurai	30	4	8	12	6	0	0
Pudukkottai	0	0	0	0	0	0	0
Ramanathapuram	0	0	0	0	0	0	0
Sivaganga	0	0	0	0	0	0	0
Namakkal	0	0	0	0	0	0	0
Erode	0	0	0	0	0	0	0
Dharmapuri	7	0	1	2	2	1	1
Salem	11	1	1	6	0	1	2
Krishnagiri	2	0	0	1	1	0	0
Vellore	8	0	4	2	1	1	0
Villupuram	3	0	2	0	0	0	1
Perambalur	0	0	0	0	0	0	0
Ariyalur	0	0	0	0	0	0	0
Cuddalore	46	0	1	2	1	9	33
Pondicherry	7	0	0	1	2	4	0
Tiruchirappalli	0	0	0	0	0	0	0
Thiruvarur	0	0	0	0	0	0	0
Thanjavur	0	0	0	0	0	0	0
Nagapattinam	0	0	0	0	0	0	0
Karaikal	0	0	0	0	0	0	0
Karur	0	0	0	0	0	0	0
Tirupur	0	0	0	0	0	0	0
Nilgiri	0	0	0	0	0	0	0
Coimbatore	0	0	0	0	0	0	0
Kancheepuram	14	2	9	3	0	0	0
Tiruvannamalai	10	0	2	5	3	0	0
Chennai	3	1	2	0	0	0	0
Tiruvallur	3	1	1	1	0	0	0
<b>Total</b>	<b>224</b>	<b>16</b>	<b>58</b>	<b>57</b>	<b>33</b>	<b>22</b>	<b>38</b>
<b>%</b>		<b>7.14</b>	<b>25.8</b>	<b>25.4</b>	<b>14.7</b>	<b>9.8</b>	<b>16.9</b>



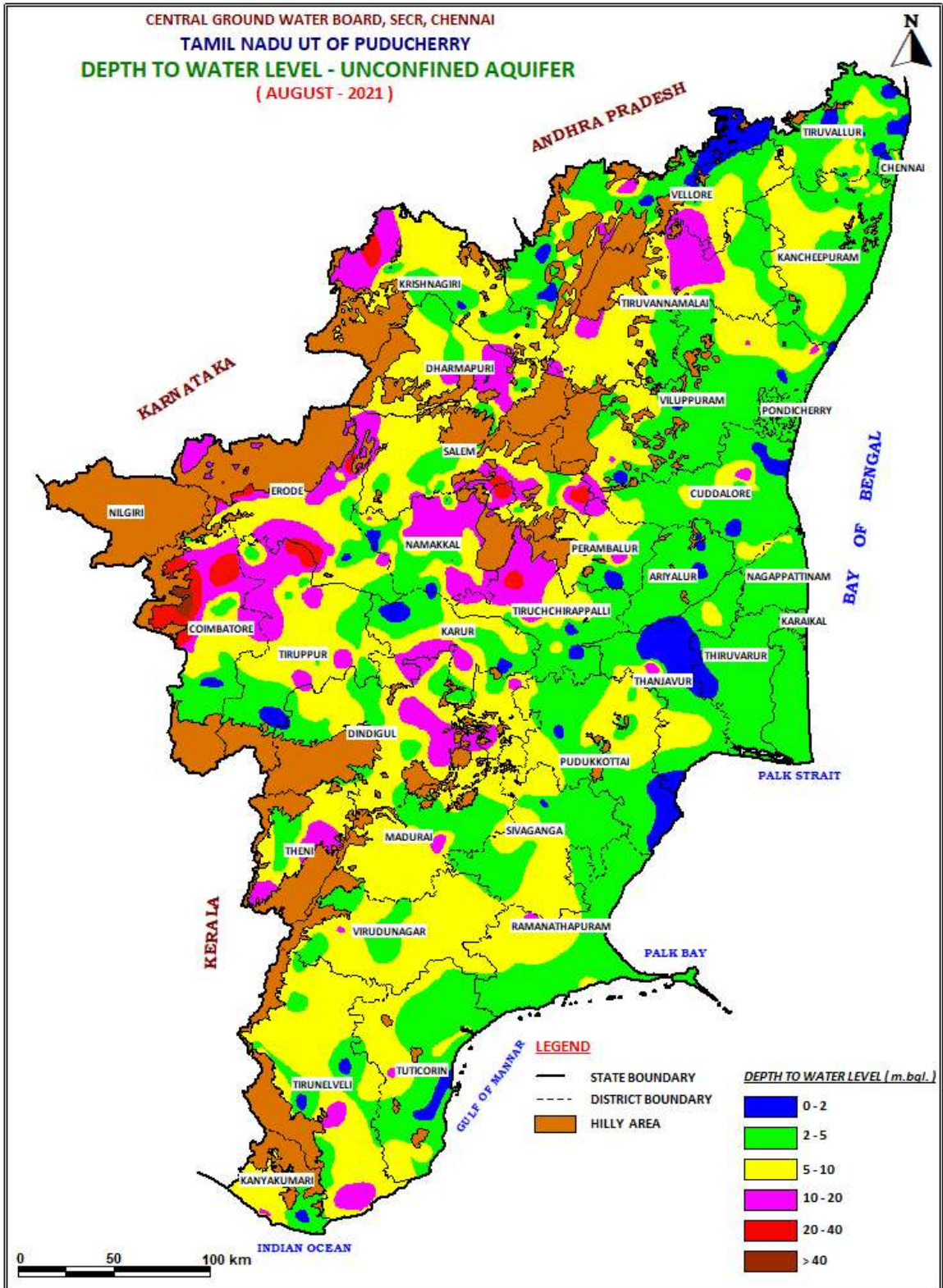
## August 2021

The statement showing the distribution of Ground Water Monitoring wells along with depth to water level of phreatic aquifer in different depth ranges is presented in **Table-6** and **Plate-VI** depicts the ground water scenario in August 2021. Salient features of the depth to water level scenario during August 2021 are given below.

1. The depth to water level recorded from 0.25 (Kancheepuram district) to 45.26 m bgl (Coimbatore district).
2. Depth to water level over major part of the State (85% of the wells), particularly in the central and Eastern parts are < 10m bgl. Where as the central and north western parts have recorded shows water level of > 10 mbgl.
3. Depth to water level in the range of >2 m bgl has been recorded in 11.4% of wells analysed
4. Depth to water level in the range of 2 to 5 m bgl has been recorded in 38.9% of wells analysed.
5. Depth to water level in the range of 5 to 10 m bgl has been recorded in 34.5% of wells analysed.
6. Depth to water level in the range of 10 to 20 m bgl has been observed in 13.3 % of wells analysed.
7. Depth to water level in the range of 20 to 40 m bgl has been observed in 1.5 % of wells analysed
8. Depth to water level in the range of more than 40 m bgl has been observed in 0.1 % of wells analysed
9. More than 50% of wells of Ariyalur, Ramanathapuram, Perambalur, Nagapattinam, Karaikal, Kancheepuram, Cuddalore, Puducherry and Tiruvarur districts have recorded water level in 2-5 m bgl range.
10. More than 50% of wells of Kanyakumari, Madurai, Theni, Tiruvannamalai, virudunagar and Erode districts have recorded water level in 5 – 10 m bgl range.

<b>Table-6: Depth to Water Table (August 2021)</b>							
<b>Distribution of Percentage of Observation Wells</b>							
<b>District</b>	<b>No. of Wells Analysed</b>	<b>Depth to Water Table(mbgl)</b>					
		<b>No. of Wells Showing Depth to Water Table (mbgl) in the Range of</b>					
		<b>0-2</b>	<b>2-5</b>	<b>5-10</b>	<b>10-20</b>	<b>20-40</b>	<b>&gt;40</b>
Tirunelveli	30	3	11	13	3	0	0
Tuticorin	23	4	8	10	1	0	0
Virudhunagar	13	0	5	7	1	0	0
Kanyakumari	12	1	3	7	1	0	0
Dindigul	28	2	11	10	5	0	0
Theni	13	0	2	9	2	0	0
Madurai	19	0	6	10	3	0	0
Pudukkottai	19	4	8	7	0	0	0
Ramanathapuram	24	1	17	5	1	0	0
Sivaganga	10	1	5	3	1	0	0
Namakkal	45	6	10	9	19	1	0
Erode	55	2	7	28	12	6	0
Dharmapuri	21	0	4	10	7	0	0
Salem	45	4	16	16	8	1	0
Krishnagiri	16	2	5	7	1	1	0
Vellore	34	9	13	8	4	0	0
Villupuram	33	5	16	10	2	0	0
Perambalur	16	1	9	5	1	0	0
Ariyalur	10	2	8	0	0	0	0
Cuddalore	29	3	16	9	1	0	0
Pondicherry	5	0	3	2	0	0	0
Tiruchirappalli	41	2	16	12	10	1	0
Thiruvarur	7	2	5	0	0	0	0
Thanjavur	18	5	8	4	1	0	0
Nagapattinam	16	3	12	1	0	0	0
Karaikal	4	0	4	0	0	0	0
Karur	12	2	4	3	3	0	0
Tirupur	15	1	5	6	3	0	0
Nilgiri	8	4	2	1	1	0	0
Coimbatore	20	1	5	5	6	2	1
Kancheepuram	46	3	25	18	0	0	0
Tiruvannamalai	20	0	6	10	4	0	0
Chennai	12	3	6	3	0	0	0
Tiruvallur	39	11	14	14	0	0	0
<b>Total</b>	<b>758</b>	<b>87</b>	<b>295</b>	<b>262</b>	<b>101</b>	<b>12</b>	<b>1</b>
<b>%</b>		<b>11.4</b>	<b>38.9</b>	<b>34.5</b>	<b>13.3</b>	<b>1.5</b>	<b>0.1</b>







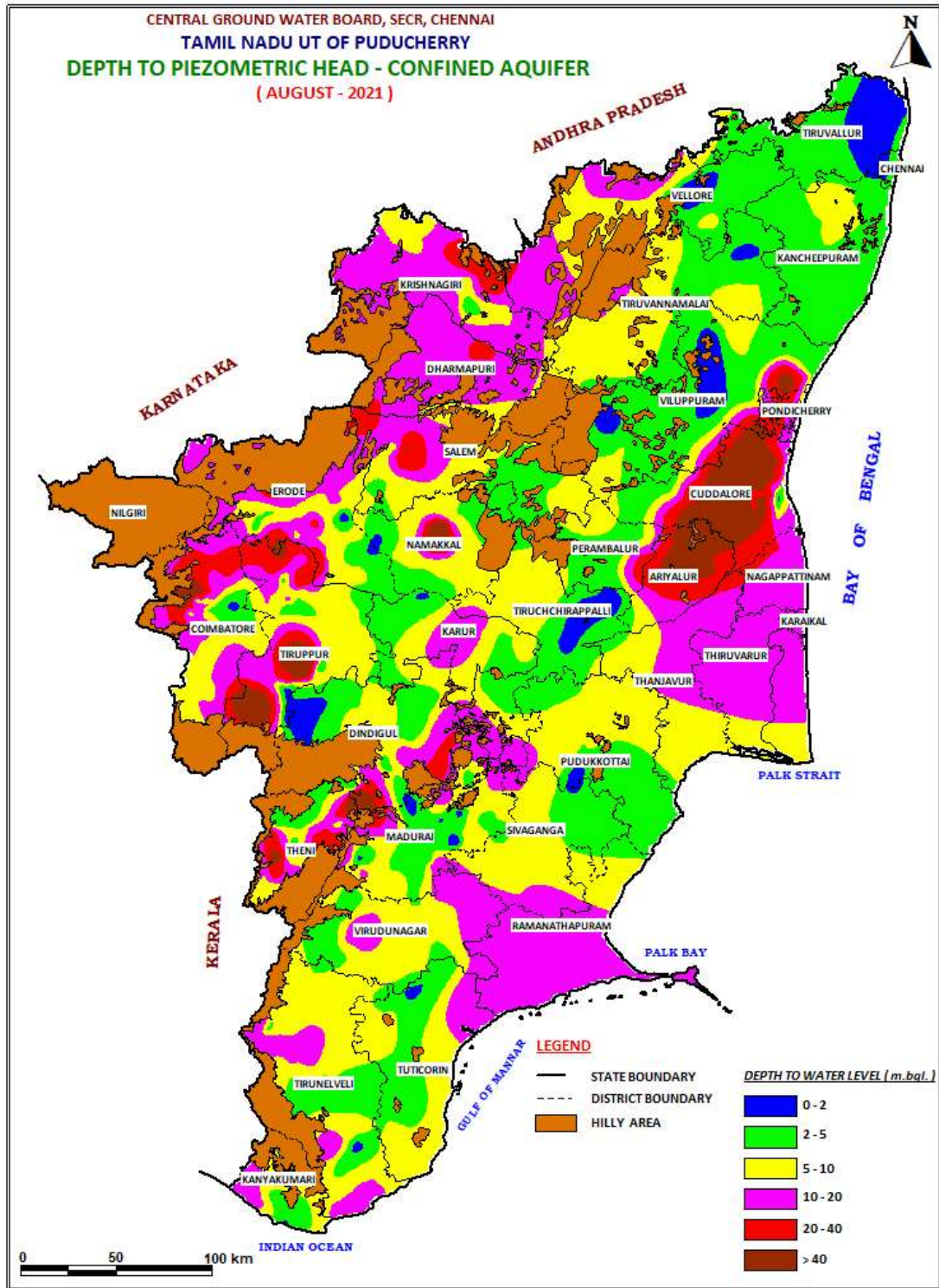
## **Depth to Piezometric Surface:**

Depth to piezometric surface has been recorded from piezometers spread all over the state both in hardrock and soft rock areas. The statement showing the depth to piezometric surface is given in **Table-7**. The ground water scenario of Confined aquifer in August 2021 is presented in **Plate-VII**. Salient features of the depth to piezometric surface during August 2021 are given below.

1. The piezometric surface ranged from 0.12(Vellore district) m to 195.4 m bgl (Cuddalore district).
2. 60.18 % of wells have recorded depth to piezometric surface within 10 mbgl.
3. 15.9 % of wells show depth to piezometric surface between 10 to 20 mbgl.
4. 11.3 % have recorded piezometric surface between 20 to 40mbgl.
5. 12.5% have recorded more than 50 mbgl.
6. More than 50% of wells of Cuddalore district have recorded Piezometric head in >50 m bgl range.

**Table-7: Frequency distribution of depth to Piezometric surface (August 2021)**

District	No. of Wells Analysed	Depth to Piezometric surface in the range of (mbgl)					
		0-2	2-5	5-10	10-20	20-40	>40
Tirunelveli	20	1	6	7	6	0	0
Tuticorin	11	1	5	5	0	0	0
Virudhunagar	9	0	2	5	2	0	0
Kanyakumari	7	1	2	2	2	0	0
Dindigul	12	0	5	1	5	1	0
Theni	27	1	4	7	4	8	3
Madurai	34	6	11	12	5	0	0
Pudukkottai	8	1	1	6	0	0	0
Ramanathapuram	1	0	0	0	1	0	0
Sivaganga	5	0	0	5	0	0	0
Namakkal	13	2	3	5	1	0	2
Erode	53	1	11	25	8	5	3
Dharmapuri	6	0	0	2	2	2	0
Salem	10	0	4	4	0	1	1
Krishnagiri	9	0	1	3	3	2	0
Vellore	13	4	2	5	2	0	0
Villupuram	14	3	6	4	0	0	1
Perambalur	5	0	5	0	0	0	0
Ariyalur	13	0	0	0	0	5	8
Cuddalore	49	1	2	2	4	8	32
Pondicherry	7	0	0	1	1	5	0
Tiruchirappalli	6	3	1	2	0	0	0
Thiruvarur	0	0	0	0	0	0	0
Thanjavur	0	0	0	0	0	0	0
Nagapattinam	3	0	0	1	1	1	0
Karaikal	0	0	0	0	0	0	0
Karur	7	1	3	2	1	0	0
Tirupur	11	2	0	7	1	1	0
Nilgiri	1	0	1	0	0	0	0
Coimbatore	47	1	7	6	19	10	4
Kancheepuram	12	1	8	3	0	0	0
Tiruvannamalai	12	1	3	7	1	0	0
Chennai	3	1	2	0	0	0	0
Tiruvallur	4	0	4	0	0	0	0
<b>Total</b>	<b>432</b>	<b>32</b>	<b>99</b>	<b>129</b>	<b>69</b>	<b>49</b>	<b>54</b>
<b>%</b>		<b>7.4</b>	<b>22.9</b>	<b>29.8</b>	<b>15.9</b>	<b>11.3</b>	<b>12.5</b>

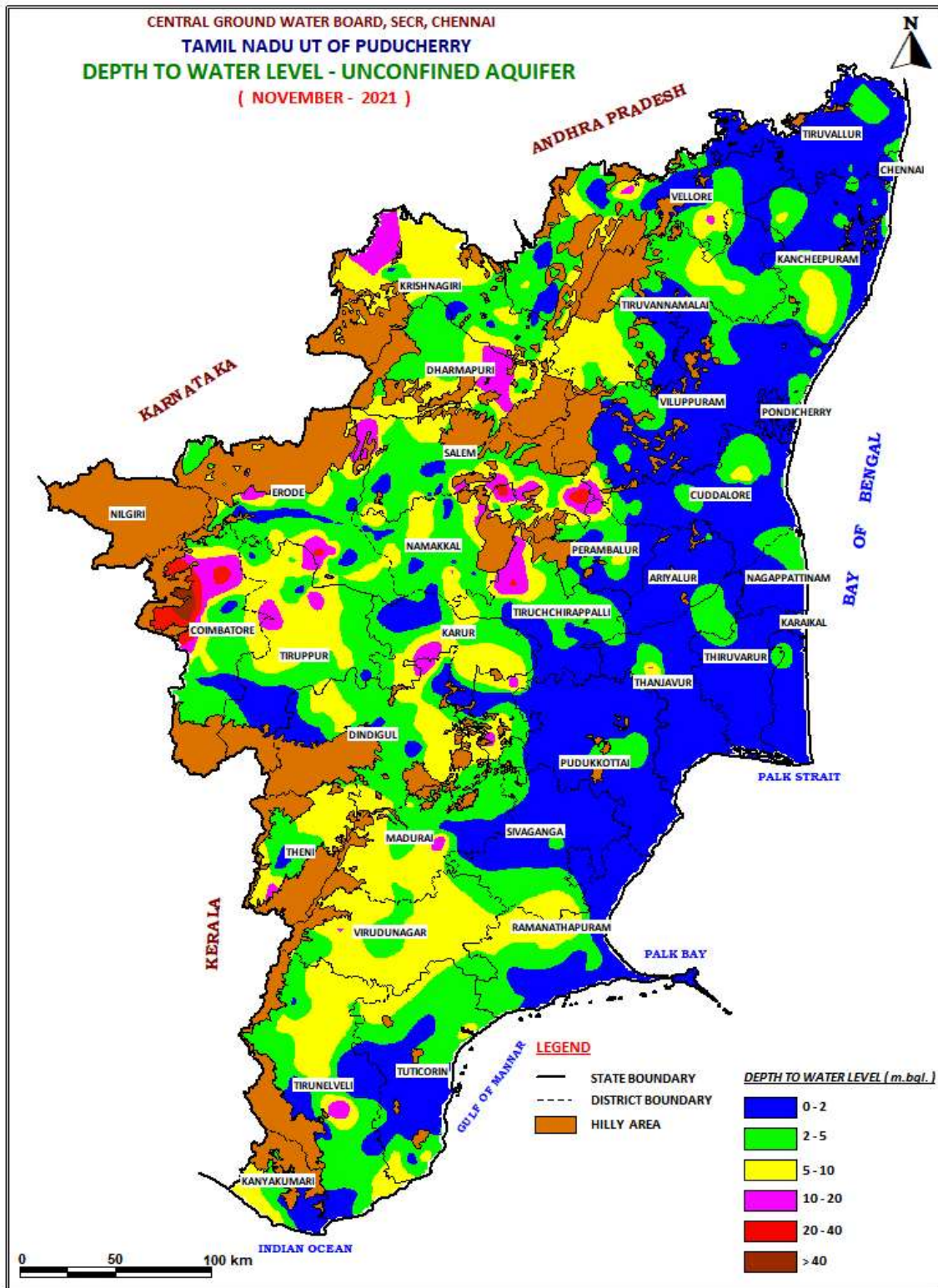


## November 2021

The statement showing the distribution of Ground Water Monitoring wells along with depth to water level of phreatic aquifer in different depth ranges is presented in **Table-8** and **Plate-VIII** depicts the ground water scenario in November 2021. Salient features of the depth to water level scenario during November 2021 are given below.

1. The depth to water level recorded from 0.05 (Dindigul & Vellore district) to 47.58 m bgl (Coimbatore district).
2. Depth to water level over major part of the State (93% of the wells), particularly in the central and Eastern parts are < 10m bgl. Where as the central and north western parts have recorded shows water level of > 10 mbgl.
3. Depth to water level of less than 2 m bgl has been recorded in 46 % of wells analysed and noted in all over the State and U.T.of Puducherry except Virudhunagar and Dharmapuri districts.
4. Depth to water level in the range of 2 to 5 m bgl has been recorded in 29 % of wells analysed and noted in all the districts except in Thiruvarur district.
5. Depth to water level in the range of 5 to 10 m bgl has been recorded in 18% of wells analysed. Except Pudukkottai, Sivaganga, Villupuram, Ariyalur, Thiruvarur, Nagapattinam, Karaikal, Chennai, Tiruvallur districts and U.T of Pondicherry all other districts recorded depth to water level in the range of 5 to 10 m bgl.
6. Depth to water level in the range of 10 to 20 m bgl has been observed in 6% of wells analysed and noted in the Northern, central and western parts of the State and as small pockets on the southern part. Depth to water level in the range of more than 20 m bgl has been noted in one percentage of wells analysed and noted in Namakkal, Erode, Salem, Thiruchirappalli and Coimbatore districts.

Table : 8 Depth to Water Table November 2021							
Distribution of Percentage of Observation Wells							
		No. of Wells Showing Depth to Water Table (mbgl) in the Range of					
		0-2	2-5	5-10	10-20	20-40	>40
Tirunelveli	30	13	9	7	1	0	0
Tuticorin	22	11	6	5	0	0	0
Virudhunagar	13	0	5	7	1	0	0
Kanyakumari	11	4	3	4	0	0	0
Dindigul	28	10	9	8	1	0	0
Theni	12	1	3	7	1	0	0
Madurai	17	2	9	4	2	0	0
Pudukkottai	20	18	2	0	0	0	0
Ramanathapuram	27	17	6	4	0	0	0
Sivaganga	8	5	3	0	0	0	0
Namakkal	44	9	17	13	4	1	0
Erode	57	10	25	15	6	1	0
Dharmapuri	20	0	6	9	5	0	0
Salem	42	11	17	7	6	1	0
Krishnagiri	17	6	4	6	1	0	0
Vellore	32	13	14	3	2	0	0
Villupuram	33	29	4	0	0	0	0
Perambalur	15	9	5	1	0	0	0
Ariyalur	9	8	1	0	0	0	0
Cuddalore	30	25	3	2	0	0	0
Pondicherry	5	3	2	0	0	0	0
Tiruchirappalli	39	19	11	5	3	1	0
Thiruvarur	7	7	0	0	0	0	0
Thanjavur	17	12	4	1	0	0	0
Nagapattinam	16	11	5	0	0	0	0
Karaikal	4	3	1	0	0	0	0
Karur	11	4	2	5	0	0	0
Tirupur	16	5	6	4	1	0	0
Nilgiri	8	4	2	1	1	0	0
Coimbatore	21	4	4	6	5	1	1
Kancheepuram	42	32	7	3	0	0	0
Tiruvannamalai	19	6	7	5	1	0	0
Chennai	14	8	6	0	0	0	0
Tiruvallur	35	29	6	0	0	0	0
Total	741	348	214	132	41	5	1
%		46.9	28.8	17.8	5.5	0.6	0.1



## Depth to Piezometric Surface:

Depth to piezometric surface has been recorded from piezometers spread all over the state both in hardrock and soft rock areas. The statement showing the depth to piezometric surface is given in **Table-9**. The ground water scenario of Confined aquifer during November 2021 is depicted in **Plate-IX**. Salient features of the depth to piezometric surface during November 2021 are given below.

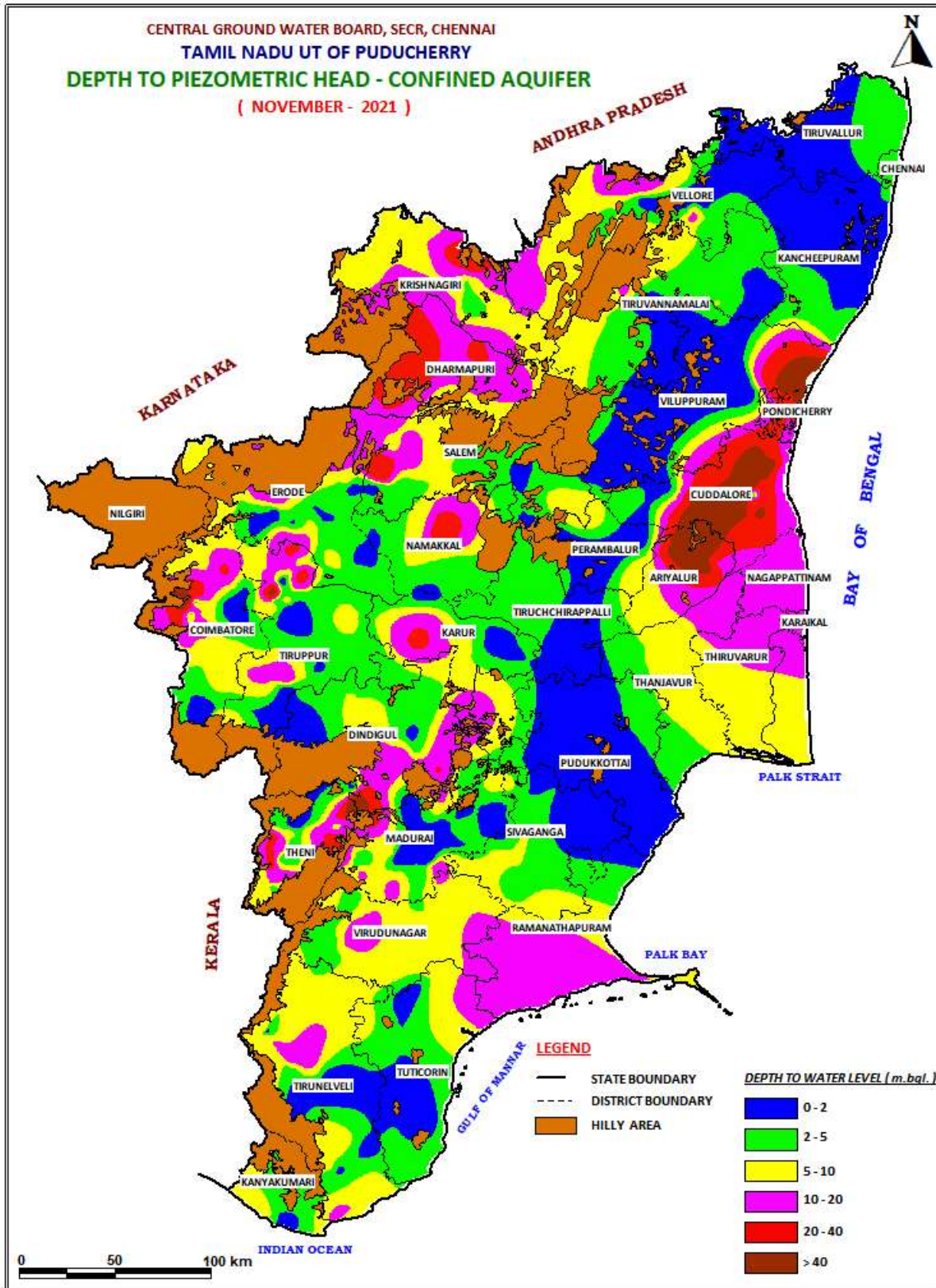
1. The piezometric surface ranged from 0.05 (Villupuram district) to 84.06 m bgl (Ariyalur district).
2. 70 % of wells have recorded depth to piezometric surface within 10 mbgl, while 13 % of wells show depth to piezometric surface between 10 to 20 mbgl and 07 % more than 20 m bgl.
3. Depth to piezometric surface of less than 2 m bgl has been recorded in 25% of wells analysed and this has been noted all the districts except in the districts of Ramanathapuram, Virudhunagar, Krishnagiri, Ariyalur, Pondicherry, Dharmapuri, Thanjavur, Nagapattinam, Thiruvarur, Karaikal and Nilgiri.
4. Depth to piezometric surface in the range of 2 to 5 m bgl has been recorded in 25 % of wells analysed and noted in all the districts except in the districts of Ramanathapuram, Pudukkottai, Dharmapuri, Villupuram, Perambalur, Ariyalur, Thiruvarur, Thanjavur, and Karaikal district.
5. Depth to piezometric surface in the range of 5 to 10 m bgl has been recorded in 20 % of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kanyakumari, Ariyalur, Madurai, Virudhunagar, Tuticorin, Sivaganga, Salem, Tirupur, Tirunelveli, Krishnagiri, Vellore, Namakkal, Theni and Tiruvannamalai districts.
6. Depth to piezometric surface in the range of 10 to 20 m bgl has been observed in 13 % of wells analysed. Depth to piezometric surface in the range of more than 20 mbgl has been noted in 7% of wells analysed covering isolated pockets in the districts viz. Theni, Namakkal, Dindigul, Erode, Dharmapuri, Salem, Krishnagiri, Villupuram, Ariyalur, Cuddalore, Pondicherry, Karur and Coimbatore districts.



**Table-9: Frequency distribution of depth to Piezometric surface (November 2021)**

District	No. of Wells Analysed	Depth to Piezometric surface in the range of (mbgl)					
		0-2	2-5	5-10	10-20	20-40	>40
Tirunelveli	19	7	3	6	3	0	0
Tuticorin	11	4	5	2	0	0	0
Virudhunagar	9	0	2	6	1	0	0
Kanyakumari	6	1	2	3	0	0	0
Dindigul	11	1	3	3	3	1	0
Theni	26	4	5	5	5	6	1
Madurai	33	12	11	6	4	0	0
Pudukkottai	6	6	0	0	0	0	0
Ramanathapuram	1	0	0	0	1	0	0
Sivaganga	5	1	2	2	0	0	0
Namakkal	10	3	3	2	0	2	0
Erode	47	8	24	9	3	3	0
Dharmapuri	7	0	0	2	3	2	0
Salem	11	3	2	3	2	1	0
Krishnagiri	9	0	2	4	2	1	0
Vellore	12	4	3	2	3	0	0
Villupuram	9	7	0	0	0	0	2
Perambalur	4	4	0	0	0	0	0
Ariyalur	13	0	0	2	2	2	7
Cuddalore	30	1	4	1	2	8	14
Pondicherry	7	0	1	0	1	5	0
Tiruchirappalli	4	2	2	0	0	0	0
Thiruvarur	0	0	0	0	0	0	0
Thanjavur	0	0	0	0	0	0	0
Nagapattinam	3	0	1	0	2	0	0
Karaikal	0	0	0	0	0	0	0
Karur	7	2	4	0	0	1	0
Tirupur	10	3	4	3	0	0	0
Nilgiri	1	0	1	0	0	0	0
Coimbatore	47	7	6	12	14	5	3
Kancheepuram	12	9	3	0	0	0	0
Tiruvannamalai	9	3	1	4	1	0	0
Chennai	2	1	1	0	0	0	0
Tiruvallur	3	3	0	0	0	0	0
Total	384	96	95	77	52	37	27
%		25	24.7	20.0	13.5	9.63	7.0





## January 2022

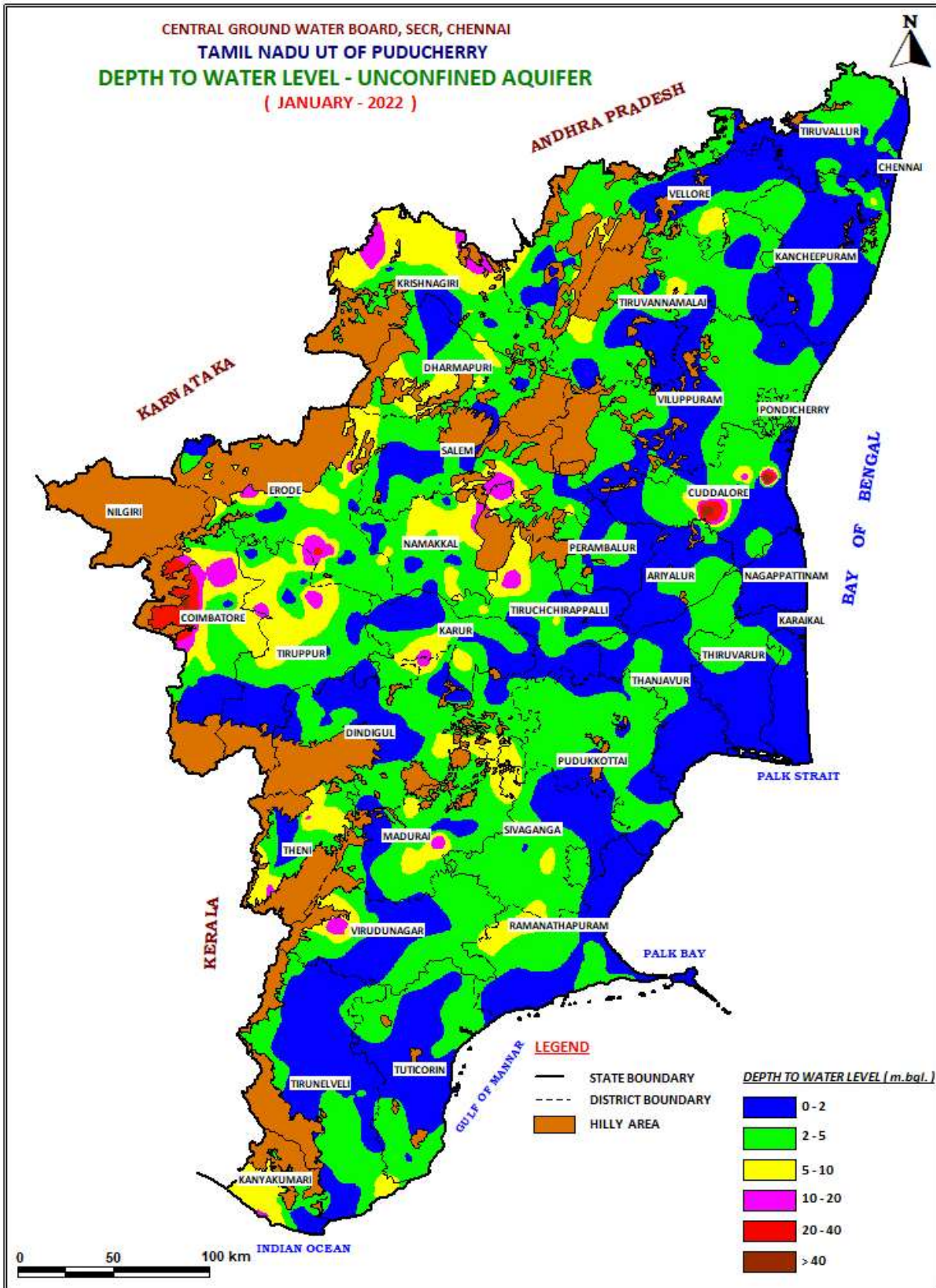
The statement showing the distribution of ground Water Monitoring wells along with depth to water levels in phreatic aquifer in different depth ranges is presented in **Table-10** and **Plate-X** depicts the ground water scenario in January 2022.

1. A perusal of the water level data reveals that the depth to water level ranged from 0.02 m bgl (Tiruvallur district) to 40.88 m bgl (Coimbatore District) in Tamil Nadu and UT of Puducherry.
2. Overall 96% of the wells monitored in the state and UT are in <10 m bgl range and spreaded over entire Tamil nadu.
3. 4 % of wells show depth to water level between 10 to 20 m bgl and less than 1 % of wells show depth to water level more than 20 m bgl.
4. Depth to water level of less than 2 m bgl has been recorded in 43 % of wells analysed and noted in all over the State and U.T. of Puducherry.
5. Depth to water level in the range of 2 to 5 m bgl has been recorded in 40 % of wells analysed and noted in all the districts except in Karaikal district.
6. Depth to water level in the range of 5 to 10 m bgl has been recorded in 12% of wells analysed. Except, Tuticorin, Pudukkottai, Villupuram, Perambalur, Ariyalur, Thiruvarur, Thanjavur, Nagapattinam, Karaikal, Chennai and Tiruvallur districts and U.T. of Puducherry all other districts recorded depth to water level in the range of 5 to 10 m.bgl.
7. Depth to water level in the range of 10 to 20 m bgl has been observed in 4% of wells analysed and noted in the western parts of the State covering most of the districts in uplands and as small pockets on the northern and central side. Depth to water level in the range of more than 20 m bgl has been noted in less than one percentage of wells analysed and noted in Coimbatore and Erode districts

**Table 10: Depth to Water Table (January 2022)**

Distribution of Percentage of Observation Wells

District	No. of Wells Analysed	Depth to Water Table (mbgl)					
		No. of Wells Showing Depth to Water Table (mbgl) in the Range of					
		0-2	2-5	5-10	10-20	20-40	>40
Tirunelveli	33	20	12	1	0	0	0
Tuticorin	23	12	11	0	0	0	0
Virudhunagar	11	4	5	1	1	0	0
Kanyakumari	12	2	3	6	1	0	0
Dindigul	25	14	9	1	1	0	0
Theni	13	2	4	5	2	0	0
Madurai	17	4	8	3	2	0	0
Pudukkottai	22	9	13	0	0	0	0
Ramanathapuram	23	14	7	2	0	0	0
Sivaganga	10	5	2	3	0	0	0
Namakkal	44	7	19	14	4	0	0
Erode	59	11	29	11	7	1	0
Dharmapuri	23	4	13	6	0	0	0
Salem	45	14	24	7	0	0	0
Krishnagiri	18	6	7	3	2	0	0
Vellore	26	14	9	3	0	0	0
Villupuram	29	13	16	0	0	0	0
Perambalur	16	7	9	0	0	0	0
Ariyalur	8	4	4	0	0	0	0
Cuddalore	30	19	9	2	0	0	0
Pondicherry	5	1	4	0	0	0	0
Tiruchirappalli	39	14	19	5	1	0	0
Thiruvarur	7	5	2	0	0	0	0
Thanjavur	16	9	7	0	0	0	0
Nagapattinam	16	14	2	0	0	0	0
Karaikal	4	4	0	0	0	0	0
Karur	12	5	4	3	0	0	0
Tirupur	17	6	7	3	7	0	0
Nilgiri	8	4	2	1	1	0	0
Coimbatore	20	4	4	7	4	0	1
Kancheepuram	44	28	15	1	0	0	0
Tiruvannamalai	17	9	6	2	0	0	0
Chennai	12	10	2	0	0	0	0
Tiruvallur	32	21	11	0	0	0	0
<b>Total</b>	<b>736</b>	<b>319</b>	<b>298</b>	<b>90</b>	<b>33</b>	<b>1</b>	<b>1</b>
%		43.3	40.4	12.2	4.4	0.13	0.13



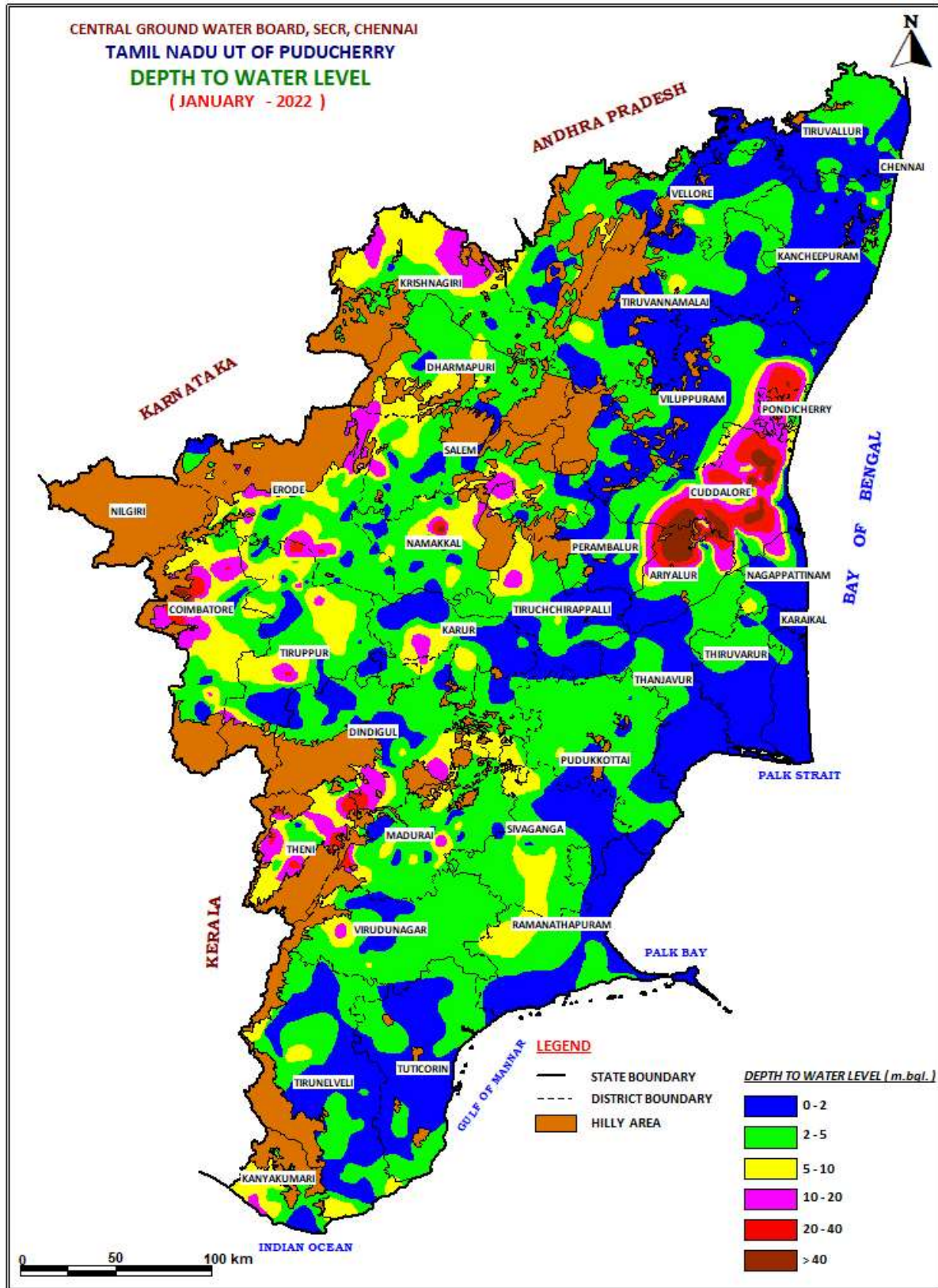
## **Depth to Piezometric Surface:**

Depth to piezometric surface has been recorded from piezometers spread all over the state both in hardrock and soft rock areas. The statement showing the depth to piezometric surface is given in **Table-11**. The ground water Scenario of Confined aquifer during January 2022 is depicted in **Plate-XI**. Salient features of the depth to piezometric surface during January 2022 are given below.

1. The depth to piezometric surface ranged from 0.04 m bgl (Chennai district) to 88.11 m bgl (Cuddalore District) in Tamil Nadu and UT of Puducherry.
2. 72% of wells have recorded depth to piezometric surface of less than 10 mbgl.
3. 11.3 % of wells show depth to piezometric surface between 10 to 20 mbgl.
4. 7.3 % have recorded piezometric surface between 20 to 40 mbgl.
5. 8.7 % have recorded more than 40 mbgl.
6. Depth to piezometric surface of less than 2 m bgl has been recorded in 29% of wells analysed and this has been noted all the districts except in the districts of Ramanathapuram, Sivaganga, Krishnagiri, Ariyalur, Pondicherry, Thiruvarur, Thanjavur, Nagapattinam, Karaikal and Nilgiri districts.
7. Depth to piezometric surface in the range of 2 to 5 m bgl has been recorded in 26 % of wells analysed and noted in all the districts except in the districts of Ramanathapuram, Perambalur, Ariyalur, Tiruvarur, Thanjavur, Karaikal, Nilgiri, and Tiruvannamalai district.
8. Depth to piezometric surface in the range of 5 to 10 m bgl has been recorded in 17 % of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kanyakumari, Ariyalur, Madurai, Pudukkottai, Virudhunagar, Salem, Sivaganga, Theni, Nilgiri, Tirupur, Tirunelveli, Krishnagiri, Vellore, Namakkal, Ramanathapuram districts.



District	No. of Wells Analysed	Depth to Piezometric surface in the range of (mbgl)					
		0-2	2-5	5-10	10-20	20-40	>40
Tirunelveli	21	13	4	3	1	0	0
Tuticorin	11	6	5	0	0	0	0
Virudhunagar	9	1	6	2	0	0	0
Kanyakumari	7	1	3	1	2	0	0
Dindigul	11	3	5	1	2	0	0
Theni	29	2	7	7	6	6	1
Madurai	31	8	15	7	1	1	0
Pudukkottai	8	2	5	1	0	0	0
Ramanathapuram	1	0	0	1	0	0	0
Sivaganga	5	0	3	2	0	0	0
Namakkal	9	1	5	1	0	0	2
Erode	52	9	20	16	5	2	0
Dharmapuri	7	3	1	3	0	0	0
Salem	11	2	3	4	2	0	0
Krishnagiri	7	0	2	3	2	0	0
Vellore	13	8	3	2	0	0	0
Villupuram	12	10	1	0	0	0	1
Perambalur	4	4	0	0	0	0	0
Ariyalur	14	0	0	1	3	2	8
Cuddalore	44	3	1	2	5	10	23
Pondicherry	7	0	1	0	1	5	0
Tiruchirappalli	6	4	2	0	0	0	0
Thiruvarur	0	0	0	0	0	0	0
Thanjavur	0	0	0	0	0	0	0
Nagapattinam	3	0	1	0	2	0	0
Karaikal	0	0	0	0	0	0	0
Karur	7	5	1	0	1	0	0
Tirupur	10	5	1	4	0	0	0
Nilgiri	1	0	0	1	0	0	0
Coimbatore	51	8	9	11	16	5	2
Kancheepuram	15	13	2	0	0	0	0
Tiruvannamalai	11	11	0	0	0	0	0
Chennai	3	2	1	0	0	0	0
Tiruvallur	4	1	3	0	0	0	0
<b>Total</b>	<b>424</b>	<b>125</b>	<b>110</b>	<b>73</b>	<b>48</b>	<b>31</b>	<b>37</b>
<b>%</b>		<b>29.4</b>	<b>25.9</b>	<b>17.2</b>	<b>11.3</b>	<b>7.3</b>	<b>8.7</b>



### **III. FLUCTUATION OF WATERLEVEL**

The water level fluctuation denotes the cumulative effect of southwest and northeast monsoons and ground water development during the period. Rise denotes adequate compensation of the ground water development and fall denotes inadequacy of recharge.

Three types of fluctuations have been calculated, viz. 1) Decadal and 2) Annual fluctuations

#### **Decadal Fluctuation**

##### **FLUCTUATION BETWEEN DECADAL MEAN WATER LEVEL & WATER LEVEL**

The fluctuation of water level recorded during the particular period with respect to decadal mean of the same period indicate the impact of ground water development and ground water recharge during the decade. Positive fluctuation indicates improved recharge over and above ground water development and negative fluctuation indicates increased ground water development over and above therecharge.

##### **Mean Water Levels For The Period May 2011-2020 & May 2021:**

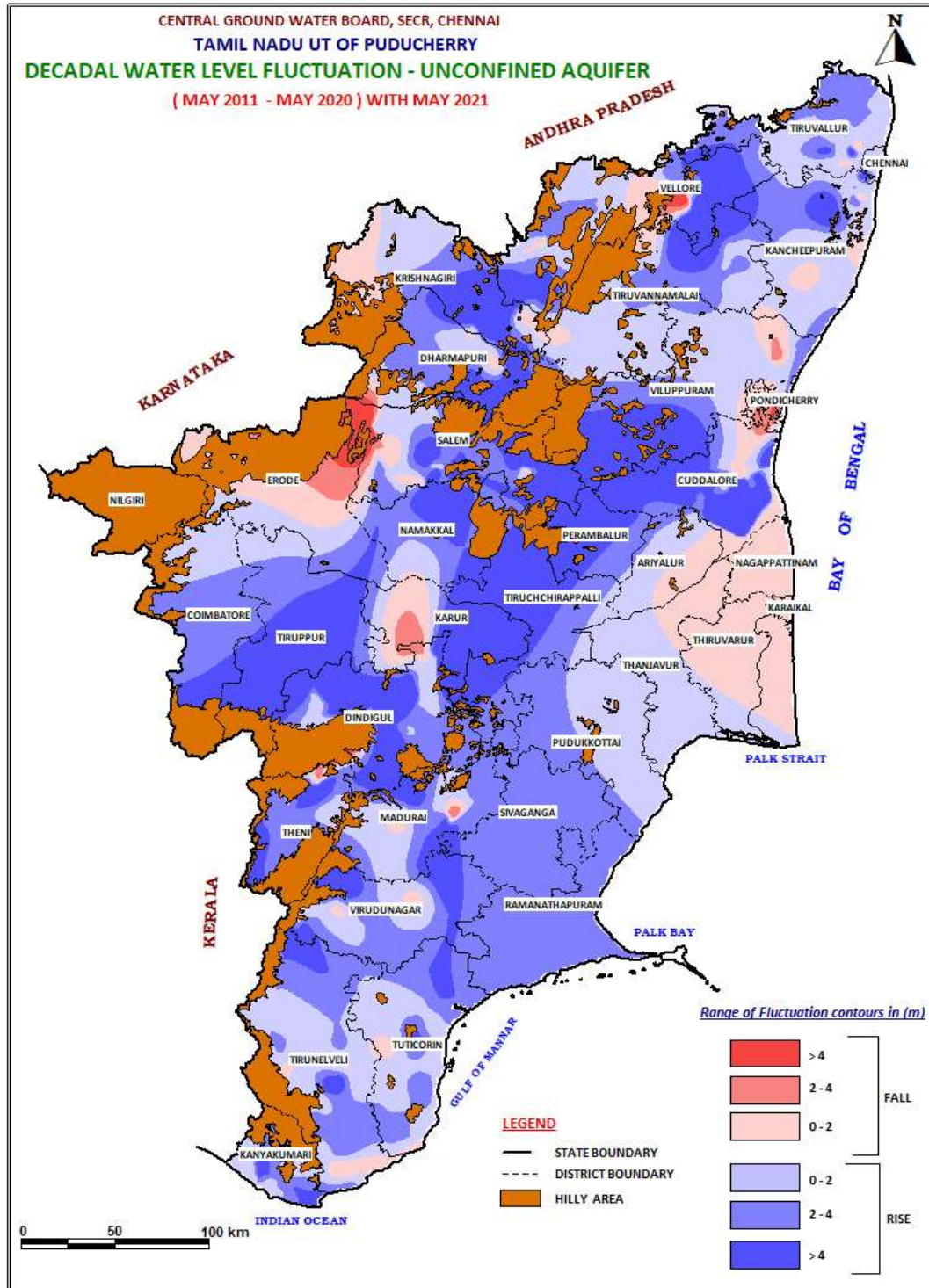
The statement showing the distribution of ground water monitoring wells falling in different ranges of fluctuation is presented in **Table-12** and **Plate-XII**. A comparison of water level shows that a rise in the water level is recorded in 80.8% of wells analysed, while 19.1% recorded fall. Salient features of the comparison of water levels are given below. The rise is mainly in 0-2 & >4 m range and the fall is mainly in the range of 0-2 & >4 m.

1. The entire state have recorded rise in more than 50% wells except Dindigul district of the state.
2. Rise in the water level in the range of 0-2m has been observed in 36.9% of wells analysed, noted all over the State except Krishnagiri and Dindigul districts.
3. Rise in the water level of 2 to 4 m has been observed in 21.5% and of wells analysed and noted mainly in Kancheepuram, Tiruvannamalai, Tiruvallur, Tirunelveli, Pondicherry, Tuticorin, Virudhunagar, Kanyakumari, Theni, Madurai, Dharmapuri, Salem, Villupuram, Cuddalore districts.
4. Rise in the water level more than 4 m has been observed in 22.4% of wells analysed
5. The fall in water level in the range of 0-2m has been observed in 16.4% of wells analysed
6. The fall in water level in the range of 2-4m has been observed in 1% of wells analysed and noted in Dindigul, Madurai and Villupuram districts
7. The fall in water level more than 4 m has been observed in 1.7% of wells analysed and noted in Dindigul, Theni, Vellore, Salem and Pondicherry.



**Table12:DecadalWaterlevelfluctuation- May 2021withDecadalaverageofMay 2011-20 -Unconfined**

S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Rangeofrise(m)			Range of fall (m)				
		<2	2-4	>4	<2	2-4	>4		
1	Tirunelveli	10	9	3	7	0	0	22	7
2	Tuticorin	9	7	3	3	0		19	3
3	Virudhunagar	2	3	4	3	0	0	9	3
4	Kanyakumari	6	2	4	0	0	0	12	0
5	Dindigul	0	0	0	1	1	1	0	3
6	Theni	1	5	4	1	0	1	10	2
7	Madurai	3	3	4	1	1	0	10	2
8	Pudukkottai	0	0	0	0	0	0	0	0
9	Ramanathapuram	0	0	0	0	0	0	0	0
10	Sivaganga	0	0	0	0	0	0	0	0
11	Namakkal	0	0	0	0	0	0	0	0
12	Erode	0	0	0	0	0	0	0	0
13	Dharmapuri	5	3	6	3	0	0	14	3
14	Salem	5	12	20	4	0	1	37	5
15	Krishnagiri	0	1	1	3	0	0	2	3
16	Vellore	5	3	3	2	0	1	11	3
17	Villupuram	2	1	0	0	1	0	3	1
18	Perambalur	0	0	0	0	0	0	0	0
19	Ariyalur	0	0	0	0	0	0	0	0
20	Cuddalore	6	2	10	7	0	0	18	7
21	Pondicherry	2	1	0	0	0	1	3	1
22	Tiruchirappalli	0	0	0	0	0	0	0	0
23	Thiruvarur	0	0	0	0	0	0	0	0
24	Thanjavur	0	0	0	0	0	0	0	0
25	Nagapattinam	0	0	0	0	0	0	0	0
26	Karaikal	0	0	0	0	0	0	0	0
27	Karur	0	0	0	0	0	0	0	0
28	Tirupur	0	0	0	0	0	0	0	0
29	Nilgiri	0	0	0	0	0	0	0	0
30	Coimbatore	0	0	0	0	0	0	0	0
31	Kancheepuram	22	4	4	7	0	0	30	7
32	Tiruvannamalai	6	5	0	2	0	0	11	2
33	Chennai	9	0	0	2	0	0	9	2
34	Tiruvallur	17	3	1	3	0	0	21	3
	Total	110	64	67	49	3	5	241	57
	%	36.9	21.5	22.4	16.4	1	1.7	80.8	19.1



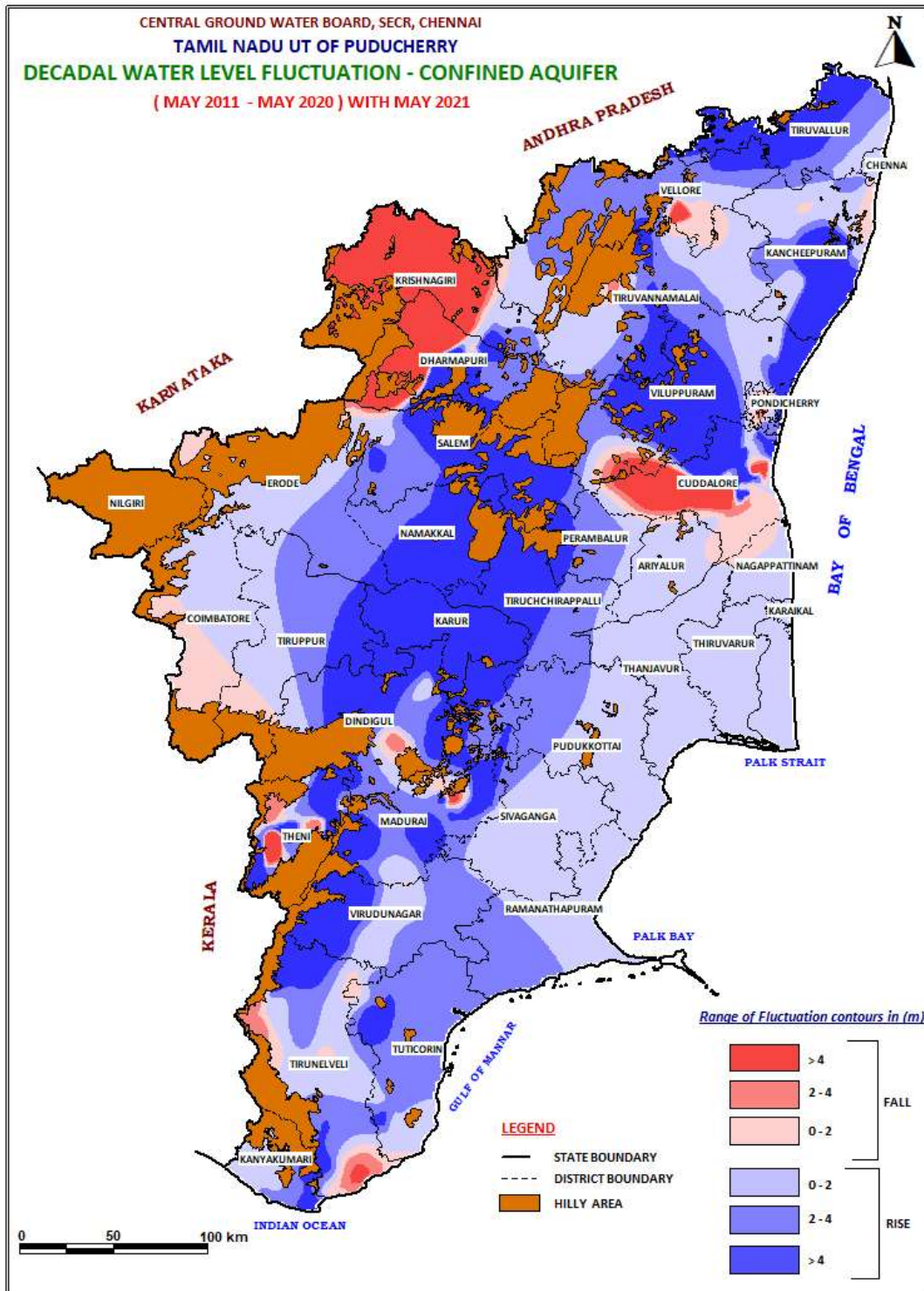
### **Confined Aquifer:**

The Piezometric surface data of May 2021 were compared with mean water level for the period May 2011-2020. The district-wise distribution of Ground water monitoring wells falling in different ranges of water level fluctuation is presented in **Table-13** and **Plate-XIII**. A comparison of water level shows a rise in 76% and a fall in 24% of the wells. While rise is more in >4 m range the fall is mainly in 0-2 m range.

1. The entire state have recorded rise in more than 50% wells
2. Rise in the water level in the range of 0-2m has been observed in 20% of wells analysed, spread all over the State, except Dharmapuri, and Perambalur, Ariyalur and Tiruvallur districts.
3. Rise in the water level in the range of 2-4 m has been observed in 24% of wells analysed
4. Rise in water level more than 4 m has been observed in 32% of wells analysed
5. The fall in water level in the range of 0-2m has been observed in 10% of wells analysed and noted in Cuddalore, Pondicherry, Kancheepuram, Theni, Dharmapuri, Tiruvannamalai, Chennai Madurai, Tirunelveli and Tuticorin districts.
6. The fall in water level in the range of 2-4m has been observed in 6% of wells analysed and noted in Tirunelveli, Dindigul, Vellore, Villupuram Cuddalore, Tiruvannamalai and Theni districts.
7. Fall in water level more than 4 m has been observed in 8% of wells analysed and noted mostly Tirunelveli, Madurai, Dharmapuri, Vellore, Villupuram, Cuddalore and Theni districts of the state and Puducherry region of UT of Puducherry.

**Table13: DecadalWaterlevelfluctuation-May 2021withDecadalaverageofMay 2011-20 Confined**

S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
		< 2	2-4	> 4	< 2	2-4	>4		
1	Tirunelveli	6	3	4	3	1	1	13	5
2	Tuticorin	2	6	2	1	0	0	10	1
3	Virudhunagar	3	2	3	0	0	0	8	0
4	Kanyakumari	4	1	1	0	0	0	6	0
5	Dindigul	1	2	5	0	1	0	8	1
6	Theni	4	4	7	1	2	2	15	5
7	Madurai	3	10	12	2	0	1	25	3
8	Pudukkottai	0	0	0	0	0	0	0	0
9	Ramanathapuram	0	0	0	0	0	0	0	0
10	Sivaganga	0	0	0	0	0	0	0	0
11	Namakkal	0	0	0	0	0	0	0	0
12	Erode	0	0	0	0	0	0	0	0
13	Dharmapuri	0	1	3	1	0	1	4	2
14	Salem	2	5	4	0	0	0	11	0
15	Krishnagiri	1	1	0	0	0	0	2	0
16	Vellore	1	3	0	0	1	1	4	2
17	Villupuram	1	0	2	0	1	1	3	2
18	Perambalur	0	0	0	0	0	0	0	0
19	Ariyalur	0	0	0	0	0	0	0	0
20	Cuddalore	2	4	14	6	5	9	20	20
21	Pondicherry	1	2	1	2	0	1	4	3
22	Tiruchirappalli	0	0	0	0	0	0	0	0
23	Thiruvarur	0	0	0	0	0	0	0	0
24	Thanjavur	0	0	0	0	0	0	0	0
25	Nagapattinam	0	0	0	0	0	0	0	0
26	Karaikal	0	0	0	0	0	0	0	0
27	Karur	0	0	0	0	0	0	0	0
28	Tirupur	0	0	0	0	0	0	0	0
29	Nilgiri	0	0	0	0	0	0	0	0
30	Coimbatore	0	0	0	0	0	0	0	0
31	Kancheepuram	8	2	1	2	0	0	11	2
32	Tiruvannamalai	2	2	3	1	1	0	7	2
33	Chennai	1	1	0	1	0	0	2	1
34	Tiruvallur	0	0	3	0	0	0	3	0
	Total	42	49	65	20	12	17	156	49
	%	20	24	32	10	6	8	76	24



### **Mean Water Levels For The Period August 2011-2020& August 2021:**

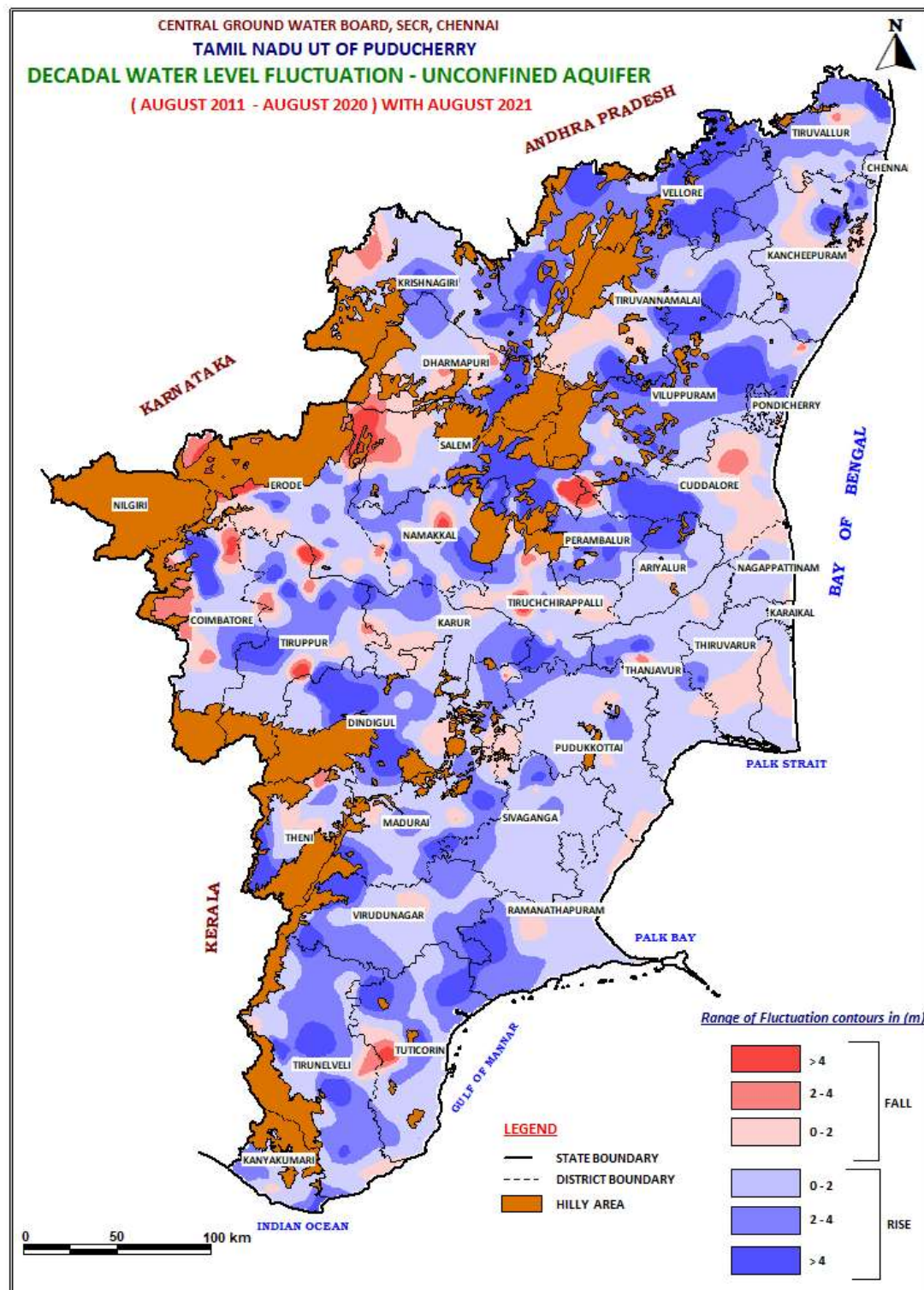
The statement showing the distribution of ground water monitoring wells falling in different ranges of fluctuation is presented in **Table-14** and **Plate-XIV**. A comparison of water level shows that a rise in the water level is recorded in 78% of wells analysed, while 22% recorded fall. Salient features of the comparison of water levels are given below. The rise is mainly in 0-2 & 2-4 m range and the fall is mainly in the range of 0-2 & 2-4 m.

1. The entire state have recorded rise in more than 50% wells
2. Rise in the water level in the range of 0-2m has been observed in 42% of wells analysed, noted all over the State.
3. Rise in the water level of 2 to 4 m has been observed in 21% of wells analysed
4. Rise in the water level more than 4 m has been observed in 14% of wells analysed
5. The fall in water level in the range of 0-2m has been observed in 16% of wells analysed and spread all over the State and U.T. of Puducherry, except Krishnagiri and Chennai district.
6. The fall in water level in the range of 2-4m has been observed in 4% of wells analysed
7. The fall in water level more than 4 m has been observed in 2% of wells analysed and noted mainly in Tuticorin, Theni, Coimbatore, Erode, Cuddalore, Namakkal, Tiruchirappalli, Tiruppur, Salem and Tiruvannamalai districts.

Table 14: Decadal Water level fluctuation- August 2021 with Decadal average of August 2011-20 - Unconfined

S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
		<2	2-4	>4	<2	2-4	>4		
1	Tirunelveli	12	8	4	3	1	0	24	4
2	Tuticorin	12	5	3	2	0	1	20	3
3	Virudhunagar	5	4	2	2	0	0	11	2
4	Kanyakumari	7	2	1	2	0	0	10	2
5	Dindigul	13	7	5	3	0	0	25	3
6	Theni	4	2	3	2	0	1	9	3
7	Madurai	7	4	4	2	1	0	15	3
8	Pudukkottai	9	2	1	4	0	0	12	4
9	Ramanathapuram	14	2	1	4	0	0	17	4
10	Sivaganga	4	2	0	3	0	0	6	3
11	Namakkal	8	16	9	8	3	1	33	12
12	Erode	23	8	5	14	1	4	36	19
13	Dharmapuri	5	4	3	7	2	0	12	9
14	Salem	13	11	9	5	5	2	33	12
15	Krishnagiri	8	4	3	0	1	0	15	1
16	Vellore	8	14	8	3	0	0	30	3
17	Villupuram	12	9	8	3	0	0	29	3
18	Perambalur	4	6	5	1	0	0	15	1
19	Ariyalur	8	1	1	1	0	0	10	1
20	Cuddalore	15	1	1	10	1	1	17	12
21	Pondicherry	2	0	0	3	0	0	2	3
22	Tiruchirappalli	12	7	6	9	5	1	25	15
23	Thiruvarur	6	0	1	0	0	0	7	0
24	Thanjavur	10	2	2	3	1	0	14	4
25	Nagapattinam	8	2	0	6	0	0	10	6
26	Karaikal	3	0	0	1	0	0	3	1
27	Karur	6	5	0	1	0	0	11	1
28	Tirupur	10	0	1	2	1	1	11	4
29	Nilgiri	6	0	0	1	1	0	6	2
30	Coimbatore	5	3	4	5	1	2	12	8
31	Kancheepuram	18	11	7	5	0	0	36	5
32	Tiruvannamalai	8	2	4	2	0	1	14	3
33	Chennai	10	1	0	0	1	0	11	1
34	Tiruvallur	13	11	2	3	1	0	26	4
	Total	308	156	103	120	26	15	567	161
	%	42	21	14	16	4	2	78	22







### **Confined Aquifer:**

The Piezometric surface data of August 2021 were compared with mean water level for the period August 2011-2020. The district-wise distribution of Ground water monitoring wells falling in different ranges of water level fluctuation is presented in **Table-18**. A comparison of water level shows a rise in 73.2% and a fall in 26.8% of the wells. While rise is more in 0-2 m range the fall is mainly in 0-2 m range.

1. The entire state have recorded fall in more than 25% wells except Chennai, Dindigul, Kanyakumari, Perambalur, Pudukkottai, Sivagangai, and Virudhunagardistricts of the state and other districts viz., Nilgiris, Thanjavur, Tiruvarur,Trichy and Tiruvallur districts of the state and Karaikal region of UT of Puducherry.
2. Rise in the water level in the range of 0-2m has been observed in 24.7% of wells analysed, spread all over the State, except Dharmapuri, Nagapattinam, Pudukkottai, Ramanathapuram, Tiruvallur and Vellore districts.
3. Rise in the water level in the range of 2-4 m has been observed in 13.7% of wells analysed and noted mainly Coimbatore, Madurai, Erode, Madurai, Tirunelveli districts.
4. Rise in water level more than 4 m has been observed in 34.7% of wells analysed and noted mainly in Coimbatore and Cuddalore Madurai, Theni districts.
5. The fall in water level in the range of 0-2m has been observed in 12% of wells analysed and noted in Coimbatore, Cuddalore, Dindigul, Erode, Madurai, Nagapattinam and Theni districts.
6. The fall in water level in the range of 2-4m has been observed in 4.1% of wells analysed and noted in Coimbatore, Cuddalore, Karur, Ramanathapuram districts and UT of Puducherry.
7. Fall in water level more than 4 m has been observed in 10.7% of wells analysed and noted mostly Ariyalur, Coimbatore, Cuddalore, Erode, Namakkal and Theni districts of the state and Puducherry region of UT of Puducherry.

**Table 18: Decadal Water level fluctuation - August 2021 with Decadal average of August 2011-20 Confined**

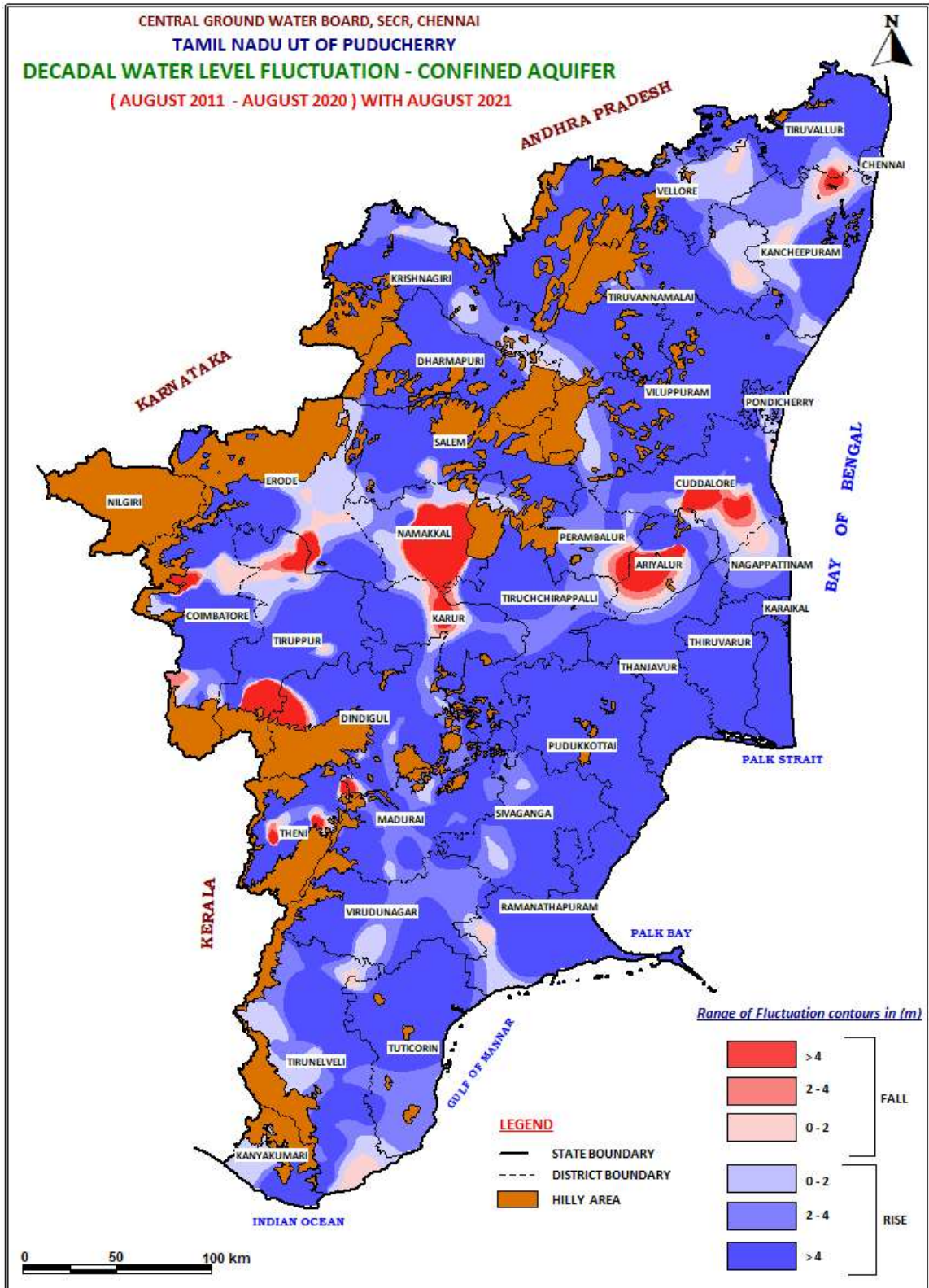
S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
		< 2	2-4	> 4	< 2	2-4	>4		
1	Ariyalur	3		2	2	1	5	5	8
2	Chennai	1						1	0
3	Coimbatore	5	2	12	5	1	4	19	10
4	Cuddalore	7	2	20	5	4	10	29	19
5	Dharmapuri			1			1	1	1
6	Dindigul	5	2	5				12	0
7	Erode	5	3	7	6		2	15	8
8	Kancheepuram	5			1		1	5	2
9	Kanyakumari	2		1				3	0
10	Karur	3	2			1		5	1
11	Krishnagiri	2	1	4	1			7	1
12	Madurai	6	7	13	3			26	3
13	Nagapattinam			1	2			1	2
14	Namakkal	5	1	1			2	7	2
15	Perambalur	1	2					3	0
16	Pudukkottai			1				1	0
17	Ramanathapuram					1		0	1
18	Salem	3	1	3	1			7	1
19	Sivaganga	3						3	0
20	Theni	3	1	13	3	1	4	17	8
21	Thiruvannamalai	2	1	2	1			5	1
22	Tirunelveli	8	5	3	1			16	1
23	Tiruppur	1	1	1	1			3	1
24	Tiruvallur				1	1		0	2
25	Tuticorin		3	3	1			6	1
26	Vellore		1	2	1			3	1
27	Villupuram	1	1	3				5	0
28	Virudhunagar	1	2	2				5	0
29	Pondicherry		2	1		2	2	3	4
30									
	<b>Total</b>	72	40	101	35	12	31	213	78
	<b>%</b>	24.7	13.7	34.7	12.0	4.1	10.7	73.2	26.8

CENTRAL GROUND WATER BOARD, SECR, CHENNAI

TAMIL NADU UT OF PUDUCHERRY

### DECADAL WATER LEVEL FLUCTUATION - CONFINED AQUIFER

( AUGUST 2011 - AUGUST 2020 ) WITH AUGUST 2021



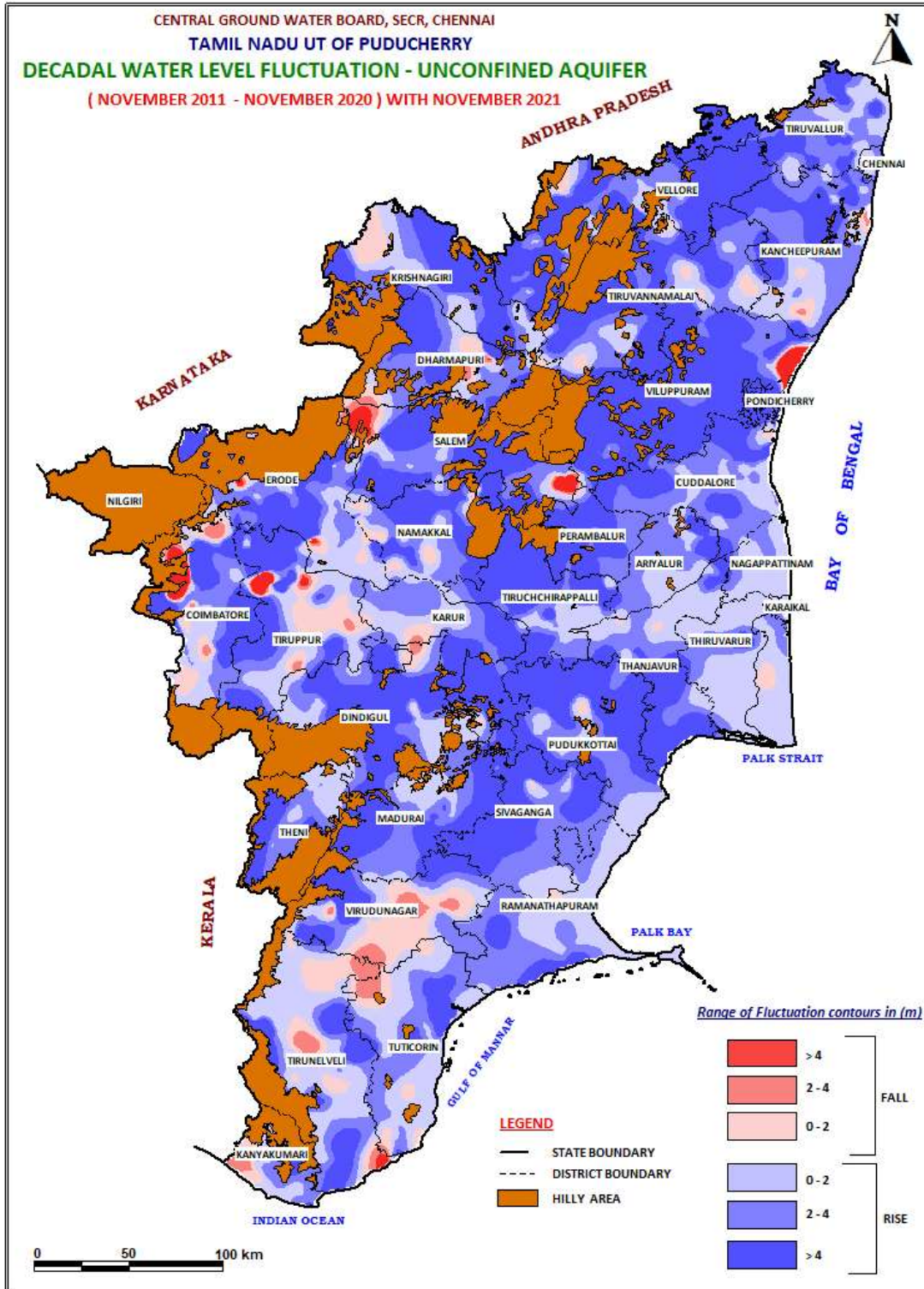
## **Mean Water Levels For The Period November 2011-2020 & November 2021:**

The statement showing the distribution of ground water monitoring wells falling in different ranges of fluctuation is presented in **Table-19** and **Plate-XIV**. A comparison of water level shows that a rise in the water level is recorded in 85.4% of wells analysed, while 14.6% recorded fall. Salient features of the comparison of water levels are given below. The rise is mainly in 0-2 m range and the fall is also in the same range.

1. The districts of Tamilnadu and UT of Puducherry have recorded rise in more than 70% wells.
2. Rise in the water level in the range of 0-2m has been observed in 32.3% of wells analysed, noted all over the State and U.T. of Puducherry.
3. Rise in the water level of 2 to 4 m has been observed in 26% and of wells analysed and noted all over the State mainly in Cuddalore, Erode, Kanchi, Namakkal, Salem, Trichy, vellore, and Villupuram districts.
4. Rise in the water level more then 4 m has been observed in 27.1% and of wells analysed and noted mainly in Coimbaote, Dindigul, Erode, Kancheepuram, Namakkal, Perambalur and Salem districts.
5. The fall in water level in the range of 0-2m has been observed in 10.1% of wells analysed and spread all over the State and U.T. of Puducherry.
6. The fall in water level in the range of 2-4m has been observed in 2.2% of wells analysed and noted mainly in Coimbaore and Erode, Kancheepuram, Namakkal, Tirunelveli, Tiruppur and Virudunagar districts.
7. The fall in water level more than 4 m has been observed in 2.3% of wells analysed and noted as isolated pockets mainly in Coimbatore, Erode, Salem, Theni, Virudunagar districts.

**Table 19: Decadal Water level fluctuation - November 2021 with Decadal average of November 2011-20  
-Unconfined**

S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
1	Ariyalur	4	4	1				9	
2	Chennai	7	7	1				15	
3	Coimbatore	10	7	15	3	2	4	32	9
4	Cuddalore	16	12	2	1			30	1
5	Dharmapuri	7	6	3	6	1	1	16	8
6	Dindigul	7	6	11	3	1		24	4
7	Erode	28	17	18	14	2	4	63	20
8	Kancheepuram	8	12	20	4	2		40	6
9	Kanyakumari	7	3	1	2		1	11	3
10	Karur	5	5	2				12	0
11	Krishnagiri	6	8		4			14	4
12	Madurai	6	8	8				22	0
13	Nagapattinam	12	3		1			15	1
14	Namakkal	8	13	17	7	2		38	9
15	Nilgiris	7	1		1			8	1
16	Perambalur	1	5	11				17	0
17	Pudukkottai	8	5	12	1			25	1
18	Ramanathapuram	13	8	3	2		1	24	3
19	Salem	7	18	14	2		3	39	5
20	Sivaganga	1	4	3	1			8	1
21	Thanjavur	9	4	1	3			14	3
22	Theni	5	4	1	2		2	10	4
23	Thiruvannamalai	7	6	7	4			20	4
24	Tirunelveli	16	3	4	7	2	1	23	10
25	Tiruppur	9	3	5	3	2		17	5
26	Tiruvallur	14	10	11	1			35	1
27	Tiruvarur	5	2					7	0
28	Trichy	10	11	20	2			41	2
29	Tuticorin	13	6	1	5	1		20	6
30	Vellore	9	10	17	3			36	3
31	Villupuram	6	10	21			1	37	1
32	Virudhunagar	2	2	2	5	4	2	6	11
1	Karaikal	3	1					4	0
2	Pondicherry	3		2				5	0
	<b>Total</b>	<b>279</b>	<b>224</b>	<b>234</b>	<b>87</b>	<b>19</b>	<b>20</b>	<b>737</b>	<b>126</b>
	<b>%</b>	<b>32.3</b>	<b>26.0</b>	<b>27.1</b>	<b>10.1</b>	<b>2.2</b>	<b>2.3</b>	<b>85.4</b>	<b>14.6</b>



### **Confined Aquifer:**

The Piezometric surface data of November 2021 were compared with mean water level for the period November 2011-2020. The district-wise distribution of Ground water monitoring wells falling in different ranges of water level fluctuation is presented in **Table-20**. A comparison of water level shows a rise in 83.2% and a fall in 16.8% of the wells. While rise is more in >4 m range the fall is mainly in >4 m range.

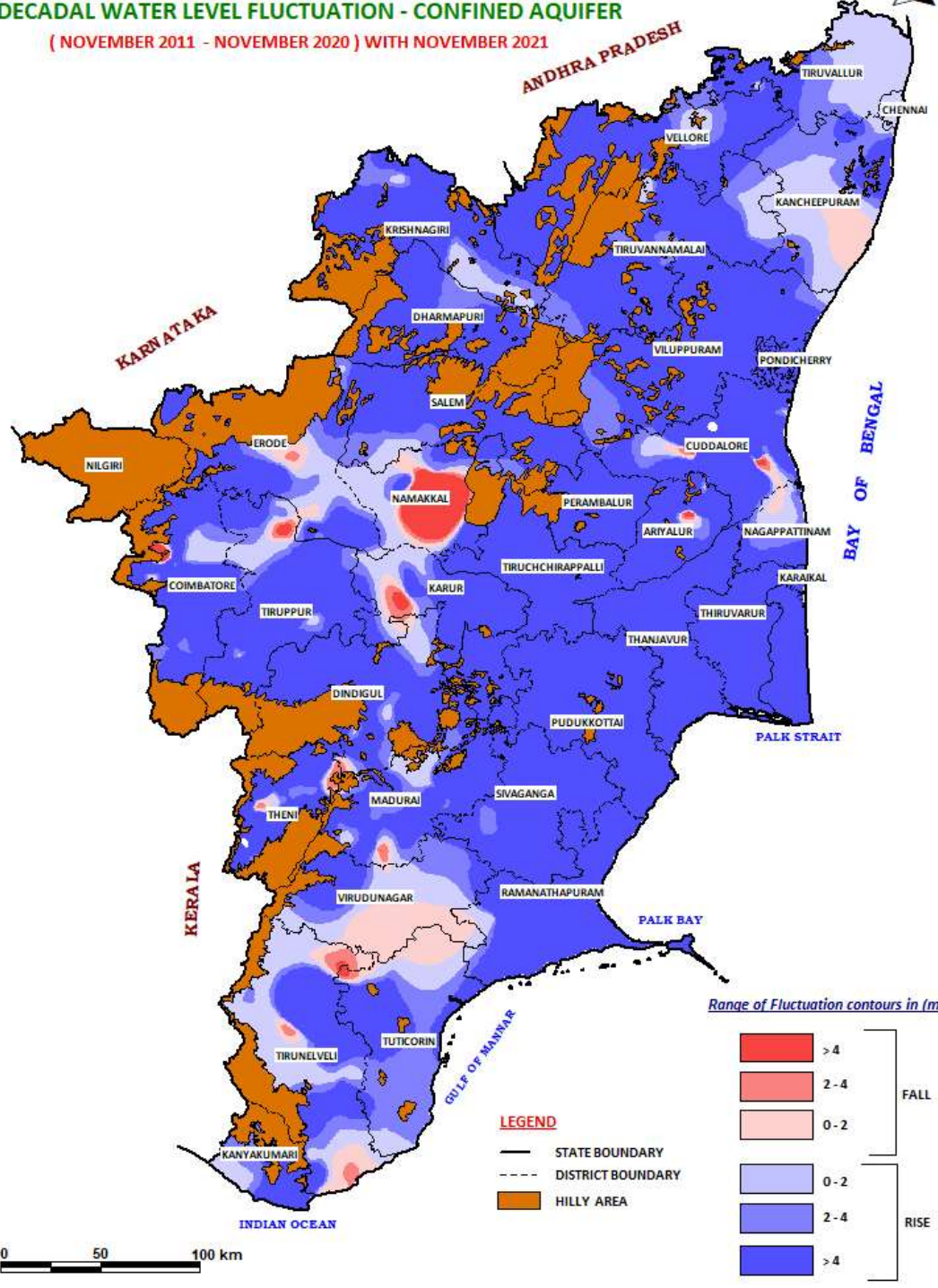
1. Most of the districts have recorded rise in more than 50% wells except Ariyalur, Namakkal and Nagapattinam districts.
2. Rise in the water level in the range of 0-2m has been observed in 22.5% of wells analysed, spread all over the State, predominantly in Coimbatore, Dindigul, Erode, Kanchipuram, Madurai, Theni and Tirunelveli districts.
3. Rise in the water level in the range of 2-4 m has been observed in 17.6% of wells analysed and noted mainly Erode, Madurai and Theni district.
4. Rise in water level more than 4 m has been observed in 43.1% of wells analysed and noted in Coimbatore, Cuddalore, Erode, Madurai, Theni districts and UT of puduchery.
5. The fall in water level in the range of 0-2m has been observed in 6.1% of wells analysed and noted in Ariyalore, Erode, Namakkal and Tuticorin districts.
6. The fall in water level in the range of 2-4m has been observed in 3.4% of wells analysed and noted in Theni and Tirunelveli districts.
7. Fall in water level more than 4 m has been observed in 7.3% of wells analysed and noted mostly in Ariyalur, Cuddalore, and Namakkal districts

**Table 20: Decadal Water level fluctuation - November 2021 with Decadal average of November 2011-20 -Confined**

S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
		< 2	2-4	> 4	< 2	2-4	>4		
1	Ariyalur		1	5	2	1	4	6	7
2	Chennai	1						1	0
3	Coimbatore	4	4	17	1		1	25	2
4	Cuddalore	1	4	15	1	1	7	20	9
5	Dharmapuri		2	1				3	0
6	Dindigul	3	3	5				11	0
7	Erode	4	5	8	2	1	1	17	4
8	Kancheepuram	5	1	1	1			7	1
9	Kanyakumari	1	2					3	0
10	Karur	2		3			1	5	1
11	Krishnagiri	3		5				8	0
12	Madurai	7	5	14	1		1	26	2
13	Nagapattinam			1	1	1		1	2
14	Namakkal	2		1	2		2	3	4
15	Perambalur			2				2	0
16	Ramanathapuram	1						1	0
17	Salem		4	5				9	0
18	Sivaganga		1	3				4	0
19	Theni	4	5	10	1	3	1	19	5
20	Thiruvannamalai	2	2					4	0
21	Tirunelveli	9	3	1	1	2		13	3
22	Tiruppur	3	1					4	0
23	Tiruvallur	2						2	0
24	Tuticorin	1	1	2	2		1	4	3
25	Vellore	1		4				5	0
26	Villupuram	1	1	2				4	0
27	Virudhunagar	2	1	1	1			4	1
28	Pondicherry			7				7	0
		59	46	113	16	9	19	218	44
		22.5	17.6	43.1	6.1	3.4	7.3	83.2	16.8



CENTRAL GROUND WATER BOARD, SECR, CHENNAI  
 TAMIL NADU UT OF PUDUCHERRY  
**DECADAL WATER LEVEL FLUCTUATION - CONFINED AQUIFER**  
 ( NOVEMBER 2011 - NOVEMBER 2020 ) WITH NOVEMBER 2021

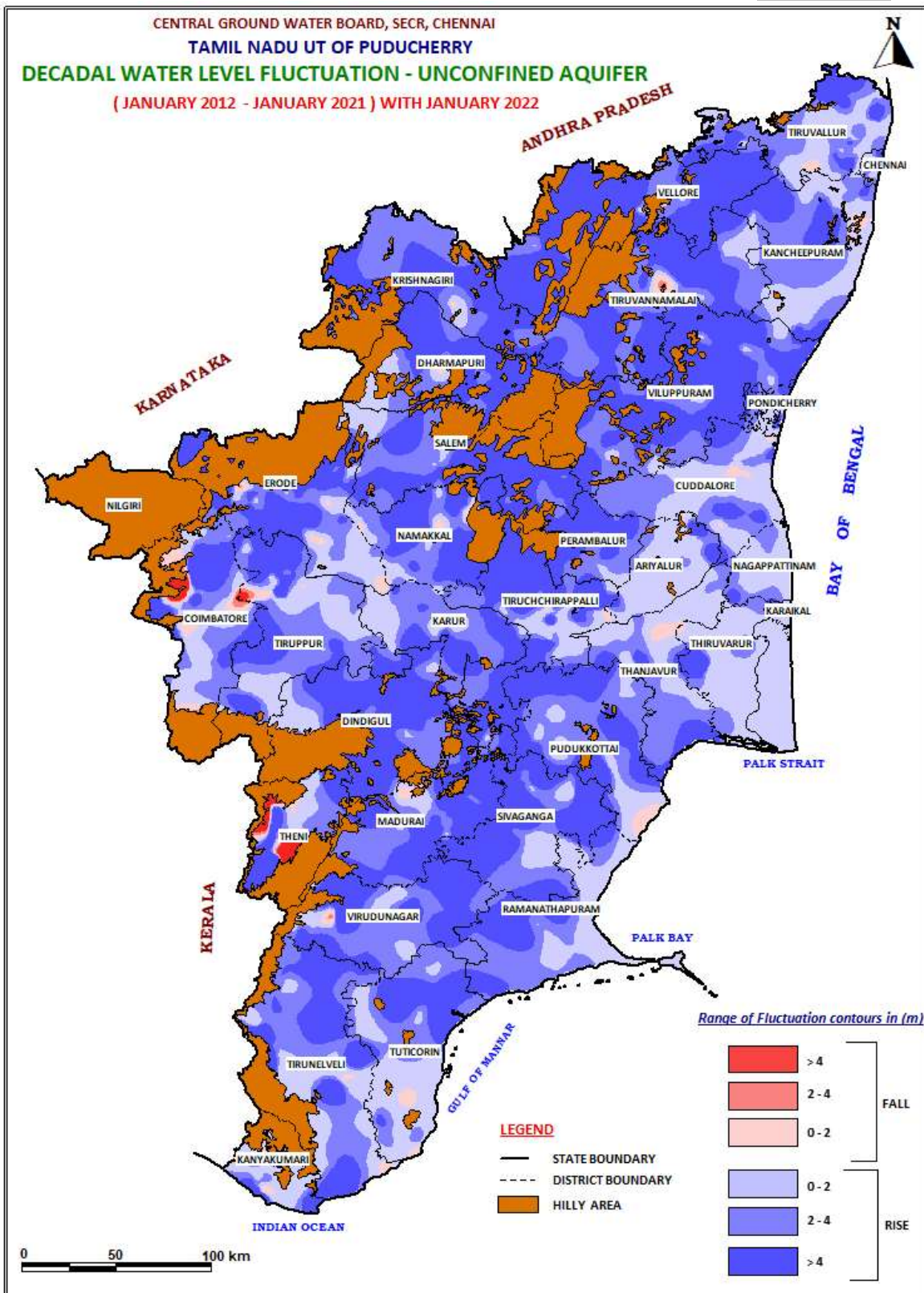


## **Mean Water Levels For The Period January 2012-2021 & January 2022:**

The distribution of hydrograph network stations falling in different ranges of fluctuation is presented in **Table-21** and **Plate-XV**. A comparison of water levels shows that a rise in the water level is recorded in 91.3% of wells analysed, while 8.7 % recorded fall. While rise is more in 0-2 m range the fall is also in the same range.

1. The most of the districts of Tamilnadu and UT of Puducherry have recorded rise in more than 50% wells.
2. Rise in the water level in the range of 0-2m has been observed in 35.9% of wells analysed, noted all over the State and UT of Puducherry.
3. Rise in the water level of 2 to 4 m has been observed in 26.4% and of wells analysed and noted all over the state except Ariyalur, Karaikal UT of Puducherry.
4. Rise in the water level more then 4 m has been observed in 29% and of wells analysed and noted all over the state except Ariyalur, Nagapattinam, Nilgiri, Thanjavur, Tiruvarur district of Tamilnadu and Karaikal UT of Puducherry.
5. The fall in water level in the range of 0-2m has been observed in 6.5% of wells analysed and spread most the districts in the State and U.T. of Puducherry.
6. The fall in water level in the range of 2-4m has been observed in 1.5% of wells analysed and noted mainly Erode, Kanchipuram and Tiruvallur districts.
7. The fall in water level more than 4 m has been observed in 0.8% of wells analysed and noted as isolated pockets mainly in Coimbatore, and Theni districts.

S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
		< 2	2-4	> 4	< 2	2-4	>4		
1	Ariyalur	6			2			6	2
2	Chennai	8	4	2				14	0
3	Coimbatore	13	8	12	5	1	3	33	9
4	Cuddalore	20	5	1	6		1	26	7
5	Dharmapuri	3	5	18	1			26	1
6	Dindigul	4	8	13				25	0
7	Erode	29	23	29	7	2		81	9
8	Kancheepuram	19	21	4	4	2		44	6
9	Kanyakumari	7	3	4	2			14	2
10	Karur	5	2	5	1			12	1
11	Krishnagiri	4	6	7	2			17	2
12	Madurai	6	4	11	1			21	1
13	Nagapattinam	13	3					16	0
14	Namakkal	9	10	24	2	1		43	3
15	Nilgiris	6	2			1		8	1
16	Perambalur	3	7	8				18	0
17	Pudukkottai	12	7	8	2			27	2
18	Ramanathapuram	12	7	3	1			22	1
19	Salem	7	16	23			1	46	1
20	Sivaganga	3	5	4				12	0
21	Thanjavur	9	4		3			13	3
22	Theni	5	5	1	3	1	2	11	6
23	Thiruvannamalai	3	9	9	1	1		21	2
24	Tirunelveli	16	7	9	4			32	4
25	Tiruppur	11	4	6	2			21	2
26	Tiruvallur	16	11	5	2	2		32	4
27	Tiruvarur	6	1					7	0
28	Trichy	20	9	15	1			44	1
29	Tuticorin	12	9	3	2	1		24	3
30	Vellore	9	8	17				34	0
31	Villupuram	13	14	9				36	0
32	Virudhunagar	3	4	6	1	1		13	2
1	Karaikal	4						4	0
2	Pondicherry	1	2		2			3	2
	<b>Total</b>	<b>317</b>	<b>233</b>	<b>256</b>	<b>57</b>	<b>13</b>	<b>7</b>	<b>806</b>	<b>77</b>
	<b>%</b>	<b>35.9</b>	<b>26.4</b>	<b>29.0</b>	<b>6.5</b>	<b>1.5</b>	<b>0.8</b>	<b>91.3</b>	<b>8.7</b>



### **Confined Aquifer:**

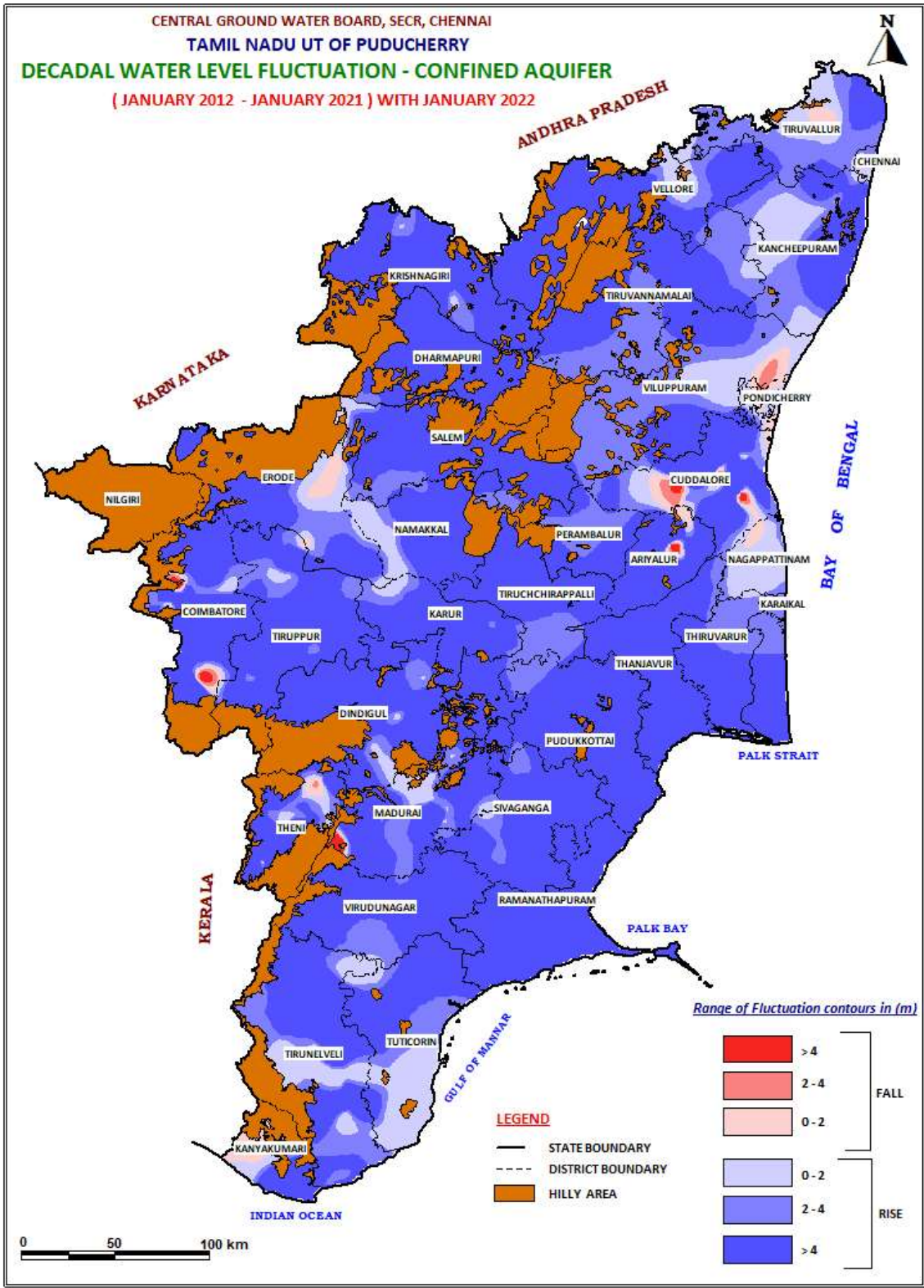
The Piezometric surface data of January 2022 were compared with mean water level for the period January 2012-2021. The district-wise distribution of Ground water monitoring wells rising and falling in different ranges of water level fluctuation is presented in **Table-22**. A comparison of water level shows a rise in 84.8% and a fall in 15.2% of the wells. While rise is more in >4 m range the fall is mainly in >4 m range.

1. The entire state have recorded rise in more than 50% wells, Nagapattinam, and Puducherry region of UT of Puducherry
2. Rise in the water level in the range of 0-2m has been observed in 20.6% of wells analysed, spread all over the State, predominantly in Coimbatore, Cuddalore, Dindigul, Kanchipuram Madurai and Tirunelveli districts.
3. Rise in the water level in the range of 2-4 m has been observed in 18.1 % of wells analysed and noted mainly in Coimbatore, Erode, Madurai and Theni districts.
4. Rise in water level more than 4 m has been observed in 46.2% of wells analysed and noted in Coimbatore, Cuddalore, Erode, Madurai, Salem, Theni districts.
5. The fall in water level in the range of 0-2m has been observed in 5.4% of wells analysed and noted in Ariyalur, Cuddalore, Nagapattinam districts and UT of Puducherry.
6. The fall in water level in the range of 2-4m has been observed in 1.4% of wells analysed and noted mainly in Ariyalur, Cuddalore Theni and Villupuram districts.
7. Fall in water level more than 4 m has been observed in 8.3% of wells analysed and noted mostly Ariyalur, Cuddalore and Puducherry region of UT of Puducherry.

: Decadal Water level fluctuation - January 2022 with Decadal average of January 2012-21 - Confined									
S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
		< 2	2-4	> 4	< 2	2-4	>4		
1	Ariyalur			5	3	1	5	5	9
2	Chennai	1						1	0
3	Coimbatore	4	5	17	1		2	26	3
4	Cuddalore	5	3	17	4	1	11	25	16
5	Dharmapuri	1		2				3	0
6	Dindigul	4		7				11	0
7	Erode		7	13			1	20	1
8	Kancheepuram	6	2	1				9	0
9	Kanyakumari	1		1	1			2	1
10	Karur	1	2	3				6	0
11	Krishnagiri	3		3				6	0
12	Madurai	6	7	12			1	25	1
13	Nagapattinam			1	2			1	2
14	Namakkal	3		4				7	0
15	Perambalur		1	1				2	0
16	Pudukkottai		1					1	0
17	Ramanathapuram			1				1	0
18	Salem		2	7				9	0
19	Sivaganga		2	1				3	0
20	Theni	4	9	10	1	1		23	2
21	Thiruvannamalai		3	2				5	0
22	Tirunelveli	9	2	7				18	0
23	Tiruppur	3		1				4	0
24	Tuticorin	4		3				7	0
25	Vellore			4	1			4	1
26	Villupuram	2	2			1		4	1
27	Virudhunagar		1	4				5	0
28	Pondicherry		1	1	2		3	2	5
	<b>Total</b>	57	50	128	15	4	23	235	42
	<b>%</b>	20.6	18.1	46.2	5.4	1.4	8.3	84.8	15.2



CENTRAL GROUND WATER BOARD, SECR, CHENNAI  
 TAMIL NADU UT OF PUDUCHERRY  
**DECADAL WATER LEVEL FLUCTUATION - CONFINED AQUIFER**  
 ( JANUARY 2012 - JANUARY 2021 ) WITH JANUARY 2022



Range of Fluctuation contours in (m)

	> 4	FALL
	2 - 4	
	0 - 2	
	0 - 2	RISE
	2 - 4	
	> 4	

**LEGEND**  
 — STATE BOUNDARY  
 - - - DISTRICT BOUNDARY  
 ■ HILLY AREA

0 50 100 km



## Annual Fluctuation

Annual fluctuation of water level is calculated by comparing the water level of the particular period during last year with water level of the same period of current year. This indicates the impact of ground water development and ground water recharge during one year. Positive fluctuation indicates improved recharge over and above ground water development and negative fluctuation indicates increased ground water development over and above the recharge.

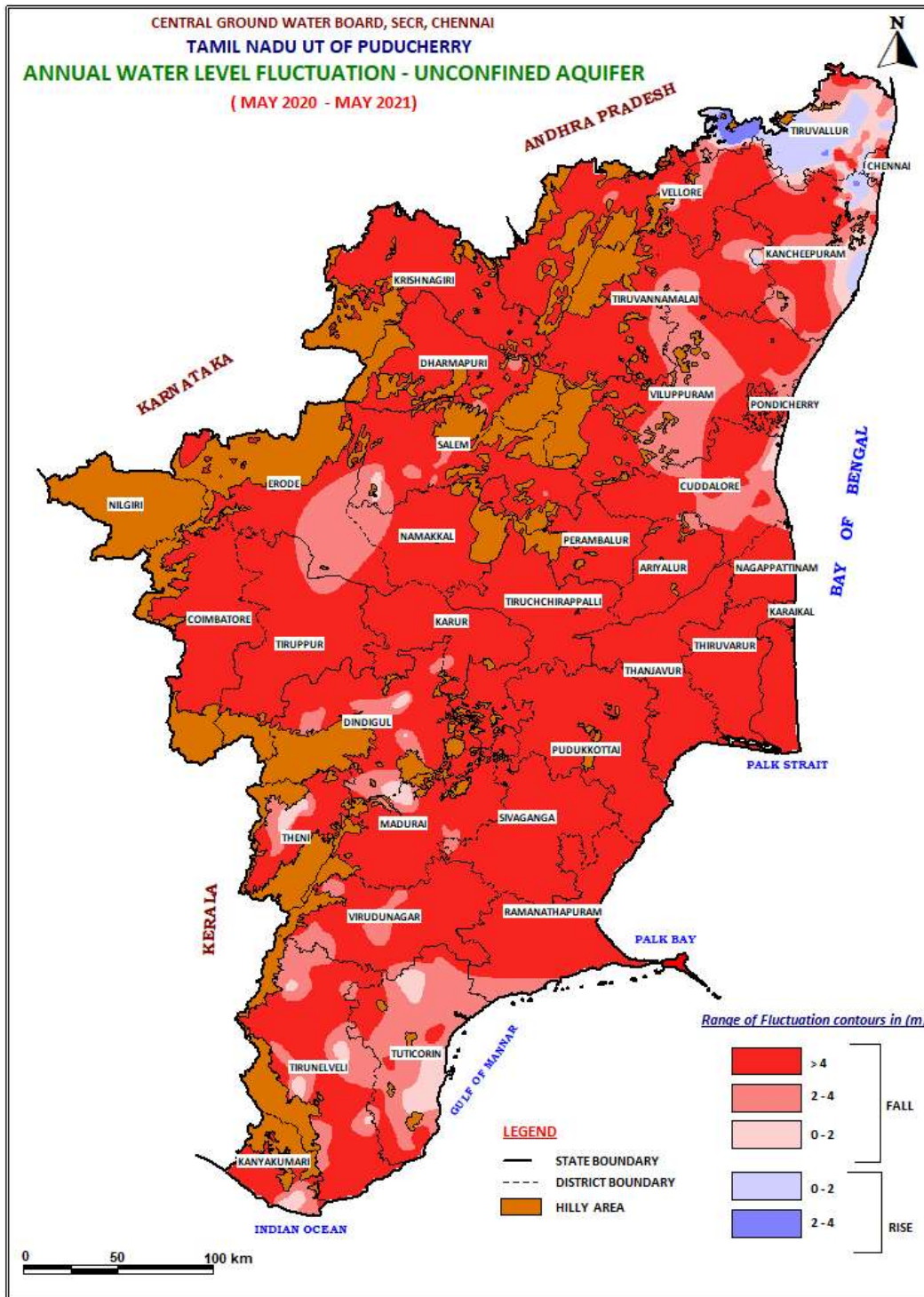
### Water Levels for the Period May 2020 & May 2021:

The district-wise distribution of Ground water monitoring wells falling in different ranges of water level fluctuation is presented in **Table-24** and **Plate-XVI**

1. 11.9 % of the wells have recorded rise in water level while comparing the May 2021 water level with the same period of 2020. The decline of > 4 m is in 55.4% of wells. Next the decline <2 is dominant with 8.2%. Decline of 2-4 m is observed in 24.5 % of wells. The rise is predominantly in <2 m with 9.4%. Rise of 2-4m is observed in 1.9%. The rise of > 4 m is in 0.5% of wells analysed. All districts of Tamil Nadu have experienced fall in more than 50% of the wells.
2. 75% of the wells of Pondicherry district of UT of Puducherry have recorded water level > 10 mbgl. While 25 % of the wells have recorded 5-10 m range, 40% of the wells have recorded 20-40 m range. 35 % of the wells have recorded 10-20 m range.
3. 100% of the wells of Pondicherry district of UT of Puducherry have recorded fall in the water levels while comparing with the May 2020 water level with May 2021. Fall is mostly in >4 m range with 60%. 20% of the wells have recorded 2-4 m rise. The fall is also more in 0-2 m range with 20% of wells.

**Table-24 : Annual Water level fluctuation - Pre monsoon May 2021 with May -20 - Unconfined**

S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
		< 2	2-4	> 4	< 2	2-4	>4		
1	Chennai	5	1	1		2	6	7	8
2	Cuddalore				3	12	10	0	25
3	Dharmapuri					4	23	0	27
4	Dindigul				3	9	16	0	28
5	Kancheepuram	18	4		5	8	12	22	25
6	Kanyakumari				2	1	13	0	16
7	Krishnagiri					1	6	0	7
8	Madurai				1	3	13	0	17
9	Salem				4	9	33	0	46
10	Theni				2	1	13	0	16
11	Thiruvannamalai					3	16	0	19
12	Tirunelveli				5	11	17	0	33
13	Tiruvallur	15	3	1	3	9	7	19	19
14	Tuticorin				5	10	12	0	27
15	Vellore	1				6	16	1	22
16	Villupuram					5	2	0	7
17	Virudhunagar					6	11	0	17
18	Pondicherry				1	1	3	0	5
	<b>Total</b>	39	8	2	34	101	229	49	364
	<b>%</b>	9.4	1.9	0.5	8.2	24.5	55.4	11.9	88.1

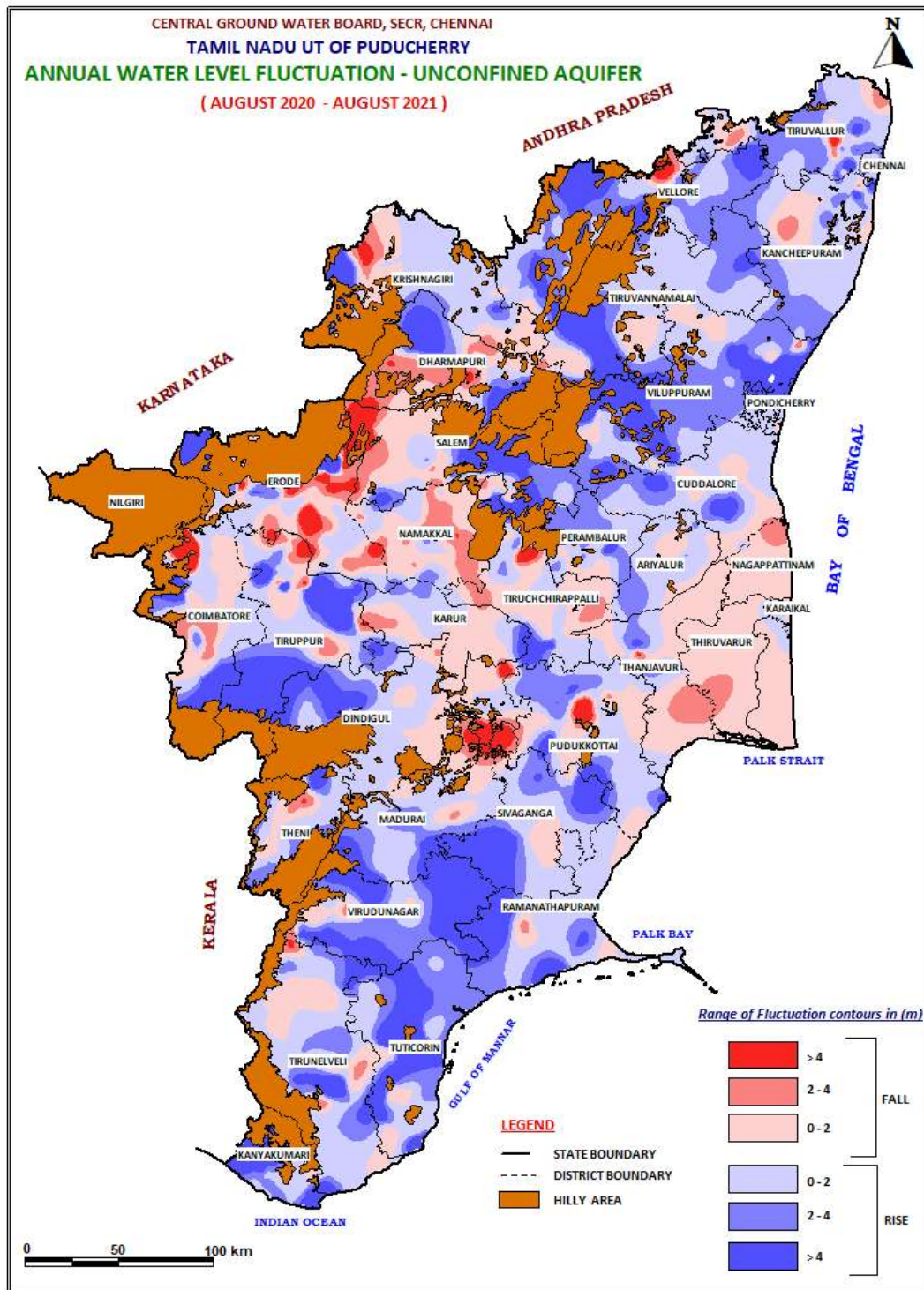


## **Water Levels for the Period August 2020 & August 2021:**

The water level data for August 2021 were compared with water level for the period August 2020. The district-wise distribution of Ground water monitoring wells falling in different ranges of water level fluctuation is presented in **Table-25** and **Plate-XVII**. A comparison of water level shows a rise in 56.7% and a fall in 43.3% of the wells. Both the rise and fall is mainly in 0-2 m range.

1. The Most of the districts of the state and UT of Puducherry have recorded rise in more than 50% wells except Coimbatore, Dharmapuri, Erode, Nagapattinam, Namakkal, Salem, Sivagangai, Thanjavur , Trichy districts and Karaikal Region UT of Puducherry.
2. Rise in the water level in the range of 0-2m has been observed in 33.3% of wells analysed, and found all over the state and Puducherry region of UT of Puducherry.
3. Rise in the water level in the range of 2-4 m has been observed in 13.6% of wells analysed and found mainly in Kanchipuram, Perambalur, Salem, Tiruvallur, Vellore and Villupuram districts.
4. Rise in water level more than 4 m has been observed in 9.8% of wells analysed and noted all over the state mainly in Tuticorin, Vellore and Villupuram districts.
5. The fall in water level in the range of 0-2m has been observed in 29.9% of wells analysed and noted all over the state as isolated patches except in Chennai.
6. The fall in water level in the range of 2-4m has been observed in 8.1% of wells analysed and noted as isolated patches mainly in Coimbatore, Erode and Namakkal districts.
7. Fall in water level more than 4 m has been observed in 5.3% of wells analysed and noted isolated patches in Erode, Salem, and Tricy districts.

<b>Table 25: Annual Water level fluctuation - August 2021 with August -2020 -Unconfined</b>									
<b>S.No</b>	<b>District</b>	<b>Water level fluctuation</b>						<b>No of wells recorded rise</b>	<b>No of wells recorded fall</b>
		<b>Range of rise (m)</b>			<b>Range of fall (m)</b>				
		<b>&lt; 2</b>	<b>2-4</b>	<b>&gt; 4</b>	<b>&lt; 2</b>	<b>2-4</b>	<b>&gt;4</b>		
1	Ariyalur	5	4		1			9	1
2	Chennai	9	3			1		12	1
3	Coimbatore	7	2	4	19	4	1	13	24
4	Cuddalore	15		1	11		1	16	12
5	Dharmapuri	5		2	8	6	2	7	16
6	Dindigul	14	2	3	7	1		19	8
7	Erode	19	2	5	21	17	14	26	52
8	Kancheepuram	26	9		11	1	1	35	13
9	Kanyakumari	5	4	5	1			14	1
10	Karur	4	1	2	5	1		7	6
11	Krishnagiri	10	1		4	1	1	11	6
12	Madurai	7	4	3	3	1		14	4
13	Nagapattinam	3			9	3		3	12
14	Namakkal	8	2	1	25	7	3	11	35
15	Nilgiris	4	1		3	1		5	4
16	Perambalur	5	8	1	4			14	4
17	Pudukkottai	11	4		6	2	1	15	9
18	Ramanathapuram	12	2		5	1		14	6
19	Salem	6	7	5	14	4	6	18	24
20	Sivaganga	1	1	1	4			3	4
21	Thanjavur	3	1	1	8	1	1	5	10
22	Theni	3	4		2	1	1	7	4
23	Thiruvannamalai	10	5	3	3		1	18	4
24	Tirunelveli	11	4	4	9	2	2	19	13
25	Tiruppur	4			6	1	1	4	8
26	Tiruvallur	12	8	1	4	3	2	21	9
27	Tiruvarur				7			0	7
28	Trichy	8	2	3	21	3	5	13	29
29	Tuticorin	7	4	10	4	1		21	5
30	Vellore	13	14	7	2	1		34	3
31	Villupuram	17	6	12	5			35	5
32	Virudhunagar	1	4	5	4	1		10	5
1	Karaikal	1			3			1	3
2	Pondicherry	2	1		2			3	2
	<b>Total</b>	<b>268</b>	<b>110</b>	<b>79</b>	<b>241</b>	<b>65</b>	<b>43</b>	<b>457</b>	<b>349</b>
	<b>%</b>	<b>33.25</b>	<b>13.65</b>	<b>9.801</b>	<b>29.9</b>	<b>8.065</b>	<b>5.335</b>	<b>56.7</b>	<b>43.3</b>



### **Confined Aquifer:**

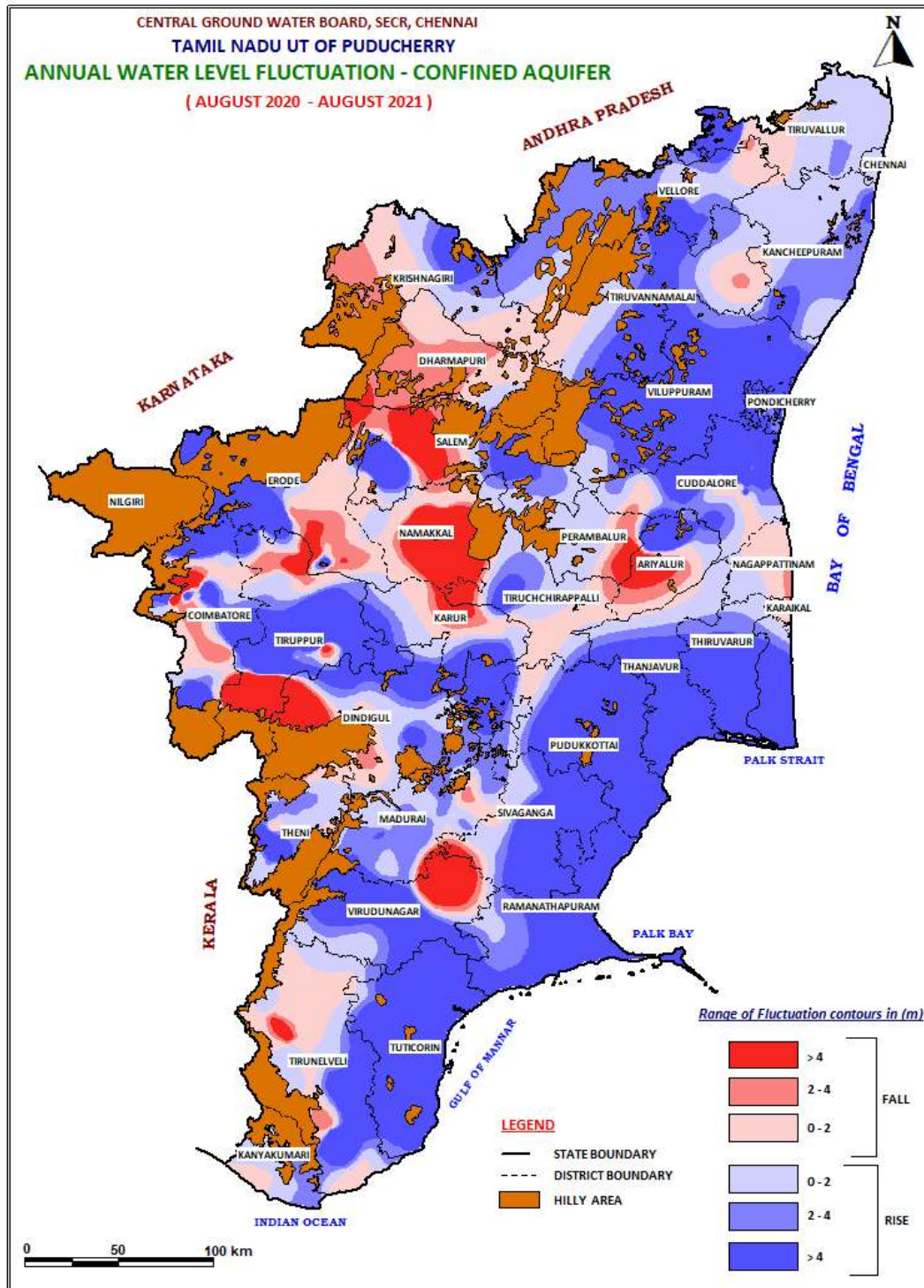
The Piezometric surface data of August 2021 were compared with that of August 2020. The district-wise distribution of Ground water monitoring wells falling in different ranges of water level fluctuation is presented in **Table-26**. A comparison of water level shows a rise in 64.1% and a fall in 35.9% of the wells. Both rise and fall is more in 0-2 m & 0-2 m range.

1. The entire state have recorded rise in more than 50% wells except Coimbatore, Dharmapuri, Erode, Karuru, Nagapattinam, Namakkal, Pudukottai and Salem Districts
2. Rise in the water level in the range of 0-2m has been observed in 25.1% of wells analysed, predominantly in Ariyalur, Coimbatore, Cuddalore, Dindigul Madurai, Theni and Tirunelveli districts.
3. Rise in the water level in the range of 2-4 m has been observed in 13.9% of wells analysed and noted mainly in Cuddalore, Madurai and Theni district.
4. Rise in water level more than 4 m has been observed in 25.9% of wells analysed and noted in Cuddalore, Madurai, Theni and Tuticorin districts.
5. The fall in water level in the range of 0-2m has been observed in 19.3 % of wells analysed and noted mainly in Ariyalur, Coimbatore, Cuddalore, Erode, Namakkal and Tirunelveli districts.
6. The fall in water level in the range of 2-4m has been observed in 7.3 % of wells analysed and noted mainly in Cuddalore and Erode districts.
7. Fall in water level more than 4 m has been observed in 9.3% of wells analysed and noted mostly in Coimbatore, Erode and Salem Districts.



**Table 26: Annual Water level fluctuation - August 2021 with August -2020 -confined**

S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
		< 2	2-4	> 4	< 2	2-4	>4		
1	Ariyalur	5	1	1	3		3	7	6
2	Chennai	1						1	0
3	Coimbatore	4	2	5	8	2	5	11	15
4	Cuddalore	4	4	20	5	4	1	28	10
5	Dharmapuri					1		0	1
6	Dindigul	4	1	3	1	1		8	2
7	Erode	2	2	3	4	4	5	7	13
8	Kancheepuram	3	1		1			4	1
9	Kanyakumari	1	1		1			2	1
10	Karur	2			2	1	1	2	4
11	Krishnagiri	3	1	1	2			5	2
12	Madurai	8	12	4	2	1		24	3
13	Nagapattinam			1	1		1	1	2
14	Namakkal	2			4	1	2	2	7
15	Perambalur	2				1		2	1
16	Pudukkottai				1			0	1
17	Ramanathapuram	1						1	0
18	Salem	1		2	2		3	3	5
19	Sivaganga	2		1				3	0
20	Theni	8	3	5	3		1	16	4
21	Thiruvannamalai	1	2	1		1		4	1
22	Tirunelveli	5	1	3	6	1	1	9	8
23	Tiruppur	1		1				2	0
24	Tiruvallur		1			1		1	1
25	Tuticorin			6	1			6	1
26	Vellore		1	2	1			3	1
27	Villupuram	1		3	1			4	1
28	Virudhunagar	2		2			1	4	1
29	Pondicherry	2	1	3	1			6	1
	Total	65	34	67	50	19	24	166	93
	%	25.1	13.1	25.9	19.3	7.3	9.3	64.1	35.9



### Water Levels for the Period November 2020 & November 2021:

The water level data for November 2021 were compared with water level for the period November 2020. The district-wise distribution of Ground water monitoring wells falling in different ranges of water level fluctuation is presented in **Table-27** and **Plate-XVIII**. A comparison of water level shows a rise in 54.8% and a fall in 45.2% of the wells. Both the rise and fall is mainly in 0-2 m and >4 m range.

1. The Districts of the Tamilnadu state and UT of Puducherry have recorded rise in more than 50% wells in some districts, Dharmapuri, Erode, Kanyakumari, Tirunelveli, Tuticorin and Virudunagar districts of the state.
2. Rise in the water level in the range of 0-2m has been observed in 25.3% of wells analysed, and found all over the state and UT of Puducherry.
3. Rise in the water level in the range of 2-4 m has been observed in 13.6% of wells analysed and found in Coimbatore, Cuddalore, Dindigul, Kanchipuram, Pudukottai, Trichy and Villupuram districts of the state.
4. Rise in water level more than 4 m has been observed in 16% of wells analysed and noted all over the state except in Coimbatore, Dindigul, Kancheepuram, Madurai, Perambalur, Trichy , vellore and Villupuram districts
5. The fall in water level in the range of 0-2m has been observed in 15.2% of wells analysed and noted all over the state and UT of Puducherry as isolated disconnected patches.
6. The fall in water level in the range of 2-4m has been observed in 11.2% of wells analysed and noted as isolated patches in some districts mainly in Erode, Namakkal, Tirunelveli, Tuticorin and Vellore districts.
7. Fall in water level more than 4 m has been observed in 18.8% of wells analysed and noted isolated patches in some districts particularly Erode, Namakkal, Tirunelveli, Tuticorin and Virudunagar districts.

S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
		< 2	2-4	> 4	< 2	2-4	>4		
1	Ariyalur	5	2	2				9	
2	Chennai	4	5	1	4	1		10	5
3	Coimbatore	10	7	12	8	1	3	29	12
4	Cuddalore	11	8	7	2	3		26	5
5	Dharmapuri	10			8	4	2	10	14

6	Dindigul	8	8	10			2	26	2
7	Erode				8	28	47	0	83
8	Kancheepuram	14	11	10	9	2		35	11
9	Kanyakumari				3	3	8	0	14
10	Karur	4	3	4	1			11	1
11	Krishnagiri	10	2		3	1	2	12	6
12	Madurai	5	3	9	4	1		17	5
13	Nagapattinam	7	5		3	1		12	4
14	Namakkal				4	15	28	0	47
15	Nilgiris	4	2		3			6	3
16	Perambalur	1	4	12				17	0
17	Pudukkottai	8	7	5	6			20	6
18	Ramanathapuram	15	3	4	3	1	1	22	5
19	Salem	17	5	4	10	3	5	26	18
20	Sivaganga	3		3	2	1		6	3
21	Thanjavur	8	3	1	4		1	12	5
22	Theni	6	2	1	1		4	9	5
23	Thiruvannamalai	8	3	5	5	2	1	16	8
24	Tirunelveli				8	12	13	0	33
25	Tiruppur	5	2		5	3	7	7	15
26	Tiruvallur	18	6	4	8			28	8
27	Tiruvarur	5	2					7	0
28	Trichy	15	10	9	5	1	3	34	9
29	Tuticorin				7	8	11	0	26
30	Vellore	7	5	11	5	5	6	23	16
31	Villupuram	4	7	23	2		2	34	4
32	Virudhunagar					1	16	0	17
1	Karaikal	3	1					4	0
2	Pondicherry	3	1	1				5	0
	<b>Total</b>	<b>218</b>	<b>117</b>	<b>138</b>	<b>131</b>	<b>97</b>	<b>162</b>	<b>473</b>	<b>390</b>
	<b>%</b>	<b>25.3</b>	<b>13.6</b>	<b>16.0</b>	<b>15.2</b>	<b>11.2</b>	<b>18.8</b>	<b>54.8</b>	<b>45.2</b>

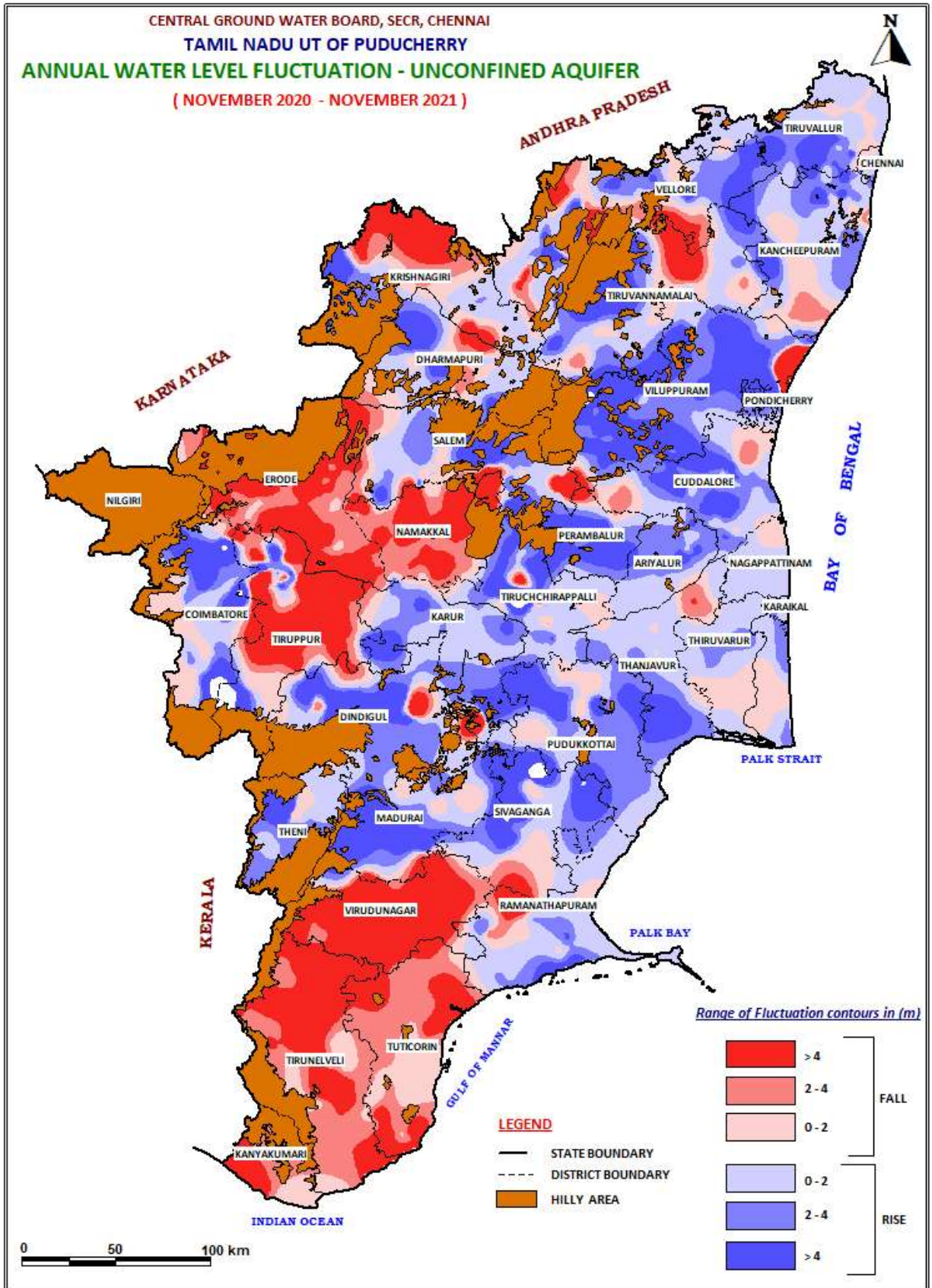
**Plate-XVIII**

CENTRAL GROUND WATER BOARD, SECR, CHENNAI

TAMIL NADU UT OF PUDUCHERRY

### ANNUAL WATER LEVEL FLUCTUATION - UNCONFINED AQUIFER

( NOVEMBER 2020 - NOVEMBER 2021 )



### **Confined Aquifer:**

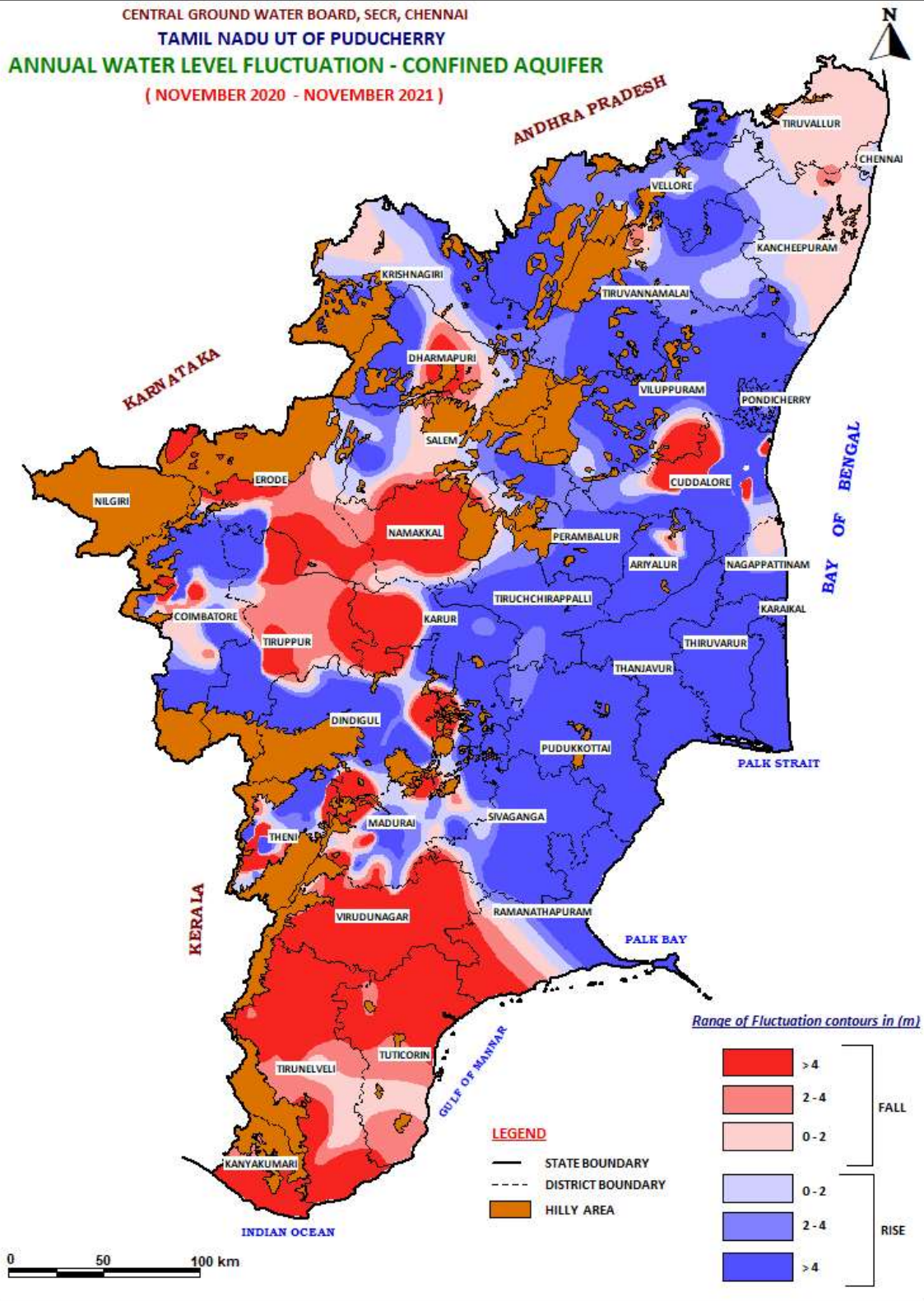
The Piezometric surface data of November 2021 were compared with that of November 2020. The district-wise distribution of Ground water monitoring wells falling in different ranges of water level fluctuation is presented in **Table-28**. A comparison of water level shows a rise in 56.5% and a fall in 43.5% of the wells. Both the rise and fall is mainly in >4 m range.

1. The entire state have recorded rise in more than 50% wells except Erode, Kanchipuram, Kanyakumari, Nagapattinam, Namakkal, Ramanathapuram, Tirunelveli, Tiruppur, Tuticorin and Virudunagar Districts.
2. Rise in the water level in the range of 0-2m has been observed in 14.9% of wells analysed, spread all over the State, predominantly in Coimbatore, Krishnagiri, Madurai, Salem and Theni districts.
3. Rise in the water level in the range of 2-4 m has been observed in 10.7% of wells analysed and noted mainly in Coimbatore, Madurai, Theni, Vellore districts.
4. Rise in water level more than 4 m has been observed in 30.9% of wells analysed and noted in Ariyalur, Coimbatore, Cuddalore, Madurai, Theni districts.
5. The fall in water level in the range of 0-2m has been observed in 8.8% of wells analysed and noted in Erode, Kanchipuram, Madurai and Tirunelveli districts.
6. The fall in water level in the range of 2-4m has been observed in 10.7% of wells analysed and noted in Erode, Tirunelveli and Tuticorin districts.
7. Fall in water level more than 4 m has been observed in 24% of wells analysed and noted mostly in Cuddalore, Erode, Madurai, Namakkal, Theni, Tirunelveli and Virudunagar districts.

**Table 28: Annual Water level fluctuation - November 2021 with November -2020 - confined**

S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
		< 2	2-4	> 4	< 2	2-4	>4		
1	Ariyalur	1	1	8		2	1	10	3
2	Chennai	1						1	0
3	Coimbatore	4	4	14	1	2	2	22	5
4	Cuddalore	3	2	16	1	1	6	21	8
5	Dharmapuri		1	1			1	2	1
6	Dindigul	3	2	5			1	10	1
7	Erode				3	6	12	0	21
8	Kancheepuram	3			4	1		3	5
9	Kanyakumari					1	2	0	3
10	Karur	2	1	2			1	5	1
11	Krishnagiri	4	1	2	1			7	1
12	Madurai	4	6	10	3	1	4	20	8
13	Nagapattinam			1	1	1		1	2
14	Namakkal				1	2	4	0	7
15	Perambalur			2				2	0
16	Ramanathapuram					1		0	1
17	Salem	4	1	3	1			8	1
18	Sivaganga		1	3				4	0
19	Theni	5	3	6	1		9	14	10
20	Thiruvannamalai	1	2			1		3	1
21	Tirunelveli				3	4	9	0	16
22	Tiruppur					1	3	0	4
23	Tiruvallur	1			1			1	1
24	Tuticorin				1	3	3	0	7
25	Vellore	1	2	2				5	0
26	Villupuram	2		2				4	0
27	Virudhunagar						5	0	5
28	Pondicherry		1	4	1	1		5	2
	Total	39	28	81	23	28	63	148	114
	%	14.9	10.7	30.9	8.8	10.7	24.0	56.5	43.5





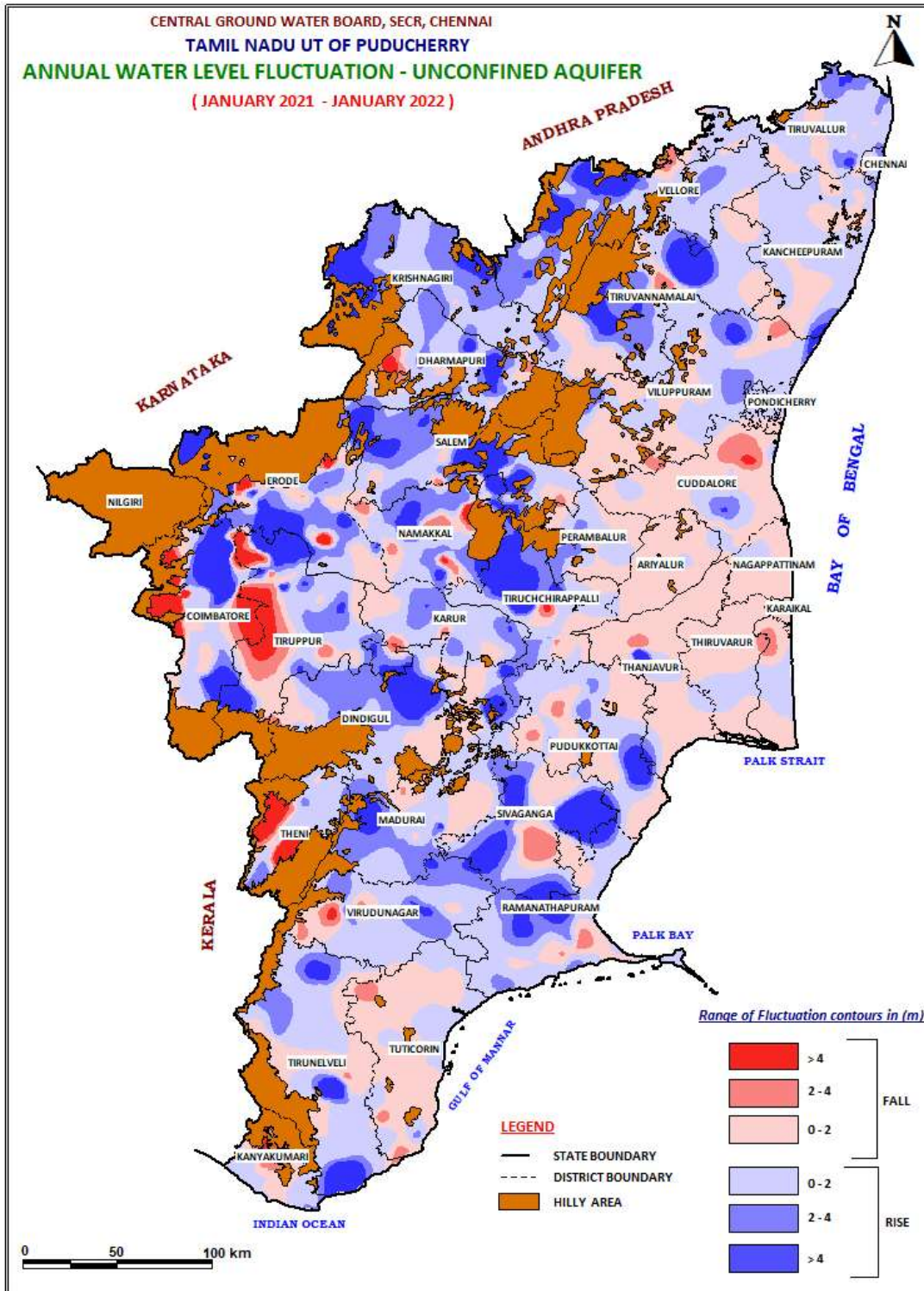
## **Water Levels for the Period January2021 & January2022:**

The water level data for January2022 were compared with water level for the period January 2021. The district-wise distribution of Ground water monitoring wells falling in different ranges of water level fluctuation is presented in **Table-29** and **Plate-XIX**. A comparison of water level shows a rise in 58.1% and a fall in 41.9% of the wells. Both the the rise and fall is mainly in 0-2 m range.

1. The entire state and UT of Puducherry have recorded rise in more than 50% wells except Nilgiri, Thanjavur, Tiruvarur districts of the state and UT of Puducherry.
2. Rise in the water level in the range of 0-2m has been observed in 35.8% of wells analysed, and found all over the state except Tiruvarur District and Karaikal Region UT of Puducherry.
3. Rise in the water level in the range of 2-4 m has been observed in 12% of wells analysed and found all over the state except Cuddalore , Kancheepuram , Thanjavur , Tiruvarur and Nagapattinam and UT of Puducherry.
4. Rise in water level more than 4 m has been observed in 10.3% of wells analysed and noted all over the state mainly in Coimbatore, Erode, Namakkal, Salem, Trichy districts.
5. The fall in water level in the range of 0-2m has been observed in 31.9% of wells analysed and noted all over the state as isolated disconnected patches and UT of Puducherry.
6. The fall in water level in the range of 2-4m has been observed in 5.4% of wells analysed and noted as isolated patches in some districts particularly Erode, Kanchipuram, Salem, Tirunelveli and Namakkal districts.
7. Fall in water level more than 4 m has been observed in 4.5% of wells analysed and noted isolated patches in some districts mainly in Coimbatore, Erode and Tiruppur district.

**Table 29: Annual Water level fluctuation - January 2022 with January 2021 - Unconfined**

S.No	District	Water level fluctuation						No of wells recorded rise	No of wells recorded fall
		Range of rise (m)			Range of fall (m)				
		< 2	2-4	> 4	< 2	2-4	>4		
1	Ariyalur				7	1		8	
2	Chennai	7	4	1	2		12	2	
3	Coimbatore	12	4	11	9		27	15	
4	Cuddalore	5		1	24		6	27	
5	Dharmapuri	10	5	4	6	1	19	8	
6	Dindigul	11	6	4	4		21	4	
7	Erode	27	14	20	18	3	61	29	
8	Kancheepuram	29			18	3	29	21	
9	Kanyakumari	6	2		7		8	8	
10	Karaikal				4		0	4	
11	Karur	5	1	3	2	1	9	4	
12	Krishnagiri	9	7	2	1		18	1	
13	Madurai	7	4	3	5	3	14	8	
14	Nagapattinam	7			8	1	7	9	
15	Namakkal	14	9	9	6	5	32	14	
16	Nilgiris	3	1		3	1	4	5	
17	Perambalur	6	3	1	8		10	8	
18	Pondicherry	4			1		4	1	
19	Pudukkottai	8	3	1	15	1	12	17	
20	Ramanathapuram	9	4	1	7	2	14	9	
21	Salem	18	7	7	9	4	32	15	
22	Sivaganga	4	3	1	3		8	4	
23	Thanjavur	3			12	1	3	13	
24	Theni	7	4		1	2	11	6	
25	Thiruvannamalai	10	3	3	6		16	7	
26	Tirunelveli	12	4	3	13	4	19	17	
27	Tiruppur	9			6	3	9	14	
28	Tiruvallur	22	1		10	3	23	13	
29	Tiruvarur				7		0	7	
30	Trichy	14	6	10	11	2	30	15	
31	Tuticorin	8	1		16	2	9	18	
32	Vellore	21	8	3	2		32	2	
33	Villupuram	4	1	1	27	3	6	30	
34	Virudhunagar	5	1	2	4	2	8	7	
1	Karaikal				4		0	4	
2	Pondicherry	4			1		4	1	
	<b>Total</b>	316	106	91	282	48	513	370	
	<b>%</b>	35.8	12.0	10.3	31.9	5.4	58.1	41.9	



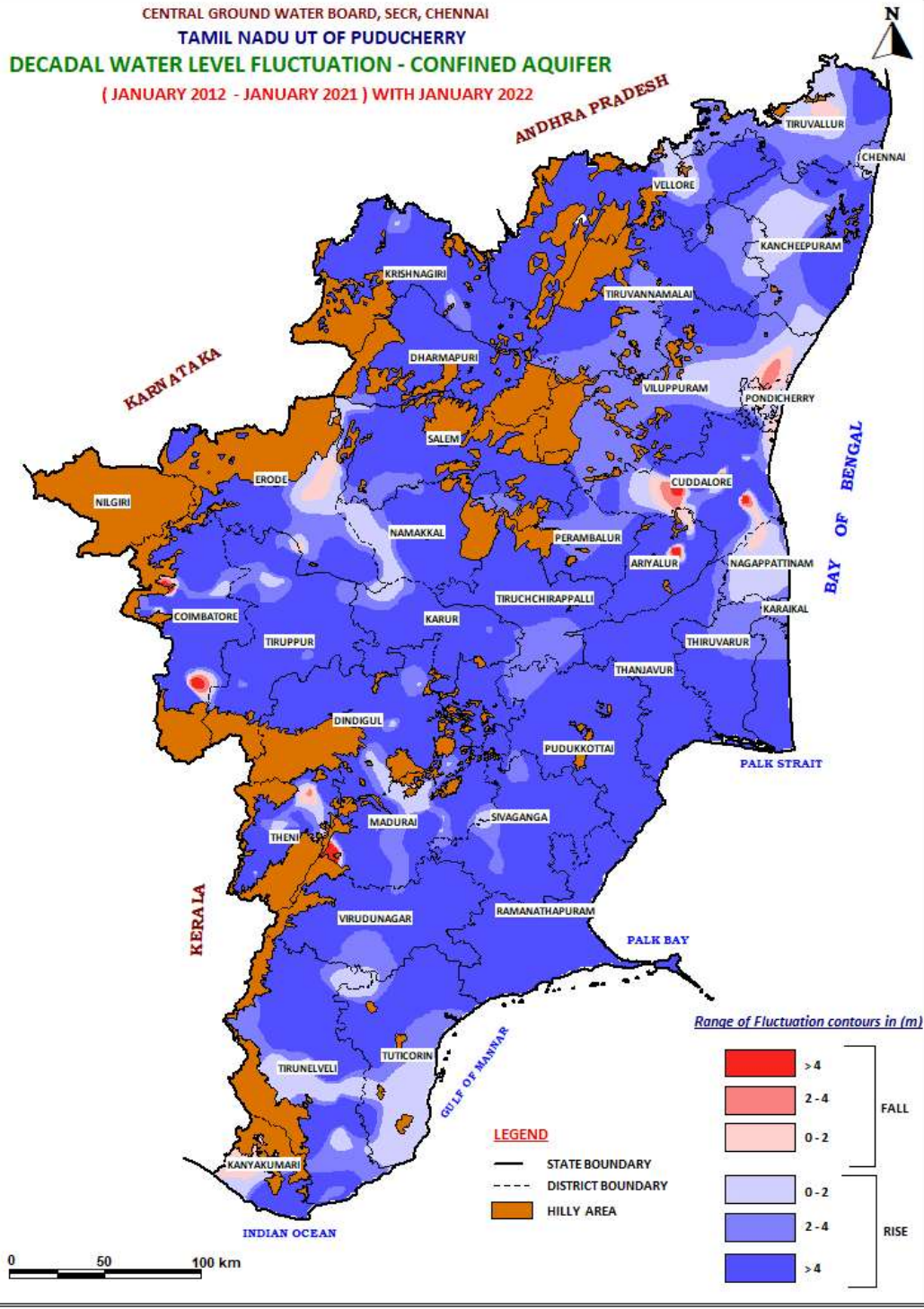
### **Confined Aquifer:**

The Piezometric surface data of January 2022 were compared with that of January 2021. The district-wise distribution of Ground water monitoring wells falling in different ranges of water level fluctuation is presented in **Table-30**. A comparison of water level shows a rise in 59.2% and a fall in 40.8% of the wells. Both the rise and fall is mainly in 0-2 m range.

1. The Most of the Districts of the state have recorded rise in more than 50% wells except few districts.
2. Rise in the water level in the range of 0-2m has been observed in 22% of wells analysed, spread all over the State, predominantly in Coimbatore, Cuddalore, Erode, Kanchipuram, Madurai, Salem and Theni districts.
3. Rise in the water level in the range of 2-4 m has been observed in 14.1% of wells analysed and noted mainly in Coimbatore, Cuddalore, Erode, Theni and Madurai districts.
4. Rise in water level more than 4 m has been observed in 23.1% of wells analysed and noted in Coimbatore, Cuddalore, Dindigul, Erode and Theni districts.
5. The fall in water level in the range of 0-2m has been observed in 22.7% of wells analysed and noted in Cuddalore, Kanchipuram, Madurai, Theni, tirunelveli and Tuticorin districts.
6. The fall in water level in the range of 2-4m has been observed in 5.4% of wells analysed and noted in some districts particularly in Cuddalore district.
7. Fall in water level more than 4 m has been observed in 12.6% of wells analysed and noted mostly Coimbatore, Cuddalore and Theni districts and UT of Puducherry.

<b>Table 30: Annual Water level fluctuation - January 2022 with January 2021 -Confined</b>									
<b>S.No</b>	<b>District</b>	<b>Water level fluctuation</b>						<b>No of wells recorded rise</b>	<b>No of wells recorded fall</b>
		<b>Range of rise (m)</b>			<b>Range of fall (m)</b>				
		<b>&lt; 2</b>	<b>2-4</b>	<b>&gt; 4</b>	<b>&lt; 2</b>	<b>2-4</b>	<b>&gt;4</b>		
1	Ariyalur	3	3	3	1	1	3	9	5
2	Chennai	1						1	0
3	Coimbatore	7	4	12	2		4	23	6
4	Cuddalore	4	6	8	7	4	12	18	23
5	Dharmapuri	1		2				3	0
6	Dindigul	3		5	2	1		8	3
7	Erode	5	4	6	2	3	1	15	6
8	Kancheepuram	4			5			4	5
9	Kanyakumari	1		1	1			2	1
10	Karur		1	2	3			3	3
11	Krishnagiri	1	1	3	1			5	1
12	Madurai	7	7	2	8	1	1	16	10
13	Nagapattinam	2			1			2	1
14	Namakkal	1	1	3	2			5	2
15	Perambalur	1			1			1	1
16	Pudukkottai				1			0	1
17	Ramanathapuram						1	0	1
18	Salem	4		3		1	1	7	2
19	Sivaganga		1		2			1	2
20	Theni	4	5	6	5	1	4	15	10
21	Thiruvannamalai	3		2				5	0
22	Tirunelveli	2	3	3	10			8	10
23	Tiruppur					1	3	0	4
24	Tuticorin	2			4	1		2	5
25	Vellore	1	1	2	1			4	1
26	Villupuram	1			3		1	1	4
27	Virudhunagar	3	2					5	0
28	Pondicherry			1	1	1	4	1	6
29	Ariyalur	3	3	3	1	1	3	9	5
	<b>Total</b>	61	39	64	63	15	35	164	113
	<b>%</b>	22.0	14.1	23.1	22.7	5.4	12.6	59.2	40.8







**LONG TERM WATERLEVEL TREND  
AREA SHOWING SIGNIFICANT DECLINE (0.1 M /YR) IN WATER  
LEVEL .**

Area showing significant decline ( $> 0.1$  m /yr) in water level during pre monsoon period (may 2012-may 2021) is analysed. Falling trend is recorded in 75% percent of shallow wells spreaded all over the state. 1.6% have recorded decline of  $>0.1$ m/year. The location of groundwater monitoring wells showing significant decline ( $>0.1$  m/year) during the pre monsoon period is furnished in the **Table – 31**.The long term water level trend of premonsoon is presented in **Plate –XX**. Rise of  $< 0.1$  m/year is recorded only in two wells, one in dharmapuri and one in erode district.

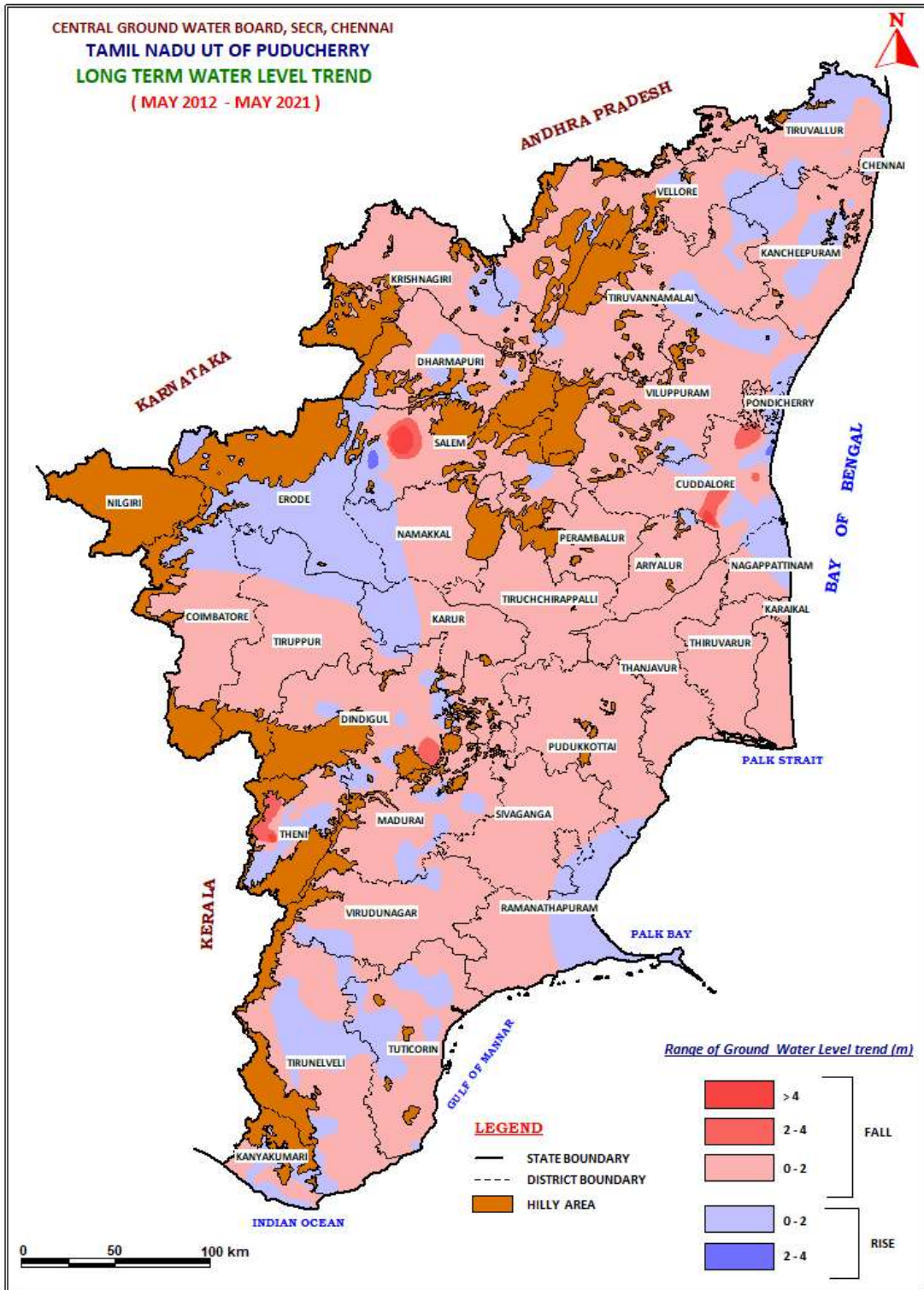
The significant decline in ground water levels in dug well during post monsoon (Jan 2012 – Jan 2021) is noticed in almost entire state (64% of wells analysed) and the details of wells showing significant decline ( $>0.1$  m/year) found in 1.86% of wells. The location of groundwater monitoring wells showing significant decline ( $>0.1$  m/year) during the post-monsoon period is furnished in the **Table – 32**. The long term water level trend of premonsoon is presented in **Plate –XXI**. Rise of  $< 0.1$  m/year is recorded in 1% also recorded as scattered patches spreaded in all the districts.

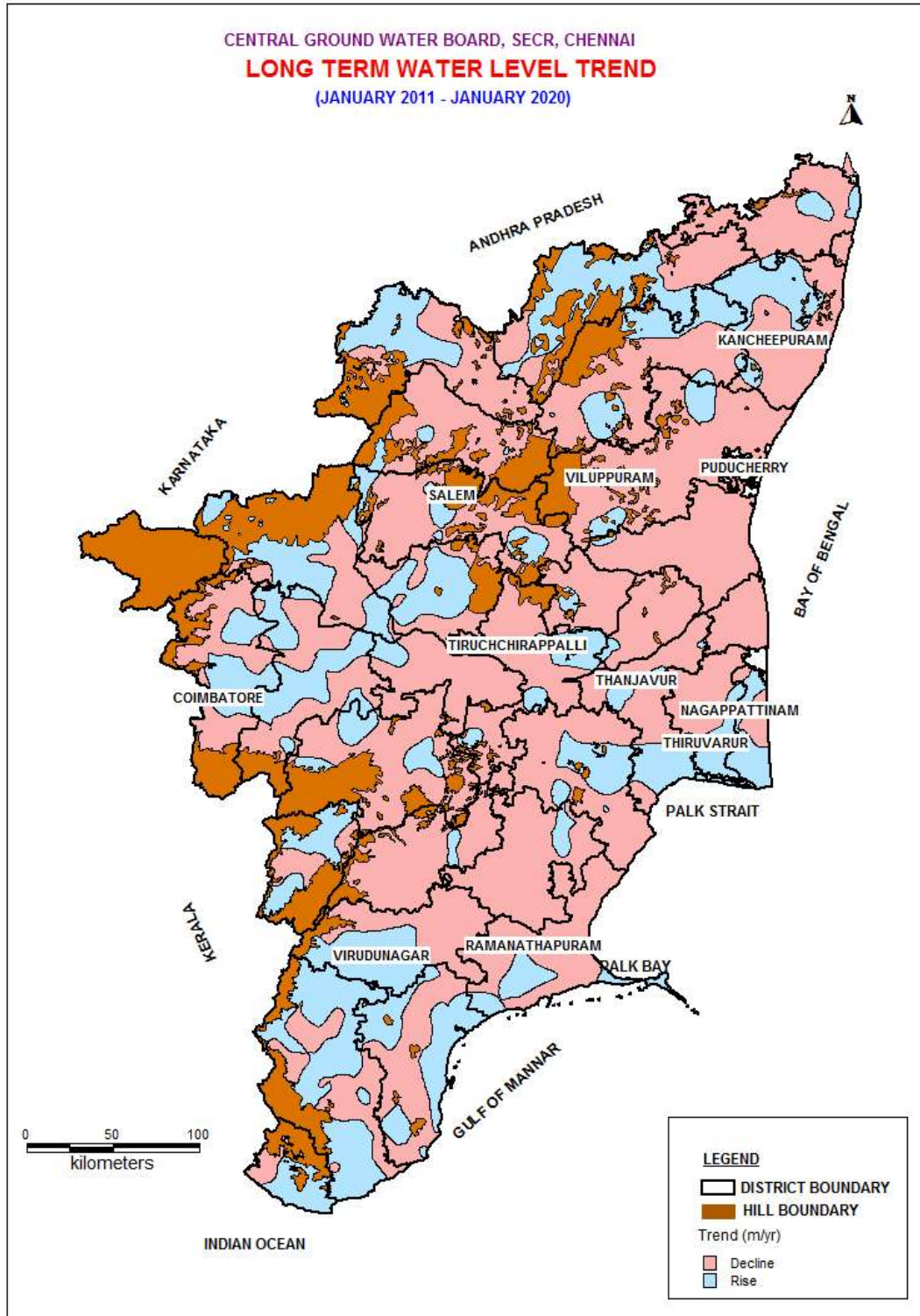
**Table – 31 Significant trend of fall ( $>0.1$  m/yr) during pre monsoon water levels in phreatic aquifer (May 2012- May 2021)**

<b>Sl.no</b>	<b>District</b>	<b>Location</b>	<b>Fall (m/yr)</b>
1.	Coimbatore	Vadavalli	-0.13796
2.	Erode	Kavundappadi	-0.11161
3.	Karur	Vaducheri	-0.30458
4.	Namakkal	T.Naickanpatti	-0.12231
5.	Perambalur	Ranjankudi	-0.10534
6.	Salem	Panamarathupatti2	-0.1605
7.	Tirunelveli	N. Vijayanarayanam	-0.10124
8.	Trichy	Peramangalam	-0.14221

**Table – 32. Significant trend of fall (>0.1 m/yr) during post monsoon water levels in phreatic aquifer (Jan 2012- Jan 2020)**

<b>Sl.no</b>	<b>District</b>	<b>Location</b>	<b>Fall (m/yr)</b>
1.	Ariyalur	G.k.cholapuram	-0.12315
2.	Coimbatore	Kaltanpet (karanampettai)	-0.17837
3.	Coimbatore	Vadavalli	-0.2147
4.	Pudukkottai	Konnaiyur	-0.13397
5.	Salem	Panamarathupatti2	-0.12184
6.	Trichy	Kannanurpalayam	-0.11678
7.	Trichy	Peramangalam	-0.12521
8.	Trichy	Thathayangarpet	-0.11979
9.	Virudhunagar	Watrap	-0.11339





#### IV. HYDROCHEMISTRY

The quality of shallow ground water in the state of Tamil Nadu has been evaluated by sampling and analysis of water sample collected from Ground Water Monitoring wells. About 620 Ground Water Monitoring wells were monitored for water quality during May 2021 representing pre-monsoon water quality. The district wise chemical analysis data of the samples are given in the Annexure-II. The summarized results of ground water quality ranges are given in Table 33.

**Table33: Ground water quality of SECR, during May-2021**

S. No	Parameters		Range	No. of sample	Percentage
1	Electrical Conductivity $\mu\text{s}/\text{cm}$ at 25°C	Fresh	< 750	115	18.5
		Moderate	751- 2250	331	53.4
		Slightly mineralized	2251- 3000	96	15.5
		Highly mineralized	> 3000	78	12.6
2	Chloride mg/l	Desirable limit	< 250	370	59.7
		Permissible limit	251-1000	223	36.0
		Beyond permissible limit	> 1000	27	4.3
3	Fluoride mg/l	Desirable limit	< 1.0	446	72.0
		Permissible limit	1.1- 1.5	123	20.0
		Beyond permissible limit	>1.5	51	8.0
4	Nitrate mg/l	Permissible limit	<45	382	61.6
		Beyond permissible limit	> 45	238	38.4

In general, the ground water quality in the state is fresh in about 18.5 % of the Ground Water Monitoring wells as indicated by the EC value less than 750  $\mu\text{s}/\text{cm}$  at 25°C. In about 53.4 % of the Ground Water Monitoring wells, the EC varies between 751 -2250 $\mu\text{s}/\text{cm}$  at 25°C and 15.5 % of Ground Water Monitoring wells are between 2251-3000  $\mu\text{s}/\text{cm}$  at 25°C indicating that the ground water is slightly mineralized and about 12.6 % of Ground Water Monitoring wells the EC is more than 3000  $\mu\text{s}/\text{cm}$  at 25°C indicating that the ground water is highly mineralized. The highest value 19600  $\mu\text{s}/\text{cm}$  at 25° C was observed in Nenmeni, Virudhunagar district. The details of well showing EC more than 3000  $\mu\text{s}/\text{cm}$  at 25° C is given in Table:34.-

**Table:34 Details of well shows Electrical conductivity more than 3000  $\mu\text{s}/\text{cm}$  at 25° C during May 2021**

S_NO	DISTRICT	LOCATION	Latitude	Longitude	EC $\mu\text{s}/\text{cm}$ at 25oC
1	Chennai	Vepery	13.0870	80.2681	3460
2	Cuddalore	Chidambaram	11.3833	79.6917	9520
3	Cuddalore	Nangudi	11.4133	79.5206	3430
4	Dharmapuri	Ecchambadi (K)	12.2017	78.3544	6950
5	Dharmapuri	Theerthamalai	12.1036	78.5889	3590
6	Dharmapuri	Thoppur	11.9403	78.0594	3520
7	Dharmapuri	A.Pallipatti	11.9403	78.4017	3150
8	Dindigul	Natham	10.2242	78.2294	7160
9	Dindugal	Thamaraipadi	10.4053	78.0453	4180
10	Dindugal	Vedasandur2	10.5306	77.9528	4160
11	Dindugal	Alagapuri	10.5983	77.9756	4050
12	Dindugal	Kanakkanpatti	10.4750	77.5667	4030
13	Dindugal	Muthampattipalayam	10.7272	78.1392	3230
14	Kancheepuram	Uthiramerur	12.6117	79.7344	8020
15	Kancheepuram	Kancheepuram	12.8336	79.7025	3930
16	Kancheepuram	Shollinganalore	12.9037	80.2330	3110
17	Kancheepuram	Vadekkal (Palnallur)	12.9036	79.9139	3080
18	Krishnagiri	Panneshwaramadam	12.3917	78.2469	3360
19	Madurai	Tirumangalam	9.8239	77.9883	5960
20	Madurai	M.Puliyankulam	9.8844	78.1825	3040
21	Salem	Sevantampatti	11.5653	78.0886	6710
22	Salem	Karumbapatti	11.5822	77.8611	6000
23	Salem	Uthamasozhapuram	11.6069	78.0933	5230
24	Salem	Naikarapatty	11.6219	78.1061	4270
25	Salem	Mamundi	11.5022	78.0564	4170
26	Salem	Salem	11.6611	78.1664	4000
27	Salem	Puthur	11.6264	78.7833	3660
28	Salem	Ayodhayapattinam	11.6697	78.2389	3330
29	Salem	Thandavarayapuram	11.5903	78.5558	3290
30	Salem	Pincheyai kodu	11.5925	78.1092	3250
31	Salem	Omalur	11.7422	78.0472	3170
32	Salem	Sivadapuram	11.6511	78.1097	3030
33	Theni	Silavarpatti pz	10.1197	77.6269	5620
34	Theni	T.Subbalapuram pz	9.0064	77.6547	4350
35	Theni	Okkaraipatti pz	9.9625	77.5694	4120
36	Thiruvannamalai	Nedumpirai OW	12.7078	79.5611	5580
37	Thiruvannamalai	Nedumpirai OW	12.7078	79.5611	5580
38	Thiruvannamalai	Venmani	12.5094	79.1467	5400
39	Thiruvannamalai	Andampallam OW	12.0989	79.1694	5390
40	Thiruvannamalai	Pennagar (Vellore )	12.8250	79.3917	3490
41	Tirunelveli	Tachchnallur	8.7458	77.7000	5700
42	Tirunelveli	Chettikulam	8.1667	77.6167	4850
43	Tirunelveli	Sivalarkulam OW	8.8692	77.5292	4260

44	Tirunelveli	Tiruvembalapuram	8.2542	77.7583	3580
45	Tirunelveli	Kadayanallur	9.0667	77.3458	3520
46	Tirunelveli	Kadayanallur	9.0667	77.3458	3220
47	Tirunelveli	Therkuvalliyur OW	8.3331	77.6239	3200
48	Tirunelveli	Mukkudal	8.7347	77.5208	3020
49	Tiruvallur	Kadapakkam	13.3792	80.2924	5760
50	Tiruvallur	Nandiambakkam	13.2714	80.2780	3760
51	Tiruvallur	Attipattu	13.2608	80.2861	3450
52	Tiruvallur	Minjur	13.2705	80.2631	3120
53	Tiruvallur	Mettukandigai	13.0957	79.9916	3020
54	Tuticorin	Tuticorin	8.8083	78.1389	10360
55	Tuticorin	Maniyatchi	8.8667	77.9000	8960
56	Tuticorin	Kurukkuchali	8.9306	78.0917	8440
57	Tuticorin	Villiseri	9.0583	77.8500	7520
58	Tuticorin	Udangudi	8.4342	78.2347	4390
59	Tuticorin	Ettayapuram	9.2178	77.9833	4350
60	Tuticorin	Eppodumvenran	9.0292	78.0458	4160
61	Tuticorin	Petmanagar	8.6500	77.9500	3820
62	Tuticorin	Tiruchendur-e	8.4944	79.2000	3580
63	Vellore	Ranipet	12.9303	79.3392	7020
64	Vellore	Sangilikuppam	12.7189	78.6619	5650
65	Vellore	Ambur	12.7853	78.7067	4990
66	Vellore	Kesavapuram	12.8525	79.1097	4480
67	Vellore	Avarakarai	12.9433	79.2869	3255
68	Vellore	Pernambattu	12.3792	78.8472	3210
69	Vellore	Kandili	12.4797	78.4514	3170
70	Vellore	Kariyakudal	12.9897	79.6178	3060
71	Villupuram	Brahmadesam	12.1170	79.4805	3720
72	Virudhunagar	Nenmeni	9.3250	78.0083	19600
73	Virudhunagar	Kalloorani	9.4639	78.1650	6150
74	Virudhunagar	Cholapuram	9.3833	77.5583	5160
75	Virudhunagar	Virudunagar	9.5833	77.9542	4710
76	Virudhunagar	Alangulam	9.3639	77.6861	4020
77	Virudhunagar	Vembakottai	9.3333	77.7667	3510
78	Virudhunagar	Aruppukottai-w	9.5125	78.0958	3260

The chloride content is less than 250 mg/l in about 59.7 % of the sample analyzed and 36.0 % of the sample are between 251 – 1000 mg/l and 4.3 % shows more than 1000mg/l which are from the districts of Cuddalore ,Dharmapuri, Dindigul, Salem, Theni,Thiruvannamalai, Tirunelveli, Tuticorin, Vellore and Viridhunagar. The details of wells showing chloride more than 1000 mg/l are given in Table35.



**Table35: List of well shows chloride more than permissible limit of 1000 mg/L during May 2021**

S_NO	DISTRICT	LOCATION	Latitude	Longitude	Chloride mg/L
1	Cuddalore	Chidambaram	11.3833	79.6917	2404
2	Dharmapuri	Ecchambadi (K)	12.2017	78.3544	1758
3	Dindigul	Natham	10.2242	78.2294	1529
4	Dindugal	Alagapuri	10.5983	77.9756	1156
5	Dindugal	Vedasandur2	10.5306	77.9528	1028
6	Kancheepuram	Uthiramerur	12.6117	79.7344	2382
7	Madurai	Tirumangalam	9.8239	77.9883	1337
8	Salem	Sevantampatti	11.5653	78.0886	1340
9	Salem	Karumbapatti	11.5822	77.8611	1064
10	Salem	Uthamasozhapuram	11.6069	78.0933	1014
11	Theni	Silavarapatti pz	10.1197	77.6269	1333
12	Theni	Okkaraipatti pz	9.9625	77.5694	1205
13	Thiruvannamalai	Nedumpirai OW	12.7078	79.5611	1418
14	Thiruvannamalai	Nedumpirai OW	12.7078	79.5611	1418
15	Thiruvannamalai	Andampallam OW	12.0989	79.1694	1375
16	Tirunelveli	Tachchnallur	8.7458	77.7000	1227
17	Tirunelveli	Chettikulam	8.1667	77.6167	1014
18	Tiruvallur	Kadapakkam	13.3792	80.2924	1448
19	Tuticorin	Tuticorin	8.8083	78.1389	2297
20	Tuticorin	Kurukkuchali	8.9306	78.0917	1468
21	Tuticorin	Udangudi	8.4342	78.2347	1035
22	Vellore	Ranipet	12.9303	79.3392	1864
23	Vellore	Sangilikuppam	12.7189	78.6619	1602
24	Vellore	Ambur	12.7853	78.7067	1367
25	Virudhunagar	Nenmeni	9.3250	78.0083	3616
26	Virudhunagar	Cholapuram	9.3833	77.5583	1276
27	Virudhunagar	Kalloorani	9.4639	78.1650	1184

The Fluoride content is less than 1.5 mg/l in about 92 % of the sample analyzed and about 8% of the sample shows more than 1.5 mg/l, which are from the districts of Cuddalore, Dharmapuri, Kancheepuram, Krishnagiri, Madurai, Salem, Theni, Thiruvannamalai, Tirunelveli, Tuticorin, Vellore and Virudhunagar. The details of well shows fluoride content more than 1.5 mg/l is given in Table.36

**Table: 36 List of well shows fluoride more than permissible limit of 1.5 mg/L during May 2021**

S_NO	DISTRICT	LOCATION	Latitude	Longitude	F mg/L
1	Cuddalore	Ko -Puvanar	11.6083	79.3167	2.18
2	Dharmapuri	Harur	12.0489	78.4767	1.70
3	Kancheepuram	Kancheepuram	12.8336	79.7025	1.76
4	Kancheepuram	Uthikadu	12.8267	79.8211	1.70
5	Kanyakumari	Kundal(west)	8.1031	77.5439	1.53
6	Kanyakumari	Kundal(west)	8.1031	77.5439	1.53
7	Krishnagiri	Billakottai	12.4089	78.1658	2.86
8	Krishnagiri	Thally	12.5828	77.6567	2.76
9	Krishnagiri	Mattur(Manjamedu)	12.2725	78.3083	2.36
10	Krishnagiri	Gurubarapalli(Billanakuppam)	12.5974	78.1331	2.12
11	Krishnagiri	Bargur	12.5450	78.3483	1.80
12	Krishnagiri	Billanakuppam	12.6027	78.1853	1.66
13	Krishnagiri	Tattarhalli	12.3408	78.2458	1.53
14	Krishnagiri	Veppanapalli(Konganepalli)	12.6998	78.1925	1.53
15	Madurai	T.Ramanathapuram	9.8325	77.7167	2.38
16	Madurai	Keelakottai	9.7867	78.0022	2.01
17	Madurai	T.Kallupatti	9.7208	77.8556	1.62
18	Madurai	T.Krishnapuram	9.8044	77.6689	1.61
19	Madurai	Vallalapatti A	10.0931	78.2711	1.59
20	Madurai	Kolluveerampatti	9.7069	77.8856	1.54
21	Salem	Karumbapatti	11.5822	77.8611	1.88
22	Salem	Idapadi	11.5853	77.8414	1.74
23	Salem	Chittoor	11.6467	77.8236	1.54
24	Salem	Konganapuram	11.5706	77.8989	1.54
25	Theni	Balakombai	9.9036	77.6233	1.82
26	Theni	Andipatti-EW	9.9944	77.6236	1.68
27	Theni	Dumbacheri pz	9.9586	77.3911	1.58
28	Theni	T.Subbalapuram pz	9.0064	77.6547	1.51
29	Thiruvannamalai	Andampallam OW	12.0989	79.1694	1.89
30	Thiruvannamalai	Anandavadi	12.8572	78.6575	1.76
31	Thiruvannamalai	Nedumpirai OW	12.7078	79.5611	1.63
32	Thiruvannamalai	Nedumpirai OW	12.7078	79.5611	1.63
33	Tirunelveli	Tachchnallur	8.7458	77.7000	1.75
34	Tirunelveli	Thiraviyarnagar	8.8769	77.3458	1.64
35	Tirunelveli	Chettikulam	8.1667	77.6167	1.58
36	Tirunelveli	Udayattur A/B OW	8.2325	77.7206	1.54
37	Tirunelveli	Vasudevanallur	9.2417	77.4083	1.54
38	Tirunelveli	Sivagiri OW	9.3400	77.4383	1.51
39	Tuticorin	Pudur	9.3128	78.1361	1.74
40	Tuticorin	Karisalkulam	9.1500	78.1667	1.55
41	Tuticorin	Villiseri	9.0583	77.8500	1.52
42	Vellore	Virupatchipuram	12.8881	79.1375	1.87

43	Vellore	Pernambattu	12.3792	78.8472	1.78
44	Vellore	Perambattu	12.9431	78.7233	1.74
45	Vellore	Abdullapuram	12.9133	79.0856	1.66
46	Vellore	Kariyakudal	12.9897	79.6178	1.56
47	Vellore	Kandili	12.4797	78.4514	1.53
48	Virudhunagar	Tamilpadi	9.5111	78.1972	1.88
49	Virudhunagar	Vembakottai	9.3333	77.7667	1.88
50	Virudhunagar	Pattampudur OW	9.4914	77.9336	1.80
51	Virudhunagar	Vadapatti	9.5108	77.7550	1.76

The Nitrate content is less than 45mg/l in about 61.6% of the sample analyzed and 38.4 % of sample shows more than 45 mg/l which are from the district of Cuddalore , Dharmapuri, Dindigul, Kancheepuram, Kanyakumari, Krishnagiri, Madurai, Salem, Theni, Thiruvannamalai, Tirunelveli, Thiruvallur, Titicorin, Vellore and Viridhunagar. The details of well shows nitrate more than 45 mg/l is given in Table 37

**Table 37: List of well shows nitrate more than permissible limit of 45 mg /L during May 2021**

S_NO	DISTRICT	LOCATION	Latitude	Longitude	Nitrate (NO <sub>3</sub> )mg/L
1	Chennai	Blue beach road	12.9433	80.2544	75
2	Chennai	Chepauk	13.0605	80.2824	65
3	Cuddalore	Kumaratchi	11.3108	79.6303	101
4	Cuddalore	Kilpuvanikuppam	11.6011	79.7189	70
5	Cuddalore	Seerakuppam	11.5294	79.5311	51
6	Dharmapuri	Ecchambadi (K)	12.2017	78.3544	99
7	Dharmapuri	Jaggubathipalayam	12.1942	78.2950	98
8	Dharmapuri	Odasalapatti	12.1425	78.2917	81
9	Dharmapuri	Odasalapatti	12.1425	78.2917	81
10	Dharmapuri	Papireddipatti	11.9111	78.3664	77
11	Dharmapuri	Thoppur	11.9403	78.0594	74
12	Dharmapuri	A.Pallipatti	11.9403	78.4017	66
13	Dharmapuri	Mukkareddipatti	11.9661	78.4139	65
14	Dharmapuri	Morappur	12.1156	78.4025	62
15	Dharmapuri	Odasalpatti X road	12.1431	78.2844	62
16	Dharmapuri	Sillarahalli	12.0519	78.2792	62
17	Dharmapuri	Pennagaram	12.1322	77.9006	60
18	Dharmapuri	Bharathipuram	12.1172	78.1531	59
19	Dharmapuri	Nagadasampatti	12.1358	77.9906	55
20	Dharmapuri	Echambadi (H)	12.1128	78.4942	52
21	Dharmapuri	Theerthamalai	12.1036	78.5889	49
22	Dharmapuri	Kottapatti	12.9867	78.6714	48
23	Dharmapuri	Bommidimalapurm	12.1353	78.0600	46
24	Dindigul	Natham	10.2242	78.2294	378

25	Dindugal	Vaivespuram	10.5458	78.0719	231
26	Dindugal	Paraipatti	10.3583	77.9750	220
27	Dindugal	Kanakkanpatti	10.4750	77.5667	218
28	Dindugal	Chattrapatti	10.4667	77.6583	195
29	Dindugal	Oodanchatram	10.4880	77.7577	192
30	Dindugal	Pudu Ettama Nayakar Patti	10.4619	77.7061	189
31	Dindugal	Muthampattipalayam	10.7272	78.1392	175
32	Dindugal	Thamaraipadi	10.4053	78.0453	161
33	Dindugal	Vadamadurai	10.4422	78.1030	149
34	Dindugal	chettiveru	10.2377	77.7708	140
35	Dindugal	Palakanthu	10.4658	77.8056	122
36	Dindugal	Vadamadurai	10.3583	78.1000	109
37	Dindugal	Reddiarchatram	10.4167	77.8611	102
38	Dindugal	Guzilamparai	10.6806	78.1156	101
39	Dindugal	Oodanchatram	10.4875	77.7542	99
40	Dindugal	Thoppampatti	10.5900	77.5269	99
41	Dindugal	Pittalapatti	10.3377	78.9261	80
42	Dindugal	Dindigul	10.3667	77.9708	73
43	Dindugal	Dindigul2	10.3667	77.9708	70
44	Dindugal	Reddiarchatram	10.4167	77.8611	70
45	Dindugal	Gandhigram	10.2583	77.9250	57
46	Dindugal	Thumbalapatti	10.5333	77.5208	50
47	Kancheepuram	Anakaputhur	12.9827	80.1286	157
48	Kancheepuram	Manimangalam	12.9190	80.0424	146
49	Kancheepuram	Shollinganallore	12.9037	80.2330	112
50	Kancheepuram	Uthikadu	12.8267	79.8211	110
51	Kancheepuram	Guduvancheri	12.8439	80.0622	99
52	Kancheepuram	Kolapakkam	12.8687	80.1101	98
53	Kancheepuram	Mangadu	13.0342	80.1085	85
54	Kancheepuram	Sadras	12.5269	80.1622	73
55	Kancheepuram	Kancheepuram	12.8336	79.7025	72
56	Kancheepuram	Arasanimangalam	12.5689	79.7233	70
57	Kancheepuram	Uthiramerur	12.6117	79.7344	68
58	Kancheepuram	Mudichur	12.8943	80.0645	65
59	Kancheepuram	Ponmar (Pz)	12.8556	80.1693	62
60	Kancheepuram	St.Thomas Mount	13.0071	80.1976	59
61	Kancheepuram	Tambaram	12.9310	80.1166	58
62	Kancheepuram	Akkarai	12.9020	80.2494	57
63	Kancheepuram	Perungulathur	12.9173	80.0856	53
64	Kancheepuram	Chitlapakkam	12.9403	80.1378	50
65	Kancheepuram	Paddapai (Pz)	12.8898	80.0220	49
66	Kancheepuram	Tiruporur	12.7318	80.1891	48
67	Kanyakumari	Kanyakumari	8.0947	77.5444	104
68	Kanyakumari	Kanyakumari	8.0833	77.5500	75
69	Kanyakumari	Nagarkoil	8.1667	77.4500	72
70	Kanyakumari	Kulasekharan	8.3522	77.2858	69
71	Kanyakumari	Variyur	9.1667	77.5625	68

72	Kanyakumari	Thakkalai	8.2411	77.3192	62
73	Kanyakumari	Marthandom	8.3097	77.2142	54
74	Kanyakumari	Kattudurai	8.2839	77.2719	47
75	Krishnagiri	Sulagiri	12.6636	78.0122	291
76	Krishnagiri	Mathur	12.3825	78.4133	251
77	Krishnagiri	Rayakottai	12.5133	78.0361	219
78	Krishnagiri	Tattarhalli	12.3408	78.2458	128
79	Krishnagiri	Kaveripatnam	12.4197	78.2186	127
80	Krishnagiri	Athimugam	12.7522	77.9756	113
81	Krishnagiri	Uthangarai	12.2642	78.5508	112
82	Krishnagiri	Vennampalli	12.3475	78.5550	91
83	Krishnagiri	Krishnagiri	12.4721	78.2154	69
84	Krishnagiri	Panneshwaramadam	12.3917	78.2469	69
85	Krishnagiri	Denkanikottai	12.5208	77.7917	60
86	Madurai	Tirumangalam	9.8239	77.9883	350
87	Madurai	Eliyarpathi	9.7969	78.0933	174
88	Madurai	Avaisuranpatti	9.6417	77.9744	99
89	Madurai	Valayankulam	9.8042	78.0917	84
90	Madurai	Saptur	9.7628	77.7392	72
91	Madurai	Thirumogur	9.9511	78.2072	62
92	Madurai	Kunnathur	9.8967	78.2553	54
93	Madurai	T.Ramanathapuram	9.8325	77.7167	53
94	Madurai	Nilayur	9.8556	78.0667	48
95	Madurai	Periyur	9.7428	77.7922	46
96	Salem	Ayodhayapattinam	11.6697	78.2389	86
97	Salem	Thandavarayapuram	11.5903	78.5558	84
98	Salem	Gudamalai	11.4603	78.5908	80
99	Salem	Omalur	11.7422	78.0472	78
100	Salem	Mallur	11.5436	78.1422	77
101	Salem	Valappadi	11.6572	78.3953	76
102	Salem	Sivadapuram	11.6511	78.1097	75
103	Salem	Puthur	11.6264	78.7833	72
104	Salem	Sevantampatti	11.5653	78.0886	71
105	Salem	Tivettipatti	11.8342	78.0839	68
106	Salem	Mamundi	11.5022	78.0564	64
107	Salem	Panamarathupatti	11.5628	78.1656	64
108	Salem	Kulathur	11.8350	77.7483	63
109	Salem	Chittoor	11.6436	77.8250	62
110	Salem	Mecheri	11.8350	75.8414	62
111	Salem	Pincheyai kodu	11.5925	78.1092	60
112	Salem	Keeripatti	11.5417	78.4917	57
113	Salem	Attur	11.5981	78.6025	53
114	Salem	P.G.Palayam	12.5344	79.7558	52
115	Salem	Salem Bankhouse	11.6703	78.1564	50
116	Salem	Tammampatti	11.4358	78.5042	50
117	Salem	Uthamasozhapuram	11.6069	78.0933	48
118	Salem	P.N. Palayam	11.6456	78.5144	47
119	Salem	Dhasanickanpatty	11.6094	76.1453	46

120	Theni	Silavarpatti pz	10.1197	77.6269	360
121	Theni	Chinnamanur pz	9.8472	77.3825	248
122	Theni	Gandamanur pz	9.9200	77.5150	200
123	Theni	T.Subbalapuram pz	9.0064	77.6547	192
124	Theni	Gandamanur	9.9183	77.5217	184
125	Theni	Okkaraipatti	9.9625	77.5694	174
126	Theni	Dumbacheri pz	9.9586	77.3911	130
127	Theni	Kamayagoundanpatti	9.7367	77.3169	130
128	Theni	Seelayampatti pz	9.8753	77.3911	130
129	Theni	Kodangipatti	9.9917	77.4361	112
130	Theni	Thambinaikpatti	9.9164	77.2997	112
131	Theni	M.Subbalapuram pz	9.9717	77.5564	99
132	Theni	U Ammapatti pz	9.8394	77.3447	99
133	Theni	Okkaraipatti pz	9.9625	77.5694	81
134	Theni	Kodangipatti pz	9.9917	77.4306	74
135	Theni	Vadugapatti dw	10.0989	77.5717	64
136	Theni	Sankarapuram pz	9.9069	77.3297	63
137	Theni	Kottur-EW	9.8958	77.4069	62
138	Theni	Periyakulam dw	10.1317	77.5506	62
139	Theni	Erasakkanaayakanur	9.9250	77.5417	59
140	Theni	Balakombai	9.9036	77.6233	56
141	Theni	Kombai	9.0942	77.2981	51
142	Theni	Veerapandi pz	9.9606	77.4467	50
143	Theni	Andipatti2	9.9958	77.6292	50
144	Theni	Myladumparai dw	10.0989	77.5717	50
145	Theni	Thevaram-EW	9.8972	77.3042	50
146	Thiruvannamalai	Pachal	12.2692	78.9436	185
147	Thiruvannamalai	Pennagar (Vellore )	12.8250	79.3917	170
148	Thiruvannamalai	Kuppam	12.7236	79.1256	111
149	Thiruvannamalai	Melmakottu Road	12.5947	79.6275	92
150	Thiruvannamalai	Sathanur	12.2097	79.8878	87
151	Thiruvannamalai	Melravandavadi	12.2072	78.7036	86
152	Thiruvannamalai	Timiri (Vellore)	12.8192	79.3083	84
153	Thiruvannamalai	Nedumpirai OW	12.7078	79.5611	74
154	Thiruvannamalai	Nedumpirai OW	12.7078	79.5611	74
155	Thiruvannamalai	Avalurpet	12.3589	79.2406	60
156	Thiruvannamalai	Akkur	12.6844	79.6292	56
157	Thiruvannamalai	Kattampundi OW	12.1267	79.0856	56
158	Thiruvannamalai	Vandavasi	12.5064	79.6022	56
159	Thiruvannamalai	Ladavaram	12.4250	79.1467	53
160	Thiruvannamalai	Cheyyar	12.6658	79.5436	51
161	Tirunelveli	Sivagiri	9.3403	77.4278	167
162	Tirunelveli	Vannikonendal	8.6611	77.6250	122
163	Tirunelveli	Sivalarkulam OW	8.8692	77.5292	119
164	Tirunelveli	Virasikhamani OW	9.0919	77.4447	111
165	Tirunelveli	Tenkasi OW	8.9631	77.3114	107
166	Tirunelveli	Poothathan kudieruppu	8.5783	77.5603	103
167	Tirunelveli	Tachchnallur	8.7458	77.7000	92

168	Tirunelveli	Kadayanallur	9.0667	77.3458	86
169	Tirunelveli	Cheranmadevi	8.8278	77.5750	81
170	Tirunelveli	P.chatram	9.1183	77.6125	81
171	Tirunelveli	Kadayanallur	9.0667	77.3458	80
172	Tirunelveli	Chettikulam	8.1667	77.6167	74
173	Tirunelveli	Chintamani	9.1667	77.4000	68
174	Tirunelveli	Sankarankoil	9.2083	77.5583	68
175	Tirunelveli	Mukkudal	8.7347	77.5208	63
176	Tirunelveli	Valliyoor	8.3556	77.6583	56
177	Tirunelveli	Rajapathi OW	8.8517	77.7694	55
178	Tirunelveli	Ramakrishnapuram OW	8.4847	77.7964	55
179	Tirunelveli	Molaikkaraipatti	8.3167	77.5792	54
180	Tirunelveli	Valliyur	8.3861	77.6167	53
181	Tirunelveli	Alwarkurichi	8.7917	77.4333	48
182	Tirunelveli	Kilpaur	8.9167	77.3833	48
183	Tirunelveli	Kadayam	8.8333	77.4083	47
184	Tirunelveli	Mullikulam	9.4986	77.7000	46
185	Tiruvallur	Balapuram (OW)	13.1531	79.3828	119
186	Tiruvallur	Agoor(Pz)	13.1885	79.5831	102
187	Tiruvallur	Tiruvalangadu	13.1313	79.7794	75
188	Tiruvallur	Meppuru	13.0293	80.0798	72
189	Tiruvallur	Tiruninravur	13.1250	80.0323	71
190	Tiruvallur	Ambattur	13.1066	80.1556	70
191	Tiruvallur	Annur	13.1104	80.1211	55
192	Tiruvallur	Palavakkam	13.3169	79.9625	51
193	Tiruvallur	Tiruvellavoyal	13.3313	80.2848	50
194	Tiruvallur	Tiruttani (Pz)	13.1751	79.6131	49
195	Tiruvallur	Placepalayam (OW)	13.2783	79.7705	47
196	Tuticorin	Eppodumvenran	9.0292	78.0458	153
197	Tuticorin	Tiruchendur-e	8.4944	79.2000	151
198	Tuticorin	Thailapuram	8.6083	77.8500	143
199	Tuticorin	Devachayalpuram	8.7344	77.9194	137
200	Tuticorin	Pudur	9.3128	78.1361	136
201	Tuticorin	Petmanagar	8.6500	77.9500	117
202	Tuticorin	Kurukkuchali	8.9306	78.0917	116
203	Tuticorin	Ettayapuram	9.2178	77.9833	114
204	Tuticorin	Udangudi	8.4342	78.2347	98
205	Tuticorin	Kulasekharaptnm	8.4000	78.5181	93
206	Tuticorin	Vembur	9.3250	78.0792	93
207	Tuticorin	Sattankulam-n	8.4444	77.9000	84
208	Tuticorin	Villiseri	9.0583	77.8500	52
209	Tuticorin	Nagalapuram	9.2333	78.1306	50
210	Tuticorin	Tuticorin	8.8083	78.1389	48
211	Vellore	Pasalikuttai	12.4558	78.5867	235
212	Vellore	Vaniyambadi	12.6831	78.6250	210
213	Vellore	PALUR	12.8544	78.8625	111
214	Vellore	Pernambattu	12.3792	78.8472	105



215	Vellore	Virupatchipuram	12.8881	79.1375	97
216	Vellore	Kandili	12.4797	78.4514	82
217	Vellore	Sangilikuppam	12.7189	78.6619	74
218	Vellore	Kesavapuram	12.8525	79.1097	68
219	Vellore	Sennarayanapalle	12.9578	78.9103	55
220	Vellore	Alangayam	12.6244	78.7528	53
221	Vellore	Indiranagar	12.5458	78.5761	53
222	Vellore	Alankuppam	12.7542	78.6975	46
223	Villupuram	Brahmadesam	12.1170	79.4805	133
224	Virudhunagar	Devadanam	9.3833	77.4656	168
225	Virudhunagar	Vembakottai	9.3333	77.7667	120
226	Virudhunagar	Alangulam	9.3639	77.6861	102
227	Virudhunagar	Aviyur	9.7389	78.1008	92
228	Virudhunagar	Muntalapuram	9.5256	77.8894	92
229	Virudhunagar	Palavanatham	9.5667	78.0750	80
230	Virudhunagar	Rajapalayam	9.4625	77.5417	79
231	Virudhunagar	Kalloorani	9.4639	78.1650	64
232	Virudhunagar	Aruppukottai-w	9.5125	78.0958	60
233	Virudhunagar	Cholapuram	9.3833	77.5583	60
234	Virudhunagar	Sevalpatti	9.5583	77.9583	54
235	Virudhunagar	Kanjannaickenpatti	9.7183	78.1131	53
236	Virudhunagar	Kariyapatti	9.6694	78.1083	50
237	Virudhunagar	Sivakasi	9.4500	77.7917	47

## **V. CONCLUSIONS**

The behaviour of ground water table during August 2020 to January 2021 in Tamil Nadu State and Puducherry and Karaikal regions of U.T of Puducherry has been studied by monitoring the dug wells tapping phreatic aquifers. The data on water levels was analysed in detail and salient features are as under.

1. The depth to water level recorded during Premonsoon (May 2021) varied from 0.05 to 21.28 m bgl.90% of wells have recorded depth to water level within 10 m bgl during premonsoon period (May 2021), whereas during post-monsoon period (January 2022), about 95% of wells recorded water levels less than 10 m bgl.The depth to water level recorded during Postmonsoon (January 2022) varied from 0.02 to 55.65 m bgl.
2. The piezometric surface ranged from 0.5 m to 109.5 m bgl. 58.34% of wells have recorded depth to piezometric surface within 10 mbgl during premonsoon period (May 2021), whereas during post-monsoon period (January 2022), the piezometric surface ranged

from 0.23 m to 88.11 m bgl. 72.5% of wells have recorded depth to piezometric surface within 10 mbgl.

3. 84.8% of wells have recorded depth to water level within 10m bgl during August 2021 and 93.5% during November 2021. 60.1% of Piezometers have recorded Piezometric surface in the range of <10 m bgl during August 2021 whereas during November 2021, about 69.7% of piezometers have recorded in < 10 m bgl range.
4. 19.1% of wells have recorded fall in water levels and 80.8% of wells recorded rise in water levels during May 2021 in comparison to decadal mean.76% of Piezometers have recorded rise and 24% piezometers have recorded fall during that period.
5. 91.3% of wells have recorded rise in water levels and 8.7% of wells have recorded fall during January 2022 with respect to respective decadal means.84.8% of Piezometers have recorded rise and 15.2% piezometers have recorded fall during that period.
6. When compared the water level during the premonsoon (May) of 2021 with the premonsoon of (May 2020), rise was recorded in 11.9% and fall in 88.1%.
7. When compared the water level during the Post monsoon (January) of 2022 with the Post monsoon (January) of 2021, rise was recorded in 58.1% and fall in 41.9%. 59.2% of piezometers have recorded rise and 40.8 % of piezometers have recorded fall.
8. When the long term trend of water levels were analysed for the period of Premonsoon (May 2010-2019) falling trend is observed in 73% of wells and rising trend is observed in 27% of wells. When the same exercise for Post monsoon (January 2011-2020) was done, rising trend is observed in 36% and falling trend in 64%.
9. In general, the ground water quality in the state is fresh in about 18.5 % of the Ground Water Monitoring wells as indicated by the EC value less than 750 ms/cm at 25oC. In about 53.4 % of the Ground Water Monitoring wells, the EC varies between 751 -2250ms/cm at 25o C and 15.5 % of Ground Water Monitoring wells are between 2251-3000 ms/cm at 25o C indicating that the ground water is slightly mineralized and about 12.6 % of Ground Water Monitoring wells the EC is more than 3000 ms/cm at 25oC indicating that the ground water is highly mineralized. The highest value 19600 ms/cm at 25o C was observed in Nenmeni, Virudhunagar district.
10. The chloride content is less than 250 mg/l in about 59.7 % of the sample analyzed and 36.0 % of the sample are between 251 – 1000 mg/l and 4.3 % shows more than 1000mg/l which are from the districts of Cuddalore ,Dharmapuri, Dindigul, Salem, Theni,Thiruvannamalai, Tirunelveli, Titicorin, Vellore and Viridhunagar.

11. The Fluoride content is less than 1.5 mg/l in about 92 % of the sample analyzed and about 8% of the sample shows more than 1.5 mg/l, which are from the districts of Cuddalore ,Dharmapuri, Kancheepuram, Krishnagiri , Madurai, Salem, Theni,Thiruvannamalai, Tirunelveli, Titicorin, Vellore and Viridhunagar.
12. The Nitrate content is less than 45mg/l in about 61.6% of the sample analyzed and and 38.4 % of sample shows more than 45 mg/l which are from the district of Cuddalore Dharmapuri, Di ndigul, Kancheepuram, Kanyakumari, Krishnagiri , Madurai, Salem, Theni,Thiruvannamalai, Tirunelveli, Thiruvallur, Titicorin, Vellore and Viridhunagar

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## Annexure-II

### Depth to Water level of Semi Confined and Confined wells of Tamilnadu State and U.T. of Puducherry (May 21 - January 2022)

District	Block	Site ID	Y	X	Site Type	Location	May-21	Aug-21	Nov-21	Jan-22
Ariyalur	ANDIMADAM	W112019079223901	11.3386	79.3775	Dug	Andimadam DW	NA	4.96	2.4	4.5
Ariyalur	ANDIMADAM	W111400079185402	11.2333	79.315	Bore	Elaiyur pz	NA	63.4	65.4	64.87
Ariyalur	ANDIMADAM	W111825079205801	11.3069	79.3494	Dug	Kattathur DW	NA	0.46	0.42	0.52
Ariyalur	ANDIMADAM	W112052079230302	11.3478	79.3842	Tube	Keelkavarapalayam- OW-1	NA	83.96	84.06	83.35
Ariyalur	ANDIMADAM	W112052079230303	11.3478	79.3842	Tube	Keelkavarapalayam- OW-2	NA	89.59	83.88	83.92
Ariyalur	ANDIMADAM	W111701079170202	11.2836	79.2839	Tube	Kuvagam Ow	NA	NA	65.25	65.6
Ariyalur	ANDIMADAM	W112357079191502	11.3992	79.3208	Bore	Oliyur ew	NA	59.76	57.8	56.75
Ariyalur	ANDIMADAM	W112357079191503	11.3992	79.3208	Bore	Oliyur ow 1	NA	59.71	57	56.75
Ariyalur	ANDIMADAM	W112357079191504	11.3992	79.3208	Bore	Oliyur ow 2	NA	59.22	NA	56.15
Ariyalur	ANDIMADAM	W112436079195801	11.41	79.3328	Dug	Periyathukurichi	NA	2.79	0.75	2.05
Ariyalur	ANDIMADAM	W111752079223901	11.2978	79.3775	Dug	Thandalai	NA	2.1	0.72	1.65
Ariyalur	ARIYALUR	W111032079063402	11.1756	79.1094	Bore	V.Ramanapuram OW	NA	36.05	8.96	15.23
Ariyalur	ARIYALUR	W111032079063401	11.1756	79.1094	Bore	V.Ramanapuram PZ	NA	33.76	7.8	9.43
Ariyalur	JAYAMKONDACHOLAPURAM	W111240079234501	11.2111	79.3958	Dug	G.K.Cholapuram	NA	4.95	0.91	2.2
Ariyalur	JAYAMKONDACHOLAPURAM	W111229079265101	11.2081	79.4475	Bore	G.K.Cholapuram -EW	NA	27.27	10.8	14.6
Ariyalur	JAYAMKONDACHOLAPURAM	W111229079265102	11.2081	79.4475	Bore	G.K.Cholapuram -OW-1-Pz	NA	38.5	28.2	27.37
Ariyalur	JAYAMKONDACHOLAPURAM	W111229079265103	11.2081	79.4475	Bore	G.K.Cholapuram -OW-2	NA	29.1	11.8	15.98
Ariyalur	JAYAMKONDACHOLAPURAM	W111246079215201	11.2128	79.3644	Dug	Jayankondam DW	NA	2.1	0.86	2.2
Ariyalur	JAYAMKONDACHOLAPURAM	W112052079230304	11.3478	79.3842	Bore	Mahimapuram OW-1	NA	68.7	39.7	62.7
Ariyalur	JAYAMKONDACHOLAPURAM	W112052079230304	11.3478	79.3842	Bore	Mahimapuram OW-2	NA	43.92	63.88	36.44

Ariyalur	JAYAMKONDACHOLAP URAM	W111707079292401	11.2853	79.49	Dug	Pappakudi DW	NA	3.77	1.05	NA
Ariyalur	JAYAMKONDACHOLAP URAM	W111153079193801	11.1981	79.3272	Dug	Tularangurichchi DW	NA	0.54	NA	NA
Ariyalur	TIRUMANUR	W110200079030001	11.0333	79.05	Dug	Kilpazhavur	NA	2.85	0.65	1.88
Ariyalur	VEPPUR	W111557079013901	11.2658	79.0275	Dug	Idiyankurichi	NA	2.36	0.3	1.75
Chennai	CHENNAI	W130109080160401	13.0192	80.2678	Dug	Adayar dw	2.63	2.5	1.35	1.64
Chennai	CHENNAI	W130130080153001	13.025	80.2583	Dug	Alwarpet	2.6	2.3	1.26	1.7
Chennai	CHENNAI	W130400080134001	13.0667	80.2278	Dug	Aminjikai	9	6.7	3.4	4.24
Chennai	CHENNAI	W130005080161201	13.0014	80.27	Dug	Besant Nagar	4.17	4.22	1.32	1.4
Chennai	CHENNAI	W130320080165301	13.0556	80.2814	Dug	Chepauk (A)	3.73	3.73	1.6	0.64
Chennai	CHENNAI	W130429080154501	13.0747	80.2625	Dug	Egmore	1.1	1	0.24	0.38
Chennai	CHENNAI	W125858080154901	12.9828	80.2636	Dug	Elegant Flat dw	4.65	NA	2.36	NA
Chennai	CHENNAI	W130230080123001	13.0417	80.2083	Dug	K.K.Nagar	2.23	1.35	1.17	1.02
Chennai	CHENNAI	W125915080155001	12.9875	80.2639	Dug	Kalakshetra	3.7	NA	2.9	NA
Chennai	CHENNAI	W125912080145901	12.9867	80.2497	Bore	Taramani (NITTR PZ)	4.5	3.88	3.2	3.32
Chennai	CHENNAI	W130500080111501	13.0833	80.1875	Dug	Tirumangalam	2.83	2.5	1.74	1.24
Chennai	CHENNAI	W130700080163001	13.1167	80.275	Dug	Tondiarpet	5.4	4.68	3.4	2
Chennai	CHENNAI	W130620080165301	13.1056	80.2814	Dug	Vallalar Nagar	6.08	6.56	3.24	2.33
Chennai	CHENNAI	W130500080161501	13.0833	80.2708	Dug	Vepery	4.3	9.4	2.74	1.5
Chennai	CHENNAI	W130600080150001	13.1	80.25	Dug	Vyasarpadi dw	NA	0.8	0.62	1.04
Chennai	ST.THOMAS	W130120080133001	13.0222	80.225	Bore	Guindy (CLRI) pz	2.4	1.75	NA	0.5
Chennai	ST.THOMAS	W125822080091602	12.9728	80.1544	Bore	Pallavaram pz	1.7	2.9	0.3	0.04
Coimbatore	ANAIMALAI	W103035077033401	10.5097	77.0594	Bore	AnaimalaiPZ	NA	15.9	10.2	12.85
Coimbatore	ANAIMALAI	W103130076595801	10.525	76.9994	Bore	Angalakurichi	NA	11.98	0.16	0.88
Coimbatore	ANAIMALAI	W103742076523101	10.6283	76.8753	Bore	Devanshapudur pz	NA	6.63	NA	NA
Coimbatore	ANAMALAI	W103807076562801	10.6353	76.9411	Dug	Ambarmpalayam	NA	2.37	3.78	1.88

Coimbatore	ANNUR	W111330077063001	11.225	77.1083	Bore	Annur pz	NA	27	13.55	10.16
Coimbatore	ANNUR	W111400077063002	11.2333	77.1083	Dug	Annur1	NA	28.11	14.58	11.07
Coimbatore	ANNUR	W111033077032701	11.1758	77.0575	Dug	Ganesapuram	NA	31.85	26.4	17.39
Coimbatore	ANNUR	W111129077052401	11.1914	77.09	Bore	Pillaimpalayam pz	NA	26.1	23.4	20.98
Coimbatore	AVINASHI	W111800077112201	11.3	77.1894	Bore	Alathur pz	NA	NA	4.8	4.9
Coimbatore	AVINASHI	W110744077170001	11.1289	77.2833	Bore	Kaniyampondi pz	NA	NA	NA	6.65
Coimbatore	AVINASHI	W111210077103001	11.2028	77.175	Bore	Karuvalur	NA	NA	NA	10.68
Coimbatore	AVINASHI	W111824077164401	11.3067	77.2789	Bore	Thathanur Aanaikalpalayam pz	NA	26.55	NA	1.75
Coimbatore	F	W103742076523101	10.6283	76.8753	Bore	Thivansapurur	NA	6.63	2.68	5
Coimbatore	GUDIMANGALAM	W104047077161901	10.6797	77.2719	Bore	Varadharajapuram Murungapatti pz	NA	12.02	10.75	6.93
Coimbatore	KARAMADAI	W111800076565001	11.3	76.9472	Bore	Mettupalayam pz	NA	10.92	8.85	10.15
Coimbatore	KARAMADAI	W111045076453001	11.1792	76.7583	Bore	Seeliyur	NA	15.43	5.78	6.08
Coimbatore	KARAMADAI	W111521076560501	11.2558	76.9347	Bore	Thekkampatti pz	NA	30.43	5.8	6.33
Coimbatore	KINATHUKADAVU	W110018077241401	11.005	77.4039	Bore	Andipalayam	NA	3.66	0.8	0.87
Coimbatore	KINATHUKADAVU	W104819077083301	10.8053	77.1425	Bore	Kattampatty pz	NA	NA	NA	5.77
Coimbatore	KINATHUKADAVU	W104400077014501	10.7333	77.0292	Dug	Kinathukadavu	NA	7.25	6.45	6.28
Coimbatore	KINATHUKADAVU	W104900077010001	10.8167	77.0167	Bore	Kinathukadavu pz	NA	6.8	5.42	5.93
Coimbatore	KINATHUKADAVU	W104425077060501	10.7403	77.1014	Bore	Periya Negamam pz	NA	16.28	9.05	10.32
Coimbatore	KINATHUKADAVU	W104830076573001	10.8083	76.9583	Dug	Sokkanur	NA	6.37	5.18	5.52
Coimbatore	KUNNATHUR	W110841077183401	11.1447	77.3094	Bore	Velampalayam	NA	19.87	10.83	10.44
Coimbatore	MADUKKARAI	W105430076580001	10.9083	76.9667	Bore	Madukkarai-PZ	NA	16.38	14.8	15.37
Coimbatore	MADUKKARAI	W105230076540001	10.875	76.9	Bore	Pichanur	NA	14.09	11.65	13.28
Coimbatore	P.N.PALAYAM	W110647076450301	11.1131	76.7508	Bore	Anaikatti pz	NA	12.53	9.8	10.89
Coimbatore	P.N.PALAYAM	W110058076583801	11.0161	76.9772	Bore	Corporation North Zone pz	NA	10.9	6.95	5.2
Coimbatore	P.N.PALAYAM	W110229077000201	11.0414	77.0006	Bore	Cwc Campus pz	NA	5.03	NA	3.4

Coimbatore	P.N.PALAYAM	W110231076563101	11.0419	76.9419	Bore	Ghs Ganapathi pz	NA	4.28	2.1	3.27
Coimbatore	P.N.PALAYAM	W110230076531501	11.0417	76.8875	Bore	Kalviramapalayam (High school)	NA	71.79	62.2	53.07
Coimbatore	P.N.PALAYAM	W111225076593201	11.2069	76.9922	Dug	P.N.palayam	NA	15.95	11.07	9.15
Coimbatore	PALLADAM	W110148077170001	11.03	77.2833	Bore	Kallampalayam pz	NA	10.18	8.37	3.45
Coimbatore	PALLADAM	W110100077110501	11.0167	77.1847	Dug	Kaltanpet (Karanampettai)	NA	15.1	5.25	9.73
Coimbatore	PALLADAM	W110244077193801	11.0456	77.3272	Bore	Kunnakalpalayam pz	NA	4.97	3.7	4
Coimbatore	PALLADAM	W110248077225301	11.0467	77.3814	Bore	Peruntholavu pz	NA	12.45	7.4	NA
Coimbatore	POLLACHI NORTH	W104345077053001	10.7292	77.0917	Dug	Chinnaripalayam	NA	4.35	2.2	2.5
Coimbatore	POLLACHI NORTH	W104145076561501	10.6958	76.9375	Dug	Gopalapuram	NA	5.9	2.21	2.45
Coimbatore	POLLACHI NORTH	W104030076561501	10.675	76.9375	Dug	Ponnaiyur	NA	5.41	2	3.52
Coimbatore	POLLACHI SOUTH	W103940077000001	10.6611	77	Dug	Pollachi l	NA	1.23	0.85	0.65
Coimbatore	POLLACHI SOUTH	W103608077003201	10.6022	77.0089	Bore	Samathur Hss pz	NA	8.75	NA	10.77
Coimbatore	PONGALUR	W111754077044401	11.2983	77.0789	Bore	Pongalur pz	NA	NA	9.6	3.17
Coimbatore	SARKAR SAMAKULAM	W105800076590002	10.9667	76.9833	Dug	Podanur l	NA	9.68	6.2	5.6
Coimbatore	SARKAR SAMAKULAM	W110410077000501	11.0694	77.0014	Dug	Saravanampatti	NA	14.1	11.2	5.8
Coimbatore	SARKAR SAMAKULAM	W110430077000501	11.075	77.0014	Bore	Saravanampatti l	NA	22.02	12.2	13.47
Coimbatore	SARKAR SAMAKULAM	W110800077020002	11.1333	77.0333	Bore	Sarkar samakulam pz	NA	13.75	12	9.12
Coimbatore	SARKAR SAMAKULAM	W110130076543001	11.025	76.9083	Dug	Vadavalli	NA	45.26	47.58	40.88
Coimbatore	SARKAR SAMAKULAM	W110424076571001	11.0733	76.9528	Bore	Vellakinaru pz	NA	45.63	27.5	27.6
Coimbatore	SULUR	W110515077104501	11.0875	77.1792	Bore	Samalapuram	NA	4.85	1.55	1.68
Coimbatore	SULUR	W110130077073001	11.025	77.125	Dug	Sulur	NA	2.6	0.9	1.37
Coimbatore	SULUR	W110105077072501	11.0181	77.1236	Bore	Sulur pz	NA	1.75	0.61	0.84
Coimbatore	THONDAMUTHUR	W105745076480301	10.9625	76.8008	Bore	Alandurai pz	NA	15.33	11.9	12.37
Coimbatore	THONDAMUTHUR	W105947077001801	10.9964	77.005	Bore	Cbe Stock Exchange pz	NA	4.55	6.4	6.65
Coimbatore	THONDAMUTHUR	W105643076500601	10.9453	76.835	Bore	Chennanur pz	NA	39.63	39.28	38.55



Coimbatore	THONDAMUTHUR	W110006076581601	11.0017	76.9711	Bore	Coimbatore Taluk Office	NA	14.07	11.57	9.15
Coimbatore	THONDAMUTHUR	W105948076485601	10.9967	76.8156	Bore	Devarayapuram pz	NA	26.46	25.08	34.58
Coimbatore	THONDAMUTHUR	W110153076530401	11.0314	76.8844	Bore	Kalvirampalayam pz (Primary school)	NA	58.66	58.75	55.65
Coimbatore	THONDAMUTHUR	W105800076550001	10.9667	76.9167	Bore	Kuniamuthur	NA	4.16	1.15	1.3
Coimbatore	THONDAMUTHUR	W110003076570401	11.0008	76.9511	Bore	OHT Campus pz	NA	17.07	12.58	12.16
Coimbatore	THONDAMUTHUR	W105947077011501	10.9964	77.0208	Dug	Singanallur	NA	4.45	2.65	3.28
Coimbatore	THONDAMUTHUR	W110035076550701	11.0097	76.9186	Bore	Sugarcane Institute pz	NA	23.14	19.9	17.9
Coimbatore	THONDAMUTHUR	W105715076570002	10.9542	76.95	Dug	Sugunapuram (B.K.Pudur)	NA	17.85	17.53	15
Coimbatore	THONDAMUTHUR	W105710076551801	10.9528	76.9217	Bore	Sundakkamuthur pz	NA	15.2	15.1	14.2
Coimbatore	THONDAMUTHUR	W105900076552201	10.9833	76.9228	Bore	Telungupalayam pz	NA	5.95	3	3.3
Coimbatore	THONDAMUTHUR	W105900076500001	10.9833	76.8333	Bore	Thondamuthur	NA	35.28	29.8	26.55
Coimbatore	THONDAMUTHUR	W110119076563101	11.0219	76.9419	Bore	Tn Urban Studies pz	NA	16.5	9.65	8.72
Coimbatore	TIRUPUR	W110805077210701	11.1347	77.3519	Bore	Boyampalayam pz	NA	3.95	0.45	0.65
Coimbatore	TIRUPUR	W110633077260801	11.1092	77.4356	Bore	Ganganaickenpalayam pz	NA	24.69	17.78	16.32
Coimbatore	TIRUPUR	W110503077184001	11.0842	77.3111	Bore	Iduvampalayam pz	NA	NA	47.9	NA
Coimbatore	TIRUPUR	W110329077231501	11.0581	77.3875	Dug	Kovilvazhi I	NA	NA	5.8	NA
Coimbatore	TIRUPUR	W110330077232001	11.0583	77.3889	Dug	Kovilvazhi IV	NA	4.6	1.85	0.52
Coimbatore	TIRUPUR	W110706077270001	11.1183	77.45	Dug	Mannur	NA	NA	NA	NA
Coimbatore	TIRUPUR	W110643077200401	11.1119	77.3344	Dug	Oothukadu	NA	17.75	14.9	15.15
Coimbatore	TIRUPUR	W111225077213801	11.2069	77.3606	Dug	Perumanallur	NA	14.43	5.75	5.68
Coimbatore	UDUMALPET	W103315077050801	10.5542	77.0856	Bore	Devanur Pudur pz	NA	NA	3.8	3.15
Coimbatore	UDUMALPET	W103132077130501	10.5256	77.2181	Bore	Pallapalayam pz	NA	78.8	1.96	1.6
Cuddalore	BHUVANAGIRI	W112932079361007	11.4922	79.6028	Tube	Maruthur EW	40.07	40.55	37.86	36.69
Cuddalore	BHUVANAGIRI	W112932079361001	11.4922	79.6028	Tube	Maruthur II	8.15	8.6	5.17	1.93
Cuddalore	BHUVANAGIRI	W112932079361003	11.4922	79.6028	Tube	Maruthur IV	NA	51.57	49.45	5.58

Cuddalore	BHUVANAGIRI	W112458079342001	11.4161	79.5722	Tube	Parudur Pz-1	55.13	54.87	NA	46.5
Cuddalore	BHUVANAGIRI	W112458079342002	11.4161	79.5722	Tube	Parudur Pz-2	55.18	55	NA	NA
Cuddalore	BHUVANAGIRI	W112458079342003	11.4161	79.5722	Tube	Parudur Pz-3	46.38	47.15	NA	NA
Cuddalore	BHUVANAGIRI	W112800079380001	11.4667	79.6333	Tube	Sethiathope II	60.6	59.93	30.5	30.65
Cuddalore	BHUVANAGIRI	W112800079380002	11.4667	79.6333	Tube	Sethiathope I	31.2	31.4	55	54.27
Cuddalore	KAMMAPURAM	W112725079222601	11.4569	79.3739	Tube	C.Keeranur EW	53	95.4	NA	49.2
Cuddalore	KAMMAPURAM	W112725079222602	11.4569	79.3739	Tube	C.Keeranur OW-1	48.95	54.58	NA	33.73
Cuddalore	KAMMAPURAM	W112725079222603	11.4569	79.3739	Tube	C.Keeranur OW-2	NA	45.95	NA	46.54
Cuddalore	KAMMAPURAM	W113700079253002	11.6167	79.425	Tube	Irruppu II	50.45	51.96	33.2	27.68
Cuddalore	KAMMAPURAM	W113330079290002	11.5583	79.4833	Dug	Neyveli I	6.7	6.56	1.58	3.05
Cuddalore	KAMMAPURAM	W113107079221101	11.5186	79.3697	Dug	Sattamangalam	3.6	3.92	1.05	1.27
Cuddalore	KAMMAPURAM	W113219079310801	11.5386	79.5189	Tube	Sengalpalayam I pz	85.83	84.73	65.63	82.4
Cuddalore	KAMMAPURAM	W113219079310802	11.5386	79.5189	Tube	Sengalpalayam II pz	84.97	87.7	65.6	80.9
Cuddalore	KANDAMANGALAM	W114552079455301	11.7644	79.7647	Dug	Cuddalore I	NA	4.15	0.1	NA
Cuddalore	KANDAMANGALAM	W114132079455002	11.6922	79.7639	Tube	Kudikadu I	6.1	6.32	19	15
Cuddalore	KANDAMANGALAM	W114132079455003	11.6922	79.7639	Tube	Kudikadu II	20.3	22.3	2.74	1.76
Cuddalore	KATTUMANNARKOIL	W111714079330602	11.2872	79.5517	Dug	Kattumannarkoil new	6.7	6.6	1	NA
Cuddalore	KATTUMANNARKOIL	W111630079325001	11.275	79.5472	Dug	Kattumannarkudi	NA	NA	NA	1.77
Cuddalore	KATTUMANNARKOIL	W112418079235401	11.405	79.3983	Tube	Srimushanam PZ	51.05	44.63	41	40.4
Cuddalore	KEERAPALAYAM	W112142079303001	11.3617	79.5083	Dug	Solatharam	3.1	1.45	0.57	1.15
Cuddalore	KOLLIDAM	W113406079112401	11.5683	79.19	Bore	Nallur Pz	NA	4.19	1.45	1.45
Cuddalore	KOMARAKSHI	W112300079230001	11.3833	79.3833	Dug	Chidambaram	3.2	3.45	1.56	1.76
Cuddalore	KOMARAKSHI	W111600079371501	11.2667	79.6208	Dug	Komaratchi	6.3	6.65	1.93	3.42
Cuddalore	KOMARAKSHI	W112143079280103	11.3619	79.4669	Tube	Palaiyamkottai EW	50.6	67.68	NA	63.24
Cuddalore	KOMARAKSHI	W112143079280104	11.3619	79.4669	Tube	Palaiyamkottai OW -1	80.1	67.9	NA	42.6

Cuddalore	KOMARAKSHI	W112143079280105	11.3619	79.4669	Tube	Palaiyamkottai OW -2	70	50.63	NA	NA
Cuddalore	KOMARAKSHI	W111821079353801	11.3058	79.5939	Dug	Veeranatham	4.4	4.47	2	2.35
Cuddalore	KURINCHIPADI	W113455079331201	11.5819	79.5533	Dug	Abaddaranapuram DW	3.4	3.48	0.63	1.9
Cuddalore	KURINCHIPADI	W113624079380601	11.6067	79.635	Dug	Anthanampettai DW	2.4	2.3	0.85	1.14
Cuddalore	KURINCHIPADI	W113652079394101	11.6144	79.6614	Tube	Arasadikuppam	98.95	90.1	NA	88.11
Cuddalore	KURINCHIPADI	W113703079331401	11.6175	79.5539	Dug	Gandhinagar-Nlc Arch Gate DW	12	13.77	7.24	12.8
Cuddalore	KURINCHIPADI	W113120079313201	11.5222	79.5256	Dug	Karunguli dw	1	0.95	0.45	0.67
Cuddalore	KURINCHIPADI	W113013079375701	11.5036	79.6325	Tube	Kattiyankuppam Pz-1	73.95	71.65	NA	63.5
Cuddalore	KURINCHIPADI	W113013079375702	11.5036	79.6325	Tube	Kattiyankuppam Pz-2	72.95	77.1	NA	54.61
Cuddalore	KURINCHIPADI	W113013079375703	11.5036	79.6325	Tube	Kattiyankuppam Pz-3	66.79	75.4	NA	52
Cuddalore	KURINCHIPADI	W113900079390002	11.65	79.65	Tube	Kattusagai(n)	67	67.36	54.4	51.9
Cuddalore	KURINCHIPADI	W113900079390001	11.65	79.65	Tube	Kattusagai(s)	60.06	59.84	55.3	54.58
Cuddalore	KURINCHIPADI	W113851079382101	11.6475	79.6392	Dug	Kattuvegakollai DW	NA	NA	2.46	4.9
Cuddalore	KURINCHIPADI	W113604079430801	11.6011	79.7189	Dug	Keelpuvanikuppam DW	2.55	2.7	1.05	1.75
Cuddalore	KURINCHIPADI	W113122079391201	11.5228	79.6533	Tube	Kodandaramapuram pz	42	41.2	35.1	31.64
Cuddalore	KURINCHIPADI	W113137079390601	11.5269	79.6517	Dug	Kundiamallur DW	3.55	4.4	1.15	1.6
Cuddalore	KURINCHIPADI	W113345079353002	11.5625	79.5917	Dug	Kurinjjipadi	6.5	7.04	0.1	2.2
Cuddalore	KURINCHIPADI	W113821079445001	11.6392	79.7472	Dug	Nadutitu DW	1.15	1.05	0.24	0.75
Cuddalore	KURINCHIPADI	W113532079353202	11.5922	79.5922	Tube	Pacharapalayam II-EW	77.6	74.44	60.95	73.04
Cuddalore	KURINCHIPADI	W113532079353201	11.5922	79.5922	Tube	Pacharapalayam PzI-OW	77	75.6	61.4	74.02
Cuddalore	KURINCHIPADI	W113230079344001	11.5417	79.5778	Tube	Rajankuppam PZ	27.65	29.17	11.24	12.5
Cuddalore	KURINCHIPADI	W114114079413901	11.6872	79.6942	Tube	Ramapuram -I EW	45.46	46.18	41.86	36.87
Cuddalore	KURINCHIPADI	W114114079413902	11.6872	79.6942	Tube	Ramapuram -II EW1	50.72	44.71	41.35	46.79
Cuddalore	KURINCHIPADI	W113222079352901	11.5394	79.5914	Dug	Reddipalayam DW	2.7	3.4	0.7	1.15
Cuddalore	KURINCHIPADI	W113156079354801	11.5322	79.5967	Tube	Reddipalayam pz	19.62	19.12	2.28	5.43

Cuddalore	KURINCHIPADI	W113146079315201	11.5294	79.5311	Dug	Seerakuppam dw	6.1	7.07	0.96	3.98
Cuddalore	KURINCHIPADI	W113704079431001	11.6178	79.7194	Tube	Srinivasanallur pz	25.9	22.9	NA	19.01
Cuddalore	KURINCHIPADI	W113409079404401	11.5692	79.6789	Dug	Teerthanagiri DW	3.6	3.73	0.25	1.88
Cuddalore	KURINCHIPADI	W113438079405901	11.5772	79.6831	Tube	Teerthanagiri EW	22.33	28.33	31.55	NA
Cuddalore	KURINCHIPADI	W113438079405902	11.5772	79.6831	Tube	Teerthanagiri OW-1	40.42	20.18	4.69	20.87
Cuddalore	KURINCHIPADI	W113438079405903	11.5772	79.6831	Tube	Teerthanagiri OW-2	20.8	11.46	28.48	15.5
Cuddalore	KURINCHIPADI	W113521079313901	11.5892	79.5275	Dug	Tekumellur DW	1.9	2.1	0.92	1.57
Cuddalore	KURINCHIPADI	W113502079380101	11.5839	79.6336	Tube	Thaiyalkunapattinam pz	33.09	NA	25.25	25.52
Cuddalore	KURINCHIPADI	W113659079442901	11.6164	79.7414	Dug	Tiruchchopuram DW	4.6	4.8	3.52	3.5
Cuddalore	KURINCHIPADI	W113215079323001	11.5375	79.5417	Dug	Vadalur	NA	9.65	0.76	2.76
Cuddalore	KURINCHIPADI	W113337079332201	11.5603	79.5561	Tube	Vadalur EW	NA	NA	NA	24
Cuddalore	KURINCHIPADI	W113337079332202	11.5603	79.5561	Tube	Vadalur OW-1	81.7	11.5	NA	78.4
Cuddalore	KURINCHIPADI	W113512079320001	11.5867	79.5333	Tube	Vanathirayapuram I	87.97	87.83	NA	85.3
Cuddalore	KURINCHIPADI	W113512079320002	11.5867	79.5333	Tube	Vanathirayapuram II	22.27	18.1	NA	21.74
Cuddalore	KURINJIPADI	W114007079345501	11.6686	79.5819	Dug	Vegakollai	NA	NA	NA	4.8
Cuddalore	MANGALUR	W112854079024501	11.4817	79.0458	Dug	Maapodaiyur DW	NA	5.78	2.4	1.9
Cuddalore	MANGALUR	W113045079004001	11.5125	79.0111	Bore	Mangalur	NA	4.63	2.54	2.54
Cuddalore	MANGALUR	W112430079003001	11.4083	79.0083	Dug	Tholudur(Dug )	NA	6.68	1.75	1.9
Cuddalore	NELLIKUPPAM	W114633079402401	11.7758	79.6733	Tube	Nellikuppam PZ	26.45	22.95	25.09	18.78
Cuddalore	PANRUTI	W114437079382503	11.7436	79.6403	Tube	Marungur -I EW	106.6	113.55	NA	NA
Cuddalore	PANRUTI	W114437079382501	11.7436	79.6403	Tube	Marungur-II OW	109.5	106.75	NA	NA
Cuddalore	PANRUTI	W114144079363601	11.6956	79.61	Tube	Silaminathanpettai I	69.87	67.31	53.16	68.54
Cuddalore	PANRUTI	W114144079363602	11.6956	79.61	Tube	Silaminathanpettai II	66.75	68.51	60.15	56.53
Cuddalore	PORTNOVA	W112645079455001	11.4458	79.7639	Dug	Killai	2.8	3.28	1	1.55
Cuddalore	PORTNOVA	W112922079425601	11.4894	79.7156	Dug	Periyakumudhi	4.71	2.86	0.78	1.15

Cuddalore	PORTNOVA	W112930079451501	11.4917	79.7542	Dug	Porto-nova	2.3	2.65	0.45	1.27
Cuddalore	PORTNOVA	W113113079431101	11.5203	79.7197	Tube	Puduchatram PZ	4.8	1.5	NA	NA
Cuddalore	VIRUTHACHALAM	W113630079190001	11.6083	79.3167	Dug	Kopuvanur	2.55	2.75	0.92	1.57
Cuddalore	VIRUTHACHALAM	W113100079201502	11.5167	79.3375	Tube	Virudachalam1	50.44	38.33	47.4	46.18
Cuddalore	VIRUTHACHALAM	W113100079200001	11.5167	79.3333	Dug	Vridhachalam	10.6	8.3	5.06	7.85
Dharmapuri	DHARMAPURI	W120702078091101	12.1172	78.1531	Dug	Bharathipuram	11.53	12.2	NA	8.8
Dharmapuri	DHARMAPURI	W120000078150001	12	78.25	Dug	Bommidimalapurm	7.26	7.09	6.42	2.5
Dharmapuri	DHARMAPURI	W120815078101501	12.1375	78.1708	Bore	Dharmapuri2	2.53	13.91	12.34	1.37
Dharmapuri	DHARMAPURI	W120846078102401	12.1461	78.1733	Dug	Kaveripattinathankottai	3.6	3.52	3.78	2.7
Dharmapuri	F	W121253078032301	12.2147	78.0564	Dug	Papparapatti (D)	9.42	NA	NA	NA
Dharmapuri	HARUR	W115625078240601	11.9403	78.4017	Dug	A.Pallipatti	6.02	NA	NA	2.34
Dharmapuri	HARUR	W120646078293901	12.1128	78.4942	Dug	Echambadi dw	2.17	7.83	5.88	2.26
Dharmapuri	HARUR	W120230078290002	12.0417	78.4833	Dug	Harur1	3.49	2.15	2.98	1.58
Dharmapuri	HARUR	W120305078290001	12.0514	78.4833	Bore	Harur2	11.76	10.73	11.15	7.18
Dharmapuri	HARUR	W115906078401803	11.985	78.6717	Bore	Kottapatti Pz	9.24	6.94	6.45	1.67
Dharmapuri	HARUR	W115800078250001	11.9667	78.4167	Dug	Mukkareddipatti	13.12	12.55	11.85	4.54
Dharmapuri	HARUR	W120551078374401	12.0975	78.6289	Dug	Mullaivanam	11.02	11.45	9.22	3.72
Dharmapuri	HARUR	W120629078244601	12.1081	78.4128	Dug	Thambichettipatti dw	16.04	16.99	16.55	3.1
Dharmapuri	HARUR	W120606078352101	12.1017	78.5892	Dug	Thirthamalai DW	8.75	8.68	7.1	2.65
Dharmapuri	MATTUR	W122258078244501	12.3828	78.4125	Dug	Mattur new	4.34	NA	NA	1.6
Dharmapuri	MOHANUR	W115625078033401	11.9403	78.0594	Bore	Thoppur pz	9.62	9.12	7.6	6.39
Dharmapuri	MORAPPUR	W121206078211601	12.2017	78.3544	Bore	Ecchambadi	10.68	20.16	16.85	3.6
Dharmapuri	MORAPPUR	W121540078180702	12.2611	78.3019	Dug	Irumattur new	8.96	9.75	9.9	5.63
Dharmapuri	MORAPPUR	W121139078174201	12.1942	78.295	Bore	Jaggubathipalayam	21.28	22.87	24.67	8.27
Dharmapuri	MORAPPUR	W120759078191101	12.1331	78.3197	Dug	Karthankulam DW	10.93	10.65	10.65	4.8

Dharmapuri	MORAPPUR	W120729078235601	12.1247	78.3989	Dug	Morappur dw	13.85	17.45	17.25	5.06
Dharmapuri	MORAPPUR	W120830078173001	12.1417	78.2917	Dug	Odasalapatti	8.35	8.75	9.13	3.55
Dharmapuri	MORAPPUR	W120835078170401	12.1431	78.2844	Dug	Odasalapatti x road	8.7	8.91	8.8	2.48
Dharmapuri	MORAPPUR	W120309078165001	12.0525	78.2806	Dug	Sillarahalli	11.33	11.87	10.1	5.3
Dharmapuri	NALLAMPALLI	W120800078033001	12.1333	78.0583	Dug	Indoor	NA	6.3	5.07	1.96
Dharmapuri	NALLAMPALLI	W115636078025301	11.9433	78.0481	Dug	Thoppur (D)	8.32	7.58	6.18	6.3
Dharmapuri	PAPPIREDDIPATTI	W115500078201001	11.9167	78.3361	Dug	Papireddipatti 1	2.5	2.33	2.05	0.75
Dharmapuri	PENNAGARAM	W120725077483001	12.1236	77.8083	Dug	Hogenakkal	4.62	4.58	3.1	3.6
Dharmapuri	PENNAGARAM	W120803077580601	12.1342	77.9683	Bore	Konagihalli(B.Agraharam)	83.24	NA	37.4	1.07
Dharmapuri	PENNAGARAM	W120800077590001	12.1333	77.9833	Dug	Nagadasampatti	6.96	7.9	4.05	2.23
Dharmapuri	PENNAGARAM	W120730077540001	12.125	77.9	Dug	Pennagaram 1	9.37	9.72	4.9	8.1
Dindigul	ATTUR	W101416077461501	10.2378	77.7708	Bore	Chitterivu pz	16.85	19.47	18.57	14.1
Dindigul	ATTUR	W101530077553001	10.2583	77.925	Dug	Gandhigram	5	5.4	3.25	2.15
Dindigul	ATTUR	W101940077560001	10.3278	77.9333	Bore	Pittalaipatti	12.05	13.41	11.8	5.5
Dindigul	ATTUR	W101621077500801	10.2725	77.8356	Bore	Siddayamkottai	NA	2.88	NA	1.45
Dindigul	DINDIGUL	W102426078000901	10.4072	78.0025	Dug	Chellamantadi	6.9	8.23	3.1	1.25
Dindigul	DINDIGUL	W102430077580001	10.4083	77.9667	Bore	Dindigul 1	2.82	3	1.59	1.8
Dindigul	DINDIGUL	W102200077581501	10.3667	77.9708	Dug	Dindigul 2	1.25	2.83	0.58	0.62
Dindigul	DINDIGUL	W102105077594001	10.3514	77.9944	Dug	Hanumanthanagar	2.25	3.01	0.25	0.9
Dindigul	DINDIGUL	W102030077593001	10.3417	77.9917	Bore	Kullanampatti	NA	10.1	3.92	3.25
Dindigul	DINDIGUL	W102232077590701	10.3756	77.9853	Dug	Nandavanampatti	2.17	2.45	1.2	1
Dindigul	DINDIGUL	W102130077583002	10.3583	77.975	Dug	Paraipatti	2.3	2.38	1.55	1.38
Dindigul	GIJILIYAMPARAI	W104050078065601	10.6806	78.1156	Dug	Guzilamparai	3.17	2.68	0.55	0.78
Dindigul	GIJILIYAMPARAI	W104530078020001	10.7583	78.0333	Dug	Idayapatti	13.77	14.13	13.65	11.15
Dindigul	GIJILIYAMPARAI	W104017077593201	10.6714	77.9922	Dug	Kakkinapatti	9.9	10.95	8.93	4.35

Dindigul	GIJILIYAMPARAI	W104338078082101	10.7272	78.1392	Dug	Muthampattipalayam	4	4.19	0.65	1.1
Dindigul	GIJILIYAMPARAI	W104450078053001	10.7472	78.0917	Bore	Servaikaranpatti	10.2	10.67	9	4
Dindigul	KODAIKANAL	W101405077290001	10.2347	77.4833	Dug	Kodaikanal	5.9	4.7	4.02	NA
Dindigul	KODAIKANAL	W101605077323001	10.2681	77.5417	Dug	Perumal Malai	0.37	0.3	0.05	NA
Dindigul	KODAIKANAL	W101606077370401	10.2683	77.6178	Dug	Uthu	14.8	1.16	0.45	NA
Dindigul	NATTAM	W101320078145001	10.2222	78.2472	Dug	Natham1	5.15	5.92	4.15	2.67
Dindigul	NATTAM	W101358078140001	10.2328	78.2333	Bore	Nattam	3.9	4.54	2.6	3.15
Dindigul	ODDANCHATRAM	W102800077393001	10.4667	77.6583	Dug	Chattrapatti	6.2	9.32	6.85	2.55
Dindigul	ODDANCHATRAM	W102927077451001	10.4908	77.7528	Bore	Oddanchatram1	6.75	8.04	6.73	3.85
Dindigul	ODDANCHATRAM	W102915077451501	10.4875	77.7542	Dug	Oodanchatram	3.65	5	3.55	1.88
Dindigul	ODDANCHATRAM	W102757077482001	10.4658	77.8056	Dug	Palakanthu	2.75	3.5	1.43	1.35
Dindigul	PALANI	W102830077340001	10.475	77.5667	Dug	Kanakkanpatti	3.45	4.2	3.4	1.52
Dindigul	PALANI	W102600077304501	10.4333	77.5125	Dug	Palani2	2.2	2.8	1.57	2.45
Dindigul	PALANI	W102743077422201	10.4619	77.7061	Dug	Pudu Ettama Nayakar Patti	5	6.15	2.08	1.05
Dindigul	REDDIYARCHATRAM	W102500077514001	10.4167	77.8611	Dug	Reddiarchatram	5.9	7.16	4.4	1.32
Dindigul	SANARPATTI	W101530078060001	10.2583	78.1	Bore	Sanarpatti	21.9	23.74	20.46	12.65
Dindigul	SANARPATTI	W102130078060001	10.3583	78.1	Dug	Vadamadurai	NA	12.9	9.28	5.5
Dindigul	TOPPAMPATTI	W103500077414001	10.5833	77.6944	Bore	Kallimandiam	NA	3	5.2	1.75
Dindigul	TOPPAMPATTI	W103524077313701	10.59	77.5269	Dug	Thoppampatti	4.35	5.83	6.22	1.38
Dindigul	TOPPAMPATTI	W103200077311501	10.5333	77.5208	Dug	Thumbalapatti	7.65	9.35	5.3	3.93
Dindigul	VADAMADURAI	W102845078110001	10.4792	78.1833	Bore	Ayyalur	14.1	18.5	13.6	NA
Dindigul	VADAMADURAI	W102419078024301	10.4053	78.0453	Dug	Thamaraipadi	9.4	8.3	6.95	1.99
Dindigul	VEDASANDUR	W103530078051001	10.5917	78.0861	Bore	Kovilur (Ramanathapuram)	4.25	4.61	3.6	2.8
Dindigul	VEDASANDUR	W103554077583201	10.5983	77.9756	Dug	P.Alagapuri	6.45	9.55	7.07	4.6
Dindigul	VEDASANDUR	W102735078013801	10.4597	78.0272	Dug	Sundarapuri	12.68	11.3	7.95	4.9



Dindigul	VEDASANDUR	W103245078041901	10.5458	78.0719	Dug	Vaivespuram	10.8	NA	NA	NA
Dindigul	VEDASANDUR	W103251077581601	10.5475	77.9711	Dug	Vedasandur new	0.35	12.4	3.47	2.25
Erode	AMMAPET	W113730077430001	11.625	77.7167	Bore	Ammamet1	NA	8.7	4.9	5.3
Erode	AMMAPET	W113710077444001	11.6194	77.7444	Dug	Ammamet2	NA	8.18	4.35	4.05
Erode	AMMAPET	W114204077401901	11.7011	77.6719	Bore	Chennampatti pz	NA	14.68	11.65	13.4
Erode	AMMAPET	W113932077410501	11.6589	77.6847	Dug	Gandhinagar Thaneerpanthalpalayam	NA	20.32	10.45	10.55
Erode	AMMAPET	W113830077410001	11.6417	77.6833	Bore	Guruvareddiyur	NA	17.5	8.85	14.2
Erode	AMMAPET	W113829077405601	11.6414	77.6822	Dug	Guvuar dw	NA	25.65	8.7	10.55
Erode	AMMAPET	W113212077423501	11.5367	77.7097	Dug	Krishnapuram	NA	10.15	2.55	3.4
Erode	AMMAPET	W113424077413801	11.5733	77.6939	Dug	Kurichi	NA	5.03	2.45	2.7
Erode	AMMAPET	W113423077414201	11.5731	77.695	Bore	Kurichi pz	NA	5.23	1.48	1.87
Erode	AMMAPET	W113531077395801	11.5919	77.6661	Dug	Punnachipudur dw	NA	10.73	3.65	5.95
Erode	AMMAPET	W113112077361201	11.52	77.6033	Bore	Settunampalayam pz	NA	15.1	5.5	6.9
Erode	ANDHIYUR	W113127077310001	11.5242	77.5167	Dug	Attani	NA	12.18	6.38	9.41
Erode	ANDHIYUR	W114830077320001	11.8083	77.5333	Dug	Bhavani I	NA	7.47	7.15	7.47
Erode	ANDHIYUR	W113243077354301	11.5453	77.5953	Bore	Kattupalayam pz	NA	10.7	3.15	3.4
Erode	ANDHIYUR	W113540077351501	11.5944	77.5875	Dug	Pudupalayam I	NA	14.25	5.15	3.47
Erode	BHAVANI	W112520077333001	11.4222	77.5583	Dug	Kavundapadi I	NA	6.13	1.8	2.26
Erode	BHAVANI	W112600077333001	11.4333	77.5583	Bore	Kavundappadi	NA	8.15	1.75	2
Erode	BHAVANI	W112754077362101	11.465	77.6058	Dug	Ooricheri	NA	5.58	3.27	5.92
Erode	BHAVANI	W112905077413001	11.4847	77.6917	Bore	Urachikottai	NA	6.24	2.57	2.34
Erode	BHAVANI	W112936077415501	11.4933	77.6986	Dug	Varadanallur	NA	1.8	1.05	1.15
Erode	BHAVANISAGAR	W112832077151501	11.4756	77.2542	Bore	Ariyappanpalayam pz	NA	5.25	4.03	4.4
Erode	BHAVANISAGAR	W113147077174301	11.5297	77.2953	Bore	Kambanaickenpalayam pz	NA	21	13.4	10.37
Erode	BHAVANISAGAR	W112245077134001	11.3792	77.2278	Bore	Kavilipalayam pz	NA	3.44	0.98	NA

Erode	BHAVANISAGAR	W112730077080001	11.4583	77.1333	Bore	Kottamangalam	NA	9.64	4.89	4.76
Erode	BHAVANISAGAR	W112100077100001	11.35	77.1667	Bore	Pungaipuliampatti	NA	12.62	3	8.1
Erode	BHAVANISAGAR	W112110077101001	11.3528	77.1694	Dug	Punjai Puliyampatti	NA	9.5	3.35	4.8
Erode	BHAVANISAGAR	W113144077083201	11.5289	77.1422	Bore	Rajan Nagar pz	NA	13.98	7.54	7.1
Erode	BHAVANISAGAR	W112558077120801	11.4328	77.2022	Bore	Vinnampalli	NA	NA	NA	16.05
Erode	CHENNIMALAI	W110817077361901	11.1381	77.6053	Bore	Basuvapatti pz	NA	6.92	2.17	1.77
Erode	CHENNIMALAI	W110945077355001	11.1625	77.5972	Dug	Chennimalai2	NA	5.79	5.04	4.85
Erode	CHENNIMALAI	W111333077345301	11.2258	77.5814	Dug	Ingur New	NA	7.58	3.42	3.43
Erode	CHENNIMALAI	W111410077393101	11.2361	77.6586	Dug	Vellodu new	NA	1.42	0.65	0.85
Erode	CHENNIMALAI	W111440077301001	11.2444	77.5028	Bore	Vijayamangalam pz	NA	NA	NA	7.8
Erode	DHARAPURAM	W103930077294501	10.6583	77.4958	Bore	Alangiyam PZ	NA	6.55	3.8	NA
Erode	DHARAPURAM	W104400077320001	10.7333	77.5333	Bore	Dharapuram1	NA	2.45	1.17	0.88
Erode	DHARAPURAM	W104420077314501	10.7389	77.5292	Dug	Dharapuram2	NA	4.75	3.15	2.55
Erode	DHARAPURAM	W104248077252101	10.7133	77.4225	Bore	Govindhapuram pz	NA	95.78	7.55	8.56
Erode	DHARAPURAM	W104550077354001	10.7639	77.5944	Dug	Karaiyur1	NA	NA	NA	4.5
Erode	DHARAPURAM	W104550077350301	10.7639	77.5842	Dug	Kolathupalayam	NA	7.3	2.5	2.65
Erode	DHARAPURAM	W104550077345901	10.7639	77.5831	Bore	Kolathupalayam pz	NA	6.95	2.8	NA
Erode	DHARAPURAM	W104153077232601	10.6981	77.3906	Bore	Ponnapuram pz	NA	39.55	20.5	21.9
Erode	ERODE	W112330077404001	11.3917	77.6778	Dug	Chittodu	NA	7.38	3.12	2.79
Erode	ERODE	W112158077430101	11.3661	77.7169	Bore	Erode pz	NA	6.09	2.31	3.35
Erode	ERODE	W112000077440001	11.3333	77.7333	Dug	Erode2	NA	5.35	3.65	4.55
Erode	ERODE	W111334077345401	11.2261	77.5817	Bore	Ingur pz	NA	6.05	6.1	3.2
Erode	ERODE	W112408077381501	11.4022	77.6375	Dug	VadakuThaieripalayam	NA	5.36	1.9	2.08
Erode	F	W103924077280401	10.6567	77.4678	Dug	Papayampudur	NA	15	4.2	4.9
Erode	GOPICHETTIPALAIYAM	W112700077270002	11.45	77.45	Bore	Gobichettipalayam pz	NA	8.71	4.31	NA

Erode	GOPICHETTIPALAIYAM	W112730077264501	11.4583	77.4458	Dug	Gobichettipalayam1	NA	7.75	1.7	2.74
Erode	GOPICHETTIPALAIYAM	W112920077292301	11.4889	77.4897	Bore	Gugalur	NA	7.73	2	3.03
Erode	GOPICHETTIPALAIYAM	W112716077200401	11.4544	77.3344	Bore	Kasipalayam pz	NA	4.95	0.75	1.7
Erode	GOPICHETTIPALAIYAM	W112216077212801	11.3711	77.3578	Bore	Kosanam pz	NA	NA	NA	1.95
Erode	KANGAYAM	W105930077333001	10.9917	77.5583	Bore	Kangayam1	NA	5.55	NA	5.9
Erode	KANGAYAM	W110010077334501	11.0028	77.5625	Dug	Kangayam2	NA	7.55	7.3	6.3
Erode	KANGAYAM	W110350077293202	11.0639	77.4922	Dug	Padiyur	NA	16.05	11.91	12.4
Erode	KANGAYAM	W105330077314501	10.8917	77.5292	Dug	Uthiyur	NA	6.2	8.67	5.15
Erode	KANGEYAM	W110151077320501	11.0308	77.5347	Dug	Erakalpudur(Sivanmalai)	NA	NA	11.62	12.5
Erode	KANGEYAM	W104605077391701	10.7681	77.6547	Dug	Ganapathipalayam	NA	17	7.9	4.67
Erode	KODUMUDI	W110455077530701	11.0819	77.8853	Bore	Kodumudi pz	NA	3.54	3.65	3.9
Erode	KODUMUDI	W110350077293201	11.0639	77.4922	Bore	Padiyur pz	NA	8.95	2.7	3.01
Erode	KODUMUDI	W110730077523001	11.125	77.875	Dug	Unjalur	NA	3.88	3.65	3.45
Erode	KUNDADAM	W104816077332501	10.8044	77.5569	Dug	Kullakalpalayam	NA	5.65	4.52	1.04
Erode	KUNDADAM	W104950077351101	10.8306	77.5864	Bore	Sangarandampalayam pz	NA	NA	NA	7.6
Erode	MODAKKURICHI	W111000077420001	11.1667	77.7	Bore	Arachchalur	NA	7.15	NA	NA
Erode	MODAKKURICHI	W110945077420001	11.1625	77.7	Dug	Archalur	NA	9.35	5.4	4.92
Erode	MODAKKURICHI	W111400077431501	11.2333	77.7208	Bore	Avalpundurair	NA	2.48	1.6	2.9
Erode	MODAKKURICHI	W111140077464501	11.1944	77.7792	Dug	Elmattur	NA	6.85	5.48	3.69
Erode	MODAKKURICHI	W111028077512401	11.1744	77.8567	Bore	Periyakolanalli pz	NA	2.49	2.19	1.29
Erode	MULANUR	W104750077432001	10.7972	77.7222	Bore	Mulanur1	NA	7.84	NA	NA
Erode	MULANUR	W104730077423001	10.7917	77.7083	Dug	Mulanur2	NA	5.45	3.45	2.84
Erode	MULANUR	W105022077431801	10.8394	77.7217	Dug	Nallu Road Junction	NA	3.92	3.55	1.9
Erode	MULANUR	W103835077440301	10.6431	77.7342	Bore	Nilangelvalasu pz	NA	5	4.23	3.23
Erode	MULANUR	W104204077442201	10.7011	77.7394	Dug	Pattaidurai	NA	3.75	1.85	1.08

Erode	NAMBIYUR	W112000077245001	11.3333	77.4139	Bore	Getticheviyur	NA	8.9	NA	NA
Erode	NAMBIYUR	W111725077195002	11.2903	77.3306	Bore	Malaiyalayam pz	NA	51.78	NA	4.1
Erode	NAMBIYUR	W112542077385701	11.4283	77.6492	Bore	Periyapuliyyur pz	NA	0.99	NA	0.53
Erode	PERNAMALLUR	W123330079210001	12.5583	79.35	Dug	Kolappalur	NA	16.13	6.75	3.25
Erode	PERUNDURAI	W114026077074401	11.6739	77.1289	Bore	Asanur pz	NA	13.54	9.96	13.75
Erode	PERUNDURAI	W111011077405001	11.1697	77.6806	Bore	E.Vellampalayam pz	NA	6.8	4.09	2.4
Erode	PERUNDURAI	W111353077313101	11.2314	77.5253	Bore	Kambaliyampatti pz	NA	36.87	3.75	3.44
Erode	PERUNDURAI	W110402077420801	11.0672	77.7022	Dug	Molengkuttipalayam	NA	7	3.4	4.32
Erode	PERUNDURAI	W112000077323002	11.3333	77.5417	Bore	Nallampatti pz	NA	9.03	4.23	3.93
Erode	PERUNDURAI	W112010077351001	11.3361	77.5861	Dug	Nasiyanur	NA	5.55	3.9	4.36
Erode	PERUNDURAI	W111645077350501	11.2792	77.5847	Dug	Perundurail	NA	15.3	14.45	15.38
Erode	PERUNDURAI	W111539077314901	11.2608	77.5303	Dug	Ponmudi	NA	23.5	23.15	23.45
Erode	PERUNDURAI	W113026077365002	11.5072	77.6139	Bore	Punnam pz	NA	6.45	2.75	3.5
Erode	PERUNDURAI	W111430077301501	11.2417	77.5042	Dug	Vijayamangalam I	NA	30.57	17.65	14.58
Erode	PUDUR	W110432077214601	11.0756	77.3628	Bore	Nagalapuram pz	NA	3.88	2.4	1.9
Erode	SATHYAMANGALAM	W112653077212801	11.4481	77.3578	Bore	Alukuli pz	NA	7	3.78	4.05
Erode	SATHYAMANGALAM	W112700077161001	11.45	77.2694	Dug	Indiampalayam	NA	4.92	0.6	1.28
Erode	SATHYAMANGALAM	W112532077142801	11.4256	77.2411	Bore	Kathampalayam pz	NA	NA	NA	2.4
Erode	SATHYAMANGALAM	W112543077142201	11.4286	77.2394	Bore	Kethampalayam	NA	5	1	NA
Erode	SATHYAMANGALAM	W112138077191501	11.3606	77.3208	Dug	Nambiyur	NA	16.77	5.29	2.59
Erode	SATHYAMANGALAM	W113010077145001	11.5028	77.2472	Dug	Sathiyamangalam	NA	8.75	7.05	7.38
Erode	SATHYAMANGALAM	W112950077141001	11.4972	77.2361	Bore	Sathiyamangalam I	NA	NA	NA	NA
Erode	SATHYAMANGALAM	W112919077092301	11.4886	77.1564	Bore	Velliyampalayamputhur pz	NA	6.7	2.2	6.4
Erode	TALAVADAI	W113738077362201	11.6272	77.6061	Bore	Alampalayam pz	NA	NA	NA	8.6
Erode	TALAVADAI	W113250077083001	11.5472	77.1417	Dug	Rajanagaram	NA	NA	6.47	5.54

Erode	TALAVADAI	W114632077012301	11.7756	77.0231	Dug	Talavadi new	NA	NA	3.6	1.65
Erode	TALAVADI	W112900077090001	11.4833	77.15	Dug	Murukkandurai (Bhavanisagar)	NA	6.45	0.45	1.57
Erode	TALAVADI	W113230077103401	11.5417	77.1761	Dug	Puduvadavalli	NA	22.6	16.55	13.1
Erode	TALAVADI	W112919077092302	11.4886	77.1564	Dug	Velliyampalayamputhur	NA	8.45	2.9	6.9
Erode	THUKKANAIKKNPALAYAM	W112949077203501	11.4969	77.3431	Dug	Arakkan kottai(Modur Diversion pirivu)	NA	NA	NA	1.8
Erode	TUKKANAYAKKANPALAYAM	W113015077243001	11.5042	77.4083	Dug	Bangalapudhur	NA	6.68	4.8	5.17
Erode	TUKKANAYAKKANPALAYAM	W112720077202201	11.4556	77.3394	Dug	Kasipalayam (E)	NA	5.17	1.1	1.2
Erode	TUKKANAYAKKANPALAYAM	W112354077310301	11.3983	77.5175	Bore	Pandiyampalayam pz	NA	22.3	5.1	6.96
Erode	TUKKANAYAKKANPALAYAM	W113047077252401	11.5131	77.4233	Dug	Punjaiduraiampalayam	NA	8.95	1.45	3.6
Erode	UTTUKULI	W111330077263701	11.225	77.4436	Bore	Chengapalli	NA	9.55	6.05	5.3
Erode	UTTUKULI	W111200077253001	11.2	77.425	Dug	Chengapalli1	NA	18.5	9	5.5
Erode	UTTUKULI	W110928077264001	11.1578	77.4444	Bore	Karumancheri pz	NA	48.7	38.5	7.6
Erode	UTTUKULI	W111645077244501	11.2792	77.4125	Bore	Kunnathur	NA	28.54	21.63	23.13
Erode	UTTUKULI	W111610077245001	11.2694	77.4139	Dug	Kunnathur1	NA	22.14	NA	NA
Erode	UTTUKULI	W111327077250701	11.2242	77.4186	Dug	Otti Vilangadu	NA	10.65	4.72	4.15
Erode	UTTUKULI	W111028077265001	11.1744	77.4472	Bore	Uthukuli pz	NA	19.05	13.05	9.96
Erode	VELLAIKOVIL	W110300077450001	11.05	77.75	Bore	Muttur	NA	3.04	3.29	2.54
Erode	VELLAIKOVIL	W110230077440001	11.0417	77.7333	Dug	Muttur1	NA	2.4	3.65	2.94
Erode	VELLAIKOVIL	W105730077410002	10.9583	77.6833	Bore	Olapalayam pz	NA	7.35	6.12	7
Erode	VELLAIKOVIL	W105731077432101	10.9586	77.7225	Bore	Puduppai pz	NA	4.85	4.85	4.95
Erode	VELLAIKOVIL	W105640077425501	10.9444	77.7153	Dug	Vellakoil	NA	2.7	2.1	1.43
Erode	VELLAIKOVIL	W113715077380001	11.6208	77.6333	Dug	Vellitripur	NA	6.57	3.2	2.47
Kancheepuram	ACHARAPAKKAM	W122400079490001	12.4	79.8167	Dug	Acharapakkam1	2.3	4.4	3.2	1
Kancheepuram	CHITAMUR	W122052079532101	12.3478	79.8892	Tube	Athur1	NA	NA	NA	1.58

Kancheepuram	CHITAMUR	W121530079543001	12.2583	79.9083	Dug	Chunamedu	3.3	4.4	1.1	1.05
Kancheepuram	CHITAMUR	W122050079543001	12.3472	79.9083	Dug	Kolathanallur	6.9	7.35	8.5	2.24
Kancheepuram	CHITHAMUR	W121601079590401	12.2669	79.9844	Bore	Chunambedu	3.9	3.5	2.5	0.28
Kancheepuram	CHITLAPAKKAM	W125148080133401	12.8633	80.2261	Dug	Chemmamcheri Periurban	3.83	3.23	1.05	1.94
Kancheepuram	CHITLAPAKKAM	W125400080140001	12.9	80.2333	Dug	Sholinganallur Periurban	3.55	1.9	0.32	1.45
Kancheepuram	ELLAPURAM	W131905079574501	13.3181	79.9625	Dug	Palavakkam (K)	NA	0.25	NA	NA
Kancheepuram	F	W124919080142601	12.8219	80.2406	Dug	Muttukadu	4.67	4.1	3	3.75
Kancheepuram	F	W125120080101001	12.8556	80.1694	Dug	Ponmar	2.65	3.82	0.61	1.46
Kancheepuram	KANCHEEPURAM	W125000079423001	12.8333	79.7083	Dug	Kancheepuram	6.58	6.63	5.83	3.66
Kancheepuram	KANCHEEPURAM	W124630079493001	12.775	79.825	Dug	Walajabad	NA	6.7	1.2	1.05
Kancheepuram	KATTANKOLATHUR	W124200079583001	12.7	79.975	Dug	Chenglepet I	3.35	3.62	0.6	1.89
Kancheepuram	KATTANKOLATHUR	W125030080040001	12.8417	80.0667	Dug	Guduvancheri	8.6	6	1.4	1
Kancheepuram	KATTANKOLATHUR	W125030080040002	12.8417	80.0667	Bore	Guduvancheri pz	NA	8.44	NA	2.2
Kancheepuram	KATTANKOLATHUR	W124850080020001	12.81388889	80.03333333	Dug	Kattangulathur	5.7	6.3	2.3	0.92
Kancheepuram	KATTANKOLATHUR	W125207080063701	12.8686	80.1103	Dug	Kolapakkam	4.93	4.4	0.55	1.33
Kancheepuram	KATTANKOLATHUR	W125305080064901	12.8847	80.1136	Bore	Nedunkundram	4.4	3.9	1.9	0.4
Kancheepuram	KATTANKOLATHUR	W125305080064902	12.8847	80.1136	Bore	Ponmar pz	2.13	0.9	0.67	1.55
Kancheepuram	KUNDRATHUR	W125331080040801	12.8919	80.0689	Dug	Mudichur	NA	NA	NA	0.63
Kancheepuram	KUNTRATTUR	W130055080081201	13.0153	80.1367	Dug	Gerugambakkam periurban	3.35	3.45	0.77	0.94
Kancheepuram	KUNTRATTUR	W130007080041001	13.0019	80.0694	Dug	Kundathur periurban	6.3	6.6	3.05	2.45
Kancheepuram	KUNTRATTUR	W125539080023401	12.9275	80.0428	Dug	Manimangalam	NA	NA	NA	2.02
Kancheepuram	KUNTRATTUR	W125331080040801	12.8919	80.0689	Dug	Mudichur periurban	3.05	2.8	0.75	NA
Kancheepuram	KUNTRATTUR	W125445080004501	12.9125	80.0125	Bore	Paddapai	7.05	7.05	0.05	1.05
Kancheepuram	KUNTRATTUR	W130121080091201	13.0225	80.1533	Dug	Porur dw	3.8	3.9	0.2	1.1
Kancheepuram	KUNTRATTUR	W125746080064702	12.9628	80.1131	Dug	Thiruneermalai periurban	7.19	7.49	2.49	4.27

Kancheepuram	KUNTRATTUR	W124905079561201	12.8181	79.9367	Bore	Vadakkupattu pz	0.5	NA	NA	0.37
Kancheepuram	MADURANTHAGAM	W123145079540001	12.5292	79.9	Dug	Madurantagam1	7.2	6.4	6	2.1
Kancheepuram	MADURANTHAGAM	W123030079533001	12.5083	79.8917	Bore	Maduranthakam	5.3	4.38	2.65	0.75
Kancheepuram	PONNAMALLEE	W130324080045501	13.0567	80.0819	Dug	Poonamallee	4.995	3.865	0.485	1.4
Kancheepuram	POONAMALLEE	W130129080063201	13.0247	80.1089	Dug	Mangadu	3.9	5.7	NA	0.46
Kancheepuram	POONAMALLEE	W130412080074401	13.07	80.1289	Dug	Tiruverkadu	6.35	6.2	0.97	NA
Kancheepuram	SRIPERUMBUDUR	W125102079544301	12.8506	79.9119	Bore	Panruti Kandigai	5.75	5.24	0.5	2.42
Kancheepuram	SRIPERUMPUDUR	W125800079570001	12.9667	79.95	Dug	Sriperumbudur	7.54	7.29	NA	2.51
Kancheepuram	ST.THOMAS	W125315080085501	12.8875	80.1486	Dug	Agaram2	3.25	2.7	1.05	2.53
Kancheepuram	ST.THOMAS	W125407080145801	12.9019	80.2494	Dug	Akkarai	3.45	3.3	0.21	1.9
Kancheepuram	ST.THOMAS	W125900080073001	12.9833	80.125	Dug	Anakkaputhur	8.25	7.6	0.52	1.4
Kancheepuram	ST.THOMAS	W125626080081501	12.9406	80.1375	Dug	Chitlapakkam	5.65	3.8	0.85	1.16
Kancheepuram	ST.THOMAS	W125705080082101	12.9514	80.1392	Dug	Chrompet	3.7	3.5	0.3	1.05
Kancheepuram	ST.THOMAS	W125635080085201	12.9431	80.1478	Dug	Hasthinapuram	10.03	7.23	0.53	1.3
Kancheepuram	ST.THOMAS	W125744080110301	12.9622	80.1842	Dug	Kilkattalai	7.5	6.25	1.5	2.11
Kancheepuram	ST.THOMAS	W125820080102501	12.9722	80.1736	Dug	Meenambakkam1	2.8	2.1	1.25	1.16
Kancheepuram	ST.THOMAS	W125727080073401	12.9575	80.1261	Dug	Nagalkeni	1.9	1.1	0.6	0.48
Kancheepuram	ST.THOMAS	W130015080111501	13.0042	80.1875	Dug	Nandambakkam	3.3	2.2	1.33	1.95
Kancheepuram	ST.THOMAS	W125822080091601	12.9728	80.1544	Dug	Pallavaram	6.15	5.8	0.6	1.2
Kancheepuram	ST.THOMAS	W125500080063001	12.9167	80.1083	Bore	Perungulathur	4.8	3.2	0.1	0.8
Kancheepuram	ST.THOMAS	W130026080115201	13.0072	80.1978	Dug	St.Thomas Mount dw	6.53	6.4	0.52	1.38
Kancheepuram	ST.THOMAS	W125600080080001	12.9333	80.1333	Dug	Tambaram1	8.4	5.2	2.3	4.35
Kancheepuram	ST.THOMAS	W125210080145001	12.8694	80.2472	Dug	Uthandi	3.7	3.8	0.94	2.37
Kancheepuram	ST.THOMAS	W125401080101601	12.9003	80.1711	Dug	Vengaivasal	7.73	2.75	2.28	6.02
Kancheepuram	TIRUKALUKKUNDRAM	W123730080113001	12.625	80.1917	Dug	Mahabalipuram	5.02	4.84	0.81	2.05



Kancheepuram	TIRUKALUKKUNDRAM	W123113080090601	12.5203	80.1517	Dug	Sadras	4.05	4.25	1.08	1.59
Kancheepuram	TIRUKALUKKUNDRAM	W124830080111501	12.8083	80.1875	Bore	Thiruporur	NA	2.04	0.22	1.7
Kancheepuram	TIRUKALUKKUNDRAM	W123630079400001	12.6083	79.6667	Dug	Tirukalukundram	5.5	4.5	1.89	2.6
Kancheepuram	TIRUKALUKKUNDRAM	W124345080113001	12.7292	80.1917	Dug	Tiruporur	4.1	2.6	1.42	2.26
Kancheepuram	TIRUKALUKKUNDRAM	W123418080010801	12.5717	80.0189	Bore	Vazhuthavur-Kattur	3.8	NA	1	NA
Kancheepuram	UTHIRAMERUR	W123408079432401	12.5689	79.7233	Bore	Arasanimangalam	3.36	3.01	2.31	1.31
Kancheepuram	UTTIRAMERUR	W123800079500001	12.6333	79.8333	Bore	Rettamangalam	2.49	4.37	1.89	0.63
Kancheepuram	UTTIRAMERUR	W124415079503001	12.7375	79.8417	Bore	Thirumukkudal	3.2	2.7	1.6	1.78
Kancheepuram	UTTIRAMERUR	W123630079441501	12.6083	79.7375	Dug	Uthiramerur2	5.8	6.7	NA	1.6
Kancheepuram	VILLIVAKKAM	W130713080082401	13.1203	80.14	Dug	Thirumullaivoyal	3.52	NA	0.83	NA
Kancheepuram	VILLIVAKKAM	W130223080104401	13.0397	80.1789	Dug	Valasaravakkam	NA	4.1	0.52	1.6
Kancheepuram	WALAJABAD	W124945079494801	12.8292	79.83	Bore	Uthukkadu pz	1.7	NA	NA	0.26
Kanyakumari	AGASTHEESWARAM	W080520077330001	8.08889	77.55	Bore	Kanyakumari PZ	8.46	7.64	5.83	4.19
Kanyakumari	AGASTHEESWARAM	W080500077330001	8.08333	77.55	Dug	Kanyakumari I	3.1	3	0.62	0.84
Kanyakumari	AGASTHEESWARAM	W080610077323801	8.10278	77.5439	Bore	Kundal(West) PZ	4.66	4.47	NA	1.16
Kanyakumari	AGASTHEESWARAM	W081000077270001	8.16667	77.45	Dug	Nagarkoil1	1.23	1.4	0.3	0.63
Kanyakumari	KILLIYOOR	W081320077153001	8.22222	77.2583	Dug	Vellaivilai	7.1	7.99	7	6.65
Kanyakumari	KURUNDANKODU	W081130077174301	8.19167	77.2953	Dug	Chettiarmadam DW	9.76	9.9	6.25	8.84
Kanyakumari	KURUNDANKODU	W081040077154501	8.17778	77.2625	Dug	Kolachal	10.78	10.98	9.7	11.06
Kanyakumari	KURUNDANKODU	W081330077213001	8.225	77.3583	Dug	Villukuri	5.17	7.75	1.65	4.87
Kanyakumari	MUNCHIRAI	W081835077125101	8.30972	77.2142	Dug	Marthandam	6.97	7.54	8.91	8
Kanyakumari	MUNCHIRAI	W081835077125102	8.30972	77.2142	Bore	Marthandam pz	11.24	11.85	9.5	10.46
Kanyakumari	RAJAKKAMANGALAM	W080755077220001	8.13194	77.3667	Bore	Rajakamangalam	1.61	1.94	0.9	2.1
Kanyakumari	TAKKALAI	W081455077183001	8.24861	77.3083	Bore	Thakkalai1	4.3	4.16	3.7	3.16
Kanyakumari	THOVALA	W081500077310001	8.25	77.5167	Dug	Aralvaimozhi	4.14	4.4	1.3	4.03

Kanyakumari	THOVALA	W081530077271001	8.25833	77.4528	Dug	Boothapandy	4.2	3.95	NA	4.36
Kanyakumari	THOVALA	W081405077140502	8.23472	77.2347	Bore	Karungal pz	10	11.3	10	10.51
Kanyakumari	TIRUVATTAR	W081930077153001	8.325	77.2583	Dug	Attur	7.66	6.87	4.48	7.85
Kanyakumari	TIRUVATTAR	W081702077161901	8.28389	77.2719	Dug	Kattudurai DW	4.82	5.11	3.78	5.5
Kanyakumari	TIRUVATTAR	W082108077170901	8.35222	77.2858	Dug	Kulasekharan DW	6.59	6.4	3.25	6.1
Kanyakumari	TIRUVATTAR	W082000077160401	8.33333	77.2678	Bore	Thiruvattar	7.3	7.2	2.66	8.36
Karaikal	Karaikal	W105556079495302	10.93222222	79.83138889	Dug	Karaikal dw	NA	3.36	1.46	0.84
Karaikal	Karaikal	W105600079503001	10.93333333	79.84166667	Dug	Kilakasakudi	NA	3.15	1.20	1.37
Karaikal	Karaikal	W105730079490001	10.95833333	79.81666667	Dug	Kottucherry	NA	4.1	2.50	1.57
Karaikal	Karaikal	W105534079473201	10.92611111	79.79222222	Dug	Thirunallur	NA	2.15	1.90	1.45
Karur	ARAVAKURICHI	W104630077553001	10.775	77.925	Dug	Aravakurichi2	NA	10.55	5.5	5.3
Karur	ARAVAKURICHI	W105245078293001	10.8792	78.4917	Bore	Ayyarmalai pz	NA	6.09	NA	NA
Karur	ARAVAKURICHI	W105100078000001	10.85	78	Bore	Choladasanpatti pz	NA	NA	22.45	11.39
Karur	ARAVAKURICHI	W105100078293002	10.85	78.4917	Bore	Enungur pz	NA	6.54	2.39	1.89
Karur	ARAVAKURICHI	W104537077494401	10.7603	77.8289	Bore	Kovilur	NA	4.65	2.85	1.55
Karur	K.PARAMATHI	W105200077540002	10.8667	77.9	Dug	Chinna Dharapuram	NA	4.67	2.37	2.5
Karur	K.PARAMATHI	W105800077544501	10.9667	77.9125	Dug	Paramatti 1	NA	1.28	0.62	0.55
Karur	KADAVUR	W104644078115102	10.7789	78.1975	Dug	Veerapalayam dw	NA	13.5	9.25	6.95
Karur	KARUR	W110345078021003	11.0625	78.0361	Bore	Ayyampalayam pz	NA	1.86	1.3	1.66
Karur	KARUR	W105730078050001	10.9583	78.0833	Dug	Karur2	NA	4.05	1.4	0.6
Karur	KARUR	W110330077560001	11.0583	77.9333	Bore	Noyyil pz	NA	2.15	2.43	1.97
Karur	KRISHNARAYAPURAM	W105132078252203	10.8589	78.4228	Bore	Echampatti pz	NA	4.24	0.07	0.25
Karur	KRISHNARAYAPURAM	W105630078143001	10.9417	78.2417	Dug	Mayanur	NA	8.15	6.55	4.45
Karur	KRISHNARAYAPURAM	W105715078142002	10.9542	78.2389	Bore	Mayanur Ow pz	NA	15.11	3.7	2.7
Karur	KRISHNARAYAPURAM	W105236078131901	10.8767	78.2219	Dug	Melnagavaram dw	NA	3.18	1.5	1.23

Karur	KULITHALAI	W105158078325001	10.8661	78.5472	Dug	Allur-Agragaram dw	NA	2.27	1.33	1.65
Karur	KULITHALAI	W105117078291601	10.8547	78.4878	Dug	Enuguru DW	NA	7.66	3.75	2.75
Karur	THANTHONI	W105200078080001	10.8667	78.1333	Dug	Vellianani	NA	9.57	8.85	7.5
Karur	THATHENI	W105030078100001	10.8417	78.1667	Dug	Jagatabi	NA	10.75	7.9	3.24
Karur	THOGAMALAI	W104345078253001	10.7292	78.425	Dug	Thogamalai	NA	1.25	NA	0.59
Krishnagiri	BARGUR	W123245078213002	12.5458	78.3583	Bore	Bargur pz	NA	31.28	11.59	NA
Krishnagiri	BARGUR	W123900078194501	12.65	78.3292	Dug	Guruvinayanpalli	NA	NA	NA	11.24
Krishnagiri	BARGUR	W121958078210101	12.3328	78.3503	Dug	Konnanur	5.15	2.05	1.4	1.5
Krishnagiri	HOSUR	W124300077500001	12.7167	77.8333	Bore	Hosur HP	NA	10.18	8.47	10.19
Krishnagiri	HOSUR	W123656077470401	12.6156	77.7844	Dug	Machinayampalli	NA	23.15	18.15	12.15
Krishnagiri	KAVERIPATTANAM	W122330078144901	12.3917	78.2469	Dug	Panneswara Madam	NA	5.53	4.8	5.44
Krishnagiri	KAVERIPATTANAM	W122027078144501	12.3408	78.2458	Dug	Tattarhalli	NA	6.11	4.65	2.53
Krishnagiri	KAVERIPATTINAM	W122430078123001	12.4083	78.2083	Dug	Karukkanchavadi	NA	0.87	1.1	1.63
Krishnagiri	KAVERIPATTINAM	W122445078134501	12.4125	78.2292	Bore	Kaveripatnam	NA	3.1	2.6	2.2
Krishnagiri	KAVERIPATTINAM	W122409078203701	12.4025	78.3436	Dug	Mahadeva Gollahalli	NA	7.22	4.8	2.98
Krishnagiri	KELAMANGALAM	W123400077540001	12.5667	77.9	Dug	Anusonai	3.7	2.35	2	2.25
Krishnagiri	KELAMANGALAM	W123130077470001	12.525	77.7833	Dug	Denkanikottai 1	11.2	10.05	6.35	4.63
Krishnagiri	KELAMANGALAM	W123205078025601	12.5347	78.0489	Dug	Kawthalam	NA	2.49	6.18	1.58
Krishnagiri	KELAMANGALAM	W123350077544601	12.5639	77.9128	Dug	Nagathunai	8.35	8.1	6.5	3.35
Krishnagiri	KELAMANGALAM	H123040078304001	12.5111	78.5111	Dug	Rayakottai	NA	5.46	5.44	2.05
Krishnagiri	KRISHNAGIRI	W122426078095701	12.4072	78.1658	Bore	Billakottai Pz	NA	12.76	11.03	7.07
Krishnagiri	KRISHNAGIRI	W123150078135001	12.5306	78.2306	Bore	Krishnagiri 1	NA	6.57	4.73	NA
Krishnagiri	KRISHNAGIRI	W122447078101501	12.4131	78.1708	Dug	Machinkanakottai	4.03	4.55	1.47	0.87
Krishnagiri	KRISHNAGIRI	W123730078151501	12.625	78.2542	Bore	Megalachinnapalli	NA	35.22	35.72	18.65
Krishnagiri	MATTUR	W122300078245001	12.3833	78.4139	Dug	Mattur	NA	NA	7.7	5.5

Krishnagiri	MATTUR	W122300078250001	12.3833	78.4167	Bore	Mattur2	9.6	8.48	7	5.09
Krishnagiri	SHOOLAGIRI	W124530077584501	12.7583	77.9792	Bore	Athimugam1	NA	8.85	7.08	5.86
Krishnagiri	SHOOLAGIRI	W124000078013001	12.6667	78.025	Dug	Sulagiri	NA	8.09	8.41	7.26
Krishnagiri	SHOOLAGIRI	W123536077520501	12.5933	77.8681	Dug	Virupakshinagar	NA	1.35	1.1	1.48
Krishnagiri	UTHANGARAI	W122051078331801	12.3475	78.555	Dug	Vanambli	9.55	2.93	1.79	1.87
Krishnagiri	UTTANGARI	W121322078314202	12.2228	78.5283	Bore	Keezhkuppam Pz	14.05	13.92	8.89	4.5
Krishnagiri	UTTANGARI	W121600078314502	12.2667	78.5292	Dug	Uttangarai	NA	7.42	2.85	2.9
Madurai	ALANGANALLUR	W100638078064801	10.1106	78.1133	Bore	Palamedu pz	10.75	13.08	10.45	8.05
Madurai	ALANGANALLUR	W100107078060402	10.0186	78.1011	Bore	Thandalai pz	3.2	2.87	2.28	2.7
Madurai	CHELLAMPATTI	W095638077544501	9.94389	77.9125	Bore	Cellampatti Pz	10.08	8.39	3.45	NA
Madurai	CHELLAMPATTI	W095226077520502	9.87389	77.8681	Bore	Thummakaundu pz	7.5	7.73	7.73	6.5
Madurai	CHELLAMPATTI	W095515077530001	9.92083	77.8833	Bore	Tirumangalam pz	7.65	8.2	7.15	5.27
Madurai	KALLIGUDI	W093829077582802	9.64139	77.9744	Bore	Avalsuranpatti pz	5.85	4.34	3.83	2.17
Madurai	KALLUPATTI	W094225077530801	9.70694	77.8856	Dug	Kolluveeranpatti	6.5	7	4.9	3.65
Madurai	KALLUPATTI	W094225077530802	9.70694	77.8856	Bore	Kolluveeranpatti pz	6.36	6.7	11.18	NA
Madurai	KOTTAMPATTI	W101319078223802	10.2219	78.3772	Bore	Kottampatti pz	11.95	13.28	8.64	3.86
Madurai	KOTTAMPATTI	W101535078213102	10.2597	78.3586	Bore	Thonthilingapuram pz	11.81	12.15	2.94	3.5
Madurai	MADURAI EAST	W095431078110902	9.90861	78.1858	Bore	Andarkottaram pz	0.7	1.02	1.06	1.47
Madurai	MADURAI EAST	W100245078120001	10.0458	78.2	Bore	Kallandri1	11.2	1.15	0.97	1.28
Madurai	MADURAI EAST	W095348078151802	9.89667	78.255	Bore	Kunnathur pz	6.45	7.4	2.4	3.97
Madurai	MADURAI EAST	W095839078114502	9.9775	78.1958	Bore	Thethankulam pz	6.43	4.58	4.98	6.55
Madurai	MADURAI EAST	W100509078222902	10.0858	78.3747	Bore	Thumbaipatti pz	6.72	7.16	1.66	2.1
Madurai	MADURAI EAST	W095445078152502	9.9125	78.2569	Bore	Varichiyur pz	9.03	9.88	2.38	3.94
Madurai	MADURAI EAST	W100335078161502	10.0597	78.2708	Bore	Vellalapatti pz	NA	7.42	2.02	2.75
Madurai	MADURAI WEST	W100445078103001	10.0792	78.175	Dug	Kadavoor	6.05	5.22	3.65	3

Madurai	MADURAI WEST	W100050078065302	10.0139	78.1147	Bore	Kulam nagalm pz	0.75	0.75	0.7	NA
Madurai	MADURAI WEST	W100306078095602	10.0517	78.1656	Bore	M.Chathirapatti pz	4.65	3.44	2.75	1.77
Madurai	MADURAI WEST	W095942078084901	9.995	78.1469	Bore	Omachikulam pz	3.93	2.69	1.86	2.5
Madurai	MELUR	W095806078232902	9.96833	78.3914	Bore	Ambalakaranpatti pz	2.26	2.65	1.08	1.48
Madurai	MELUR	W100150078200001	10.0306	78.3333	Bore	Melur I	3.95	3.05	1.5	2.5
Madurai	MELUR	W100200078204002	10.0333	78.3444	Dug	Meluru new	5.8	2.69	2.1	2.45
Madurai	MELUR	W100158078233701	10.0328	78.3936	Bore	Thaniyamangalam pz	5.86	6.18	1.91	2.5
Madurai	SEDAPATTI	W094434077473202	9.74278	77.7922	Bore	Peraiyur pz	8.75	8.7	6.77	4.55
Madurai	SEDAPATTI	W094546077442102	9.76278	77.7392	Bore	Saptur pz	12.4	11.63	12.28	9.7
Madurai	SEDAPATTI	W094500077403001	9.75	77.675	Bore	Sedapatti	5.9	5.67	5.15	3.92
Madurai	SEDAPATTI	W094957077430002	9.8325	77.7167	Bore	T.Ramanathapuram pz	1.13	1.71	2.82	1.93
Madurai	THIRUPPARANKUNDRAM	W094815078053001	9.80417	78.0917	Dug	Valayankulam	12.08	7.2	3.12	2.13
Madurai	TIRUMANGALAM	W095629077580501	9.94139	77.9681	Dug	Chekkanoorani	5.65	5.35	2.6	4.35
Madurai	TIRUMANGALAM	W095629077580502	9.94139	77.9681	Bore	Chekkanoorani pz	3.56	3.14	0.97	2.45
Madurai	TIRUMANGALAM	W094712078000702	9.78667	78.0019	Bore	Keelakottai pz	3.91	3.34	2.36	2.1
Madurai	TIRUMANGALAM	W095045077534102	9.84583	77.8947	Bore	P.Ammapatti pz	NA	3.18	1	0.95
Madurai	TIRUPARANKUNRAM	W094749078053601	9.79694	78.0933	Dug	Eliyarpathi	10.69	11.94	9.82	6.08
Madurai	TIRUPARANKUNRAM	W095627078000201	9.94083	78.0006	Dug	M.K.University	6.55	6.71	5.45	2.2
Madurai	TIRUPARANKUNRAM	W095304078105701	9.88444	78.1825	Dug	M.Puliyankulam	3.25	3.05	2.04	4.7
Madurai	TIRUPARANKUNRAM	W095508078064301	9.91889	78.1119	dug	Madurai New College House	NA	15.75	15.08	14.36
Madurai	TIRUPARANKUNRAM	W095538078061301	9.92722	78.1036	Dug	Madurai Rly Colony	NA	14.09	10.72	11.63
Madurai	TIRUPARANKUNRAM	W095430078091001	9.90833	78.1528	Dug	Madurai south	NA	5.91	4.7	NA
Madurai	TIRUPARANKUNRAM	W095643078070701	9.94528	78.1186	Dug	Meenambalpuram	NA	NA	NA	NA
Madurai	TIRUPARANKUNRAM	W095605078100801	9.93472	78.1689	Dug	Melamadai	4.05	5.95	3.5	3.5
Madurai	TIRUPARANKUNRAM	W095119078033202	9.85528	78.0589	Bore	Nilaiyur pz	NA	4.96	NA	NA

Madurai	TIRUPARANKUNRAM	W095011078032402	9.83639	78.0567	Bore	Surakulam pz	1.1	1.57	0.87	1.1
Madurai	TIRUPARANKUNRAM	W095704078122601	9.95111	78.2072	Dug	Thirumogur	8.15	4.55	0.73	1.2
Madurai	TIRUPARANKUNRAM	W095913078082001	9.98694	78.1389	Dug	Thirupallai	4	3.4	1.28	1.2
Madurai	TIRUPARANKUNRAM	W094815078053002	9.80417	78.0917	Bore	Valayankulam pz	NA	13.11	12.18	9.45
Madurai	TIRUPARANKUNRAM	W095738078042301	9.96056	78.0731	Dug	Vilangudi	4.13	3.18	2.43	1.75
Madurai	TIRUPATTUR	W095136078011901	9.86	78.0219	Dug	Kappalur (M)	NA	5.72	NA	NA
Madurai	USHILAMPATTI	W095910077481502	9.98611	77.8042	Dug	Usilampatti new	NA	7.02	NA	0.4
Madurai	VADIPATTI	W100300078054801	10.05	78.0967	Bore	Alanganallur	6.28	5.97	5.65	5.2
Madurai	VADIPATTI	W100453077580101	10.0814	77.9669	Dug	Vadipatti dw	0.92	3.93	5.02	5.42
Madurai	VADIPATTI	W100503077573101	10.0842	77.9586	Bore	Vadipatti Pz	3.55	1.3	0.45	0.85
Nagapattinam	KILAIYUR	W103744079445401	10.6289	79.7483	Dug	Valagarai	NA	2.68	1.2	0.35
Nagapattinam	KIZHVELUR	W104600079440001	10.7667	79.7333	Dug	Keelvalur	NA	4.66	2.2	2.2
Nagapattinam	KOLLIDAM	W111948079463101	11.33	79.7753	Dug	Nallur	NA	5.1	3.15	1.5
Nagapattinam	KOLLIDAM	W111715079430001	11.2875	79.7167	Tube	Puttur	NA	20.05	18.75	17.8
Nagapattinam	KUTTALAM	W105930079340501	10.9917	79.5681	Tube	Paramasivapuram II	NA	17.08	16.9	16.35
Nagapattinam	KUTTALAM	W105929079340001	10.9914	79.5667	Tube	Paramasivapuram III	NA	9.84	4.77	4.21
Nagapattinam	MAYAVARAM	W110540079392001	11.0944	79.6556	Dug	Mayavaram	NA	2.81	0.83	1.52
Nagapattinam	MAYILADUTHURAI	W111235079395001	11.2097	79.6639	Dug	Thalaignayiru	NA	2	1.63	0.28
Nagapattinam	NAGAPATTINAM	W104657079503501	10.7825	79.8431	Dug	Nagapattinam	NA	4.72	1.9	2.27
Nagapattinam	NAGAPATTINAM	W104804079503101	10.8011	79.8419	Dug	Nagore	NA	3.6	1.55	1.15
Nagapattinam	NAGAPATTINAM	W104100079501501	10.6833	79.8375	Dug	Odacherry	NA	1.45	0.4	0.47
Nagapattinam	NAGAPATTINAM	W104100079501501	10.6833	79.8375	Dug	Velanganni	NA	3.91	2.1	0.35
Nagapattinam	SEMBANARKOVIL	W110101079510501	11.0169	79.8514	Dug	Tranquebar	NA	2.6	1.05	1.8
Nagapattinam	SIRKAZHI	W110849079500601	11.1469	79.835	Dug	Poompuhar Melaiyur	NA	3.58	2.07	1.85
Nagapattinam	TALAINAYAR	W102841079494401	10.4781	79.8289	Dug	Thirukadaiyur	NA	4.35	2.18	0.05

Nagapattinam	VEDARANNIYAM	W102430079410001	10.4083	79.6833	Dug	Thagattur	NA	3.11	0.48	1.1
Nagapattinam	VEDARANNIYAM	W102841079494501	10.4781	79.8292	Dug	Thamaraipulam	NA	3.1	0.6	0.23
Nagapattinam	VEDARANNIYAM	W102100079514501	10.35	79.8625	Dug	Vedaranyam	NA	2	0.56	0.56
Nagapattinam	VEDARANYAM	W102504079501101	10.4178	79.8364	Dug	Thethakudi	NA	2.5	0.48	0.2
Namakkal	ELACHIPALAYAM	W112305078004502	11.3847	78.0125	Dug	Elachipalayam new	NA	12.2	8.75	7.38
Namakkal	ELACHIPALAYAM	W111856078020101	11.3156	78.0336	Dug	Kattipalayam	NA	14.3	6.67	4.4
Namakkal	ELACHIPALAYAM	W112111077572201	11.3531	77.9561	Dug	Unjanai	NA	15.25	5.7	5.23
Namakkal	ELACHIPALAYAM	W112000078050001	11.3333	78.0833	Dug	Vaiyappamalai	NA	11.15	2.8	2.48
Namakkal	ERUMAIPATTY	W111008078162801	11.1689	78.2744	Dug	Pottireddipatti	NA	8.8	1.95	2.67
Namakkal	F	W111447077501001	11.2464	77.8361	Dug	Uthandipalayam	NA	16.15	5.35	6.62
Namakkal	KABILARMALAI	W111410077545101	11.2361	77.9142	Dug	Pudur Siddhampoondi	NA	3.91	NA	2.25
Namakkal	KABILARMALAI	W110850077560401	11.1472	77.9344	Dug	Semmadaipalayam	NA	3.95	2.37	2.23
Namakkal	KABILARMALAI	W111500077543001	11.25	77.9083	Bore	Solasiramani	NA	6	4.34	5.52
Namakkal	KABILARMALAI	W110630078001201	11.1083	78.0033	Dug	Velur	NA	3.86	3.06	2.62
Namakkal	MALLASAMUDRAM	W113100078021001	11.5167	78.0361	Dug	Kalipatti	NA	12.1	6.5	5.43
Namakkal	MALLASAMUDRAM	W112625078003301	11.4403	78.0092	Bore	Ramapuram	NA	7.99	5.77	3.04
Namakkal	MOHANUR	W110340078083001	11.0611	78.1417	Bore	Mohanur	NA	4.05	2.2	2.25
Namakkal	MOHANUR	W110518078043701	11.0883	78.0769	Dug	Palapati	NA	0.42	0.8	0.5
Namakkal	MOHANUR	W110828078131201	11.1411	78.22	Dug	SPN Nagar	NA	12.55	3.45	3.82
Namakkal	MOHANUR	W110604078090601	11.1011	78.1517	Dug	Thoppur (N)	NA	10.85	7.2	5.5
Namakkal	NAMAGIRIPETTAI	W113232078205201	11.5422	78.3478	Dug	Ayilpatti	NA	9.25	7	10.31
Namakkal	NAMAGIRIPETTAI	W113424078241601	11.5733	78.4044	Dug	Eswaramoorthypalayam	NA	38.85	27.65	18.75
Namakkal	NAMAGIRIPETTAI	W112859078223001	11.4831	78.375	Dug	Kamarajar Nagar	NA	13.35	2.85	7.2
Namakkal	NAMAGIRIPETTAI	W112818078181601	11.4717	78.3044	Dug	Kumbakkottai	NA	17.7	17.77	16.85
Namakkal	NAMAGIRIPETTAI	W113100078203001	11.5167	78.3417	Dug	Metala	NA	12.35	11.3	4.35



Namakkal	NAMAGIRIPETTAI	W112734078234901	11.4594	78.3969	Dug	Mullakurchi dw	NA	8.25	6.3	3.88
Namakkal	NAMAGIRIPETTAI	W112745078163001	11.4625	78.275	Dug	Namagiripet	NA	10.83	6.18	6.82
Namakkal	NAMAGIRIPETTAI	W112500078180001	11.4167	78.3	Dug	Singalanadu prm	NA	15.5	13.1	15.25
Namakkal	NAMAGIRIPETTAI	W113515078262501	11.5875	78.4403	Dug	T.Naickanpatti	NA	13.55	5.05	NA
Namakkal	NAMAGIRIPETTAI	W113037078205501	11.5103	78.3486	Dug	Udayarpalayam dw	NA	2.3	1.75	2.75
Namakkal	NAMAKKAL	W111627078045701	11.2742	78.0825	Dug	Kalinayakkanur	NA	4.36	2.98	3.49
Namakkal	NAMAKKAL	W111312078100001	11.22	78.1667	Bore	Namakkal1	NA	6.52	3.57	NA
Namakkal	NAMAKKAL	W111300078102001	11.2167	78.1722	Dug	Namakkal2	NA	1.81	1.85	1.11
Namakkal	NAMAKKAL	W111144078063101	11.1956	78.1086	Dug	Pulavar Palayam	NA	6.4	4.6	3
Namakkal	NAMAKKAL	W111112078100501	11.1867	78.1681	Dug	Thondichettipatti	NA	15.7	10.58	9.3
Namakkal	PALLIPALAYAM	W112103077455001	11.3508	77.7639	Dug	Annai sathyanagar	NA	0.55	2.8	2.84
Namakkal	PALLIPALAYAM	W112446077462501	11.4128	77.7736	Dug	Sammankadu Elanthankottai	NA	10.2	9.25	2.6
Namakkal	PALLIPALAYAM	W112509077420201	11.4192	77.7006	Dug	Sanarpalayam	NA	3.2	3.3	3.36
Namakkal	PALLIPALAYAM	W112319077455301	11.3886	77.7647	Dug	Tharagadu Mandavathur	NA	3.88	0.78	0.85
Namakkal	PARAMATHI	W111215077593001	11.2042	77.9917	Dug	Irumbapalam	NA	2.75	1.28	1.5
Namakkal	PARAMATHI	W111600077583001	11.2667	77.975	Bore	Nallurgaundanpalayam	NA	8.25	5.82	4.24
Namakkal	PARAMATHI	W110915078011501	11.1542	78.0208	Bore	Paramarathi	NA	4.37	NA	NA
Namakkal	PARAMATHI	W110924078011701	11.1567	78.0214	Dug	Paramarathi dw	NA	5.335	3.855	2.75
Namakkal	PUDUCHATHIRAM	W112157078070901	11.3658	78.1192	Bore	Ezhur-Olapalayam D	NA	98.14	31.25	56.41
Namakkal	PUDUCHATHIRAM	W112157078070902	11.3658	78.1192	Bore	Ezhur-Olapalayam S	NA	55.15	24.2	49
Namakkal	PUDUCHATHIRAM	W112143078082501	11.3619	78.1403	Dug	Lakkayampatti	NA	15.3	4.35	9.15
Namakkal	PUDUCHATHIRAM	W111810078140001	11.3028	78.2333	Dug	Senthamangalam	NA	7.78	3.85	4.11
Namakkal	RASIPURAM	W112557078093201	11.4325	78.1589	Bore	Anaipalayam D	NA	5.65	NA	NA
Namakkal	RASIPURAM	W112557078093202	11.4325	78.1589	Bore	Anaipalayam S	NA	4.7	NA	NA
Namakkal	RASIPURAM	W112730078133001	11.4583	78.225	Dug	Rasipuram1	NA	12.2	5.35	6

Namakkal	SENDAMANGALAM	W112000078144501	11.3333	78.2458	Dug	K.Naickanpatti	NA	8.37	4.8	7
Namakkal	THIRUCHENGODU	W111853077474101	11.3147	77.7947	Bore	Kokkarayanpettai D	NA	1.85	1.92	2.13
Namakkal	THIRUCHENGODU	W111853077474102	11.3147	77.7947	Bore	Kokkarayanpettai S	NA	1.26	1.73	1.93
Namakkal	TIRUCHENGODU	W112148077483201	11.3633	77.8089	Dug	Ainthu Panai	NA	1.75	1.55	1.46
Namakkal	TIRUCHENGODU	W111854077552701	11.315	77.9242	Dug	Chittalandur dw	NA	4.81	2.93	3.15
Namakkal	TIRUCHENGODU	W111600077520001	11.2667	77.8667	Dug	Nallur1	NA	9.47	8.74	6.1
Namakkal	TIRUCHENGODU	W111631077482901	11.2753	77.8081	Dug	Patlur	NA	1.3	2.1	1.1
Namakkal	TIRUCHENGODU	W112300077543001	11.3833	77.9083	Dug	Thiruchengodu	NA	4.2	2.2	2.72
Namakkal	TIRUCHENGODU	H112430077243001	11.4083	77.4083	Bore	Tiruchengodu	NA	10.55	1.73	3.1
Namakkal	VANNANDURAI	W112603078080401	11.4342	78.1344	Dug	Gurusamipalayam	NA	12.37	1.85	6.08
Namakkal	VANNANDURAI	W113045078083001	11.5125	78.1417	Dug	Mohanur1	NA	1.31	0.38	0.5
Namakkal	VANNANDURAI	W113045078054501	11.5125	78.0958	Dug	Vennandur	NA	9.89	4.39	5.11
Nilgiris	COONOR	W112300076483001	11.3833	76.8083	Dug	Wellington	NA	1.15	0.82	1.09
Nilgiris	GUDALUR	W112959076291001	11.4997	76.4861	Bore	Gudalur	NA	4.3	2.58	8.75
Nilgiris	GUDALUR	W112815076244101	11.4708	76.4114	Dug	Nadugani	NA	8.3	5.62	6.72
Nilgiris	KOTHAGIRI	W112600076515001	11.4333	76.8639	Dug	Kothagiri	NA	15.85	16.25	16.05
Nilgiris	KOTHAGIRI	W112130076543001	11.3583	76.9083	Dug	Mullur	NA	2.41	1.27	2.53
Nilgiris	OOTACAMUND	W112800076364501	11.4667	76.6125	Dug	Pykara	NA	1.57	0.7	1.47
Nilgiris	OOTACAMUND	W112350076420001	11.3972	76.7	Dug	Udhagamandalam	NA	0.89	0.84	1.07
Nilgiris	PUNDALUR	W113045076163001	11.5125	76.275	Dug	Cherambadi	NA	2.35	2.25	2.94
Nilgiris	PUNDALUR	W112840076205001	11.4778	76.3472	Dug	Pandalur	NA	1.26	2.98	1.99
Perambalur	ALATHUR	W110805078463001	11.1347	78.775	Dug	Chettikulam DW	NA	4.16	1.95	2.8
Perambalur	ALATHUR	W110940078432001	11.1611	78.7222	Dug	Nakkaselam	NA	9.4	3.9	2.65
Perambalur	ALATHUR	W110546078493101	11.0961	78.8253	Bore	Padalur Pz	NA	2.3	NA	0.3
Perambalur	ANDIMADAM	W111400079185401	11.2333	79.315	Dug	Elaiyur	NA	4.07	0.4	1.7

Perambalur	PERAMBALUR	W111255078445001	11.2153	78.7472	Dug	Ammapalayam	NA	8.3	1.02	2.8
Perambalur	PERAMBALUR	W111426078580501	11.2406	78.9681	Dug	Chitali DW	NA	15.01	6.9	4.55
Perambalur	PERAMBALUR	W111617078504601	11.2714	78.8461	Dug	Essani dw	NA	3.87	0.87	2.25
Perambalur	PERAMBALUR	W111405078480501	11.2347	78.8014	Dug	Kurumbalur	NA	7.04	4	1.75
Perambalur	PERAMBALUR	W111403078532801	11.2342	78.8911	Bore	Perambalur1	NA	3.52	0.1	1.45
Perambalur	PERAMBALUR	W111400078523001	11.2333	78.875	Dug	Perambalur2	NA	4.81	2.25	2.6
Perambalur	PERAMBALUR	W111530078563001	11.2583	78.9417	Bore	Ranjankudi	NA	3.53	0.6	1.25
Perambalur	PERAMBALUR	W110931078560801	11.1586	78.9356	Dug	TherkuMathevi	NA	1.38	NA	0.4
Perambalur	PERAMBALUR	W111149078504601	11.1969	78.8461	Dug	Vijayagopalapuram dw	NA	3.88	0.93	1.95
Perambalur	T.PALUR	W110822079141601	11.1394	79.2378	Dug	Manahothi	NA	3.3	1.2	2.15
Perambalur	VEPPANTHATTAI	W112013078410701	11.3369	78.6853	Bore	Annukkur	NA	3.37	0.25	1.3
Perambalur	VEPPANTHATTAI	W112051078565601	11.3475	78.9489	Dug	Mangalamedu DW	NA	7.84	3.55	2.8
Perambalur	VEPPANTHATTAI	W112044078495401	11.3456	78.8317	Dug	Palaiyur	NA	4.84	1.2	0.95
Perambalur	VEPPANTHATTAI	W111830078550001	11.3083	78.9167	Dug	Valikandapuram	NA	6.13	3.14	3.3
Perambalur	VEPPUR	W111607079015201	11.2686	79.0311	Dug	Kallampudur	NA	2.72	0.85	0.4
Perambalur	VEPPUR	W111350079013001	11.2306	79.025	Dug	Kunnam	NA	4.83	0.7	1.4
Perambalur	VEPPUR	W112030079034501	11.3417	79.0625	Bore	Veppur1	NA	4.72	0.25	NA
Pondicherry	Pondicherry	W114800079470001	11.8	79.78333333	Dug	Kattukuppam	1.75	2.05	0.83	1.6
Pondicherry	Pondicherry	W115400079490001	11.9	79.81666667	Dug	M.N.Kuppam	5.05	5.64	3.33	2.85
Pondicherry	Pondicherry	W114757079462901	11.79916667	79.77472222	Tube	Manapattu EW	22.6	5.4	19.36	22.94
Pondicherry	Pondicherry	W114757079462902	11.79916667	79.77472222	Tube	Manapattu OW	5.25	19	3.02	3.77
Pondicherry	Pondicherry	W115532079441001	11.92555556	79.73611111	Tube	Mangalam1	19.53	20.97	21.03	21.72
Pondicherry	Pondicherry	W115332079441001	11.89222222	79.73611111	Tube	Mangalam2	19.95	21.8	22.33	20.15
Pondicherry	Pondicherry	W115332079441002	11.89222222	79.73611111	Tube	Mangalam3	22.1	27	24.64	21.98
Pondicherry	Pondicherry	W115332079441003	11.89222222	79.73611111	Tube	Mangalam4	26.13	20.8	22.85	20.04

Pondicherry	Pondicherry	W115332079441004	11.89222222	79.73611111	Tube	MangalamEW	20.25	20.2	20.25	17.42
Pondicherry	Pondicherry	W115443079492401	11.91194444	79.82333333	Dug	Pondicherry	3.74	3.71	2.3	2.49
Pondicherry	Pondicherry	W115300079460003	11.88333333	79.76666667	Dug	Reddichavadi	7.3	3.2	0.83	2.17
Pondicherry	Pondicherry	W115500079453002	11.91666667	79.75833333	Dug	Villianur	5	5.4	1.65	2.7
Pudukkottai	ANNAVASAL	W102709078421001	10.4525	78.7028	Dug	Annavasal	NA	NA	NA	4.9
Pudukkottai	ANNAVASAL	W102700078421001	10.45	78.7028	Bore	Annavasal pz	NA	7.12	0.78	4.4
Pudukkottai	ANNAVASAL	W102445078400001	10.4125	78.6667	Dug	Kudimianmalai 1	NA	1.7	0.45	NA
Pudukkottai	ARANTHANGI	W101000078594501	10.1667	78.9958	Dug	Arantangi	NA	3.06	1.36	2
Pudukkottai	ARANTHANGI	W101350078580401	10.2306	78.9678	Dug	Erachi	NA	4.68	0.6	2.6
Pudukkottai	ARANTHANGI	W100956079073001	10.1656	79.125	Dug	Nakkudi 1	NA	NA	0.5	0.65
Pudukkottai	AVUDAYARKOVIL	W100430079020101	10.075	79.0336	Dug	Avudaiyarkoil 1	NA	4.02	1.78	2.66
Pudukkottai	GANDARVAKOTTAI	W103425079010001	10.5736	79.0167	Dug	Gandharvakottai 1	NA	4.65	0.75	1.9
Pudukkottai	GANDARVAKOTTAI	W103300079030001	10.55	79.05	Dug	Pudupatti[east]	NA	6	0.95	4.21
Pudukkottai	KARAMBAKKUDI	W102549078584301	10.4303	78.9786	Dug	Sammattividuthi	NA	1.9	0.72	0.4
Pudukkottai	KUNNANDARKOVIL	W103420078473001	10.5722	78.7917	Dug	Keerannur	NA	3.94	1.29	2.04
Pudukkottai	KUNNANDARKOVIL	W103500078533001	10.5833	78.8917	Bore	Kunnandarkoil	NA	7.53	1.43	4.95
Pudukkottai	MANAMELKUDI	W100800079132901	10.1333	79.2247	Dug	Kattumavadi new	NA	0.54	NA	1.4
Pudukkottai	MANAMELKUDI	W100220079140001	10.0389	79.2333	Dug	Manamelkudi 1	NA	NA	1.38	3.25
Pudukkottai	MANAMELKUDI	W095600079083001	9.93333	79.1417	Dug	Mimisall	NA	1.6	0.25	1.05
Pudukkottai	PONNAMARAVATHI	W102049078370201	10.3469	78.6172	Dug	Vayapuri	NA	7.95	0.55	3.85
Pudukkottai	PUDUKOTTAI	W103150078580001	10.5306	78.9667	Dug	Adanakottai	NA	6.8	0.38	3.63
Pudukkottai	PUDUKOTTAI	W102840078550001	10.4778	78.9167	Dug	Mandangudi	NA	8.1	0.35	4.1
Pudukkottai	PUDUKOTTAI	W102310078481501	10.3861	78.8042	Bore	Pudukkottai	NA	5.07	0.14	1.51
Pudukkottai	PUDUKOTTAI	W102245078480001	10.3792	78.8	Dug	Pudukkottai 1	NA	5.41	0.66	2.56
Pudukkottai	PUDUKOTTAI	W102750078505501	10.4639	78.8486	Bore	Puttambur	NA	8.88	0.88	4.5

Pudukkottai	THIRUMAYAM	W101752078421101	10.2978	78.7031	Dug	Viracchilai	NA	4.22	1.12	2.65
Pudukkottai	TIRUMAYAM	W101845078410001	10.3125	78.6833	Bore	Panaiyapatti	NA	8.84	0.54	5.6
Pudukkottai	TIRUMAYAM	W101100078455001	10.1833	78.7639	Dug	Pilamangalam	NA	NA	NA	1.2
Pudukkottai	TIRUMAYAM	W101400078444501	10.2333	78.7458	Bore	Thirumayam1	NA	1.55	0.5	1.3
Pudukkottai	TIRUMAYAM	W101445078450001	10.2458	78.75	Dug	Thirumayam2	NA	3.5	1.1	0.8
Pudukkottai	TIRUVARANGULAM	W102131078590001	10.3586	78.9833	Dug	Alangudi new	NA	7.17	3.9	4.7
Pudukkottai	TIRUVARANGULAM	W102000078514501	10.3333	78.8625	Dug	Valathirakkotai	NA	3.95	3.11	1.84
Pudukkottai	VIRALIMALAI	W103630078463001	10.6083	78.775	Bore	Thondaimanallur	NA	5.05	NA	2.34
Pudukkottai	VIRALIMALAI	W103610078340001	10.6028	78.5667	Bore	Viralimalai1	NA	3.52	NA	2.35
Pudukkottai	VIRALIMALAI	W103630078330001	10.6083	78.55	Dug	Viralimalai2	NA	5.05	0.3	2.9
Ramanathapuram	KADALADI	W091300078430001	9.21667	78.7167	Dug	Ervadi	NA	2.36	0.1	0.95
Ramanathapuram	KADALADI	W091030078270001	9.175	78.45	Dug	Sayalkudi	NA	2.86	2.47	0.95
Ramanathapuram	KADALADI	W091430078304501	9.24167	78.5125	Dug	Sikkal	NA	2.95	1.03	1.45
Ramanathapuram	KAMUDI	W092430078223001	9.40833	78.375	Dug	Kamudhi1	NA	NA	7.2	9.35
Ramanathapuram	KAMUDI	W092400078234001	9.4	78.3944	Dug	PARTHIBANUR	NA	5.96	2.68	2.7
Ramanathapuram	MANDAPAM	W091700079100001	9.28333	79.1667	Dug	Mandapam	NA	3.13	1.32	0.8
Ramanathapuram	MANDAPAM	W091203079224601	9.20083	79.3794	Dug	Mukundarayar chatram(Dhanushkodi)	NA	3	2.53	1.8
Ramanathapuram	MANDAPAM	W091700079033001	9.28333	79.0583	Dug	Nadumanaikadu	NA	2.62	0.57	1.95
Ramanathapuram	MANDAPAM	W092000078571001	9.33333	78.9528	Dug	Perungulam	NA	2.85	0.18	1.25
Ramanathapuram	MANDAPAM	W091700079163001	9.28333	79.275	Dug	Rameswaram	NA	1.55	0.4	0.66
Ramanathapuram	MANDAPAM	W091703079000501	9.28417	79.0014	Dug	Thangachimadam	NA	3.55	1.4	2.2
Ramanathapuram	MANDAPAM	W091820079010001	9.30556	79.0167	Dug	Uchipulli	NA	2.14	0.48	NA
Ramanathapuram	MUDUKULATTUR	W092630078334001	9.44167	78.5611	Dug	Udaikulam	NA	7.8	4.95	NA
Ramanathapuram	NAIYINARKOVIL	W093245078414201	9.54583	78.695	Dug	Vaniya vallam (Nainarkoil}	NA	7.45	8.35	NA
Ramanathapuram	PARAMAKUDI	W092730078363001	9.45833	78.6083	Dug	Bogalur	NA	7.4	5.9	4.35

Ramanathapuram	PARAMAKUDI	W093230078321501	9.54167	78.5375	Dug	Paramakkudi	NA	10.87	9.5	5.8
Ramanathapuram	RAJASINGAMANGALAM	W093820078510001	9.63889	78.85	Dug	R.S.mangalam	NA	2.45	0.41	1.7
Ramanathapuram	RAJASINGAMANGALAM	W093530078520001	9.59167	78.8667	Dug	Solandur	NA	2.13	0.58	0.85
Ramanathapuram	RAJASINGAMANGALAM	W095000078470002	9.83333	78.7833	Dug	Thiruvegamputhur	NA	4.17	1.2	2.4
Ramanathapuram	RAMANATHAPURAM	W092208078501101	9.36889	78.8364	Dug	Ramanad dw	NA	NA	2.8	3.65
Ramanathapuram	TIRUCHCHULI	H092430078243001	9.40833	78.4083	Tube	Kamudhi	NA	19.56	14.9	9.26
Ramanathapuram	TIRUCHCHULI	H092100078210001	9.35	78.35	Dug	Peraiyur	NA	NA	2.32	2.4
Ramanathapuram	TIRUPULANI	W091400078470001	9.23333	78.7833	Dug	Kilkkarai	NA	5.5	1.25	3
Ramanathapuram	TIRUPULANI	W092200078470002	9.36667	78.7833	Dug	Ramanathapuram2	NA	4.1	1.11	1.5
Ramanathapuram	TIRUPULANI	W091830078444001	9.30833	78.7444	Dug	U.Kosamangai	NA	2.75	0.85	1.4
Ramanathapuram	TIRUVADANAI	W094600079010001	9.76667	79.0167	Dug	Thondi	NA	3.2	1.7	0.65
Ramanathapuram	TIRUVADANAI	W094600079010001	9.76667	79.0167	Dug	Tirupulani	NA	4.81	1.33	NA
Ramanathapuram	TIRUVADANAI	W094700078551501	9.78333	78.9208	Dug	Tiruvadana i	NA	2.55	0.95	0.59
Salem	ARCOT	W124840079235001	12.8111	79.3972	Dug	Mecheri	9.55	7.95	11.21	7.75
Salem	ATTUR	W113530078351001	11.5917	78.5861	Bore	Athur	8.89	4.26	3.81	7.32
Salem	ATTUR	W113600078363001	11.6	78.6083	Dug	Attur fire st.	5.75	5.53	5	3.52
Salem	ATTUR	W113230078293001	11.5417	78.4917	Dug	Karipatti dw	15.43	14.28	14.1	6.83
Salem	ATTUR	W113414077535601	11.5706	77.8989	Dug	Konganapuram dw	9.8	8.67	4.15	3.99
Salem	ATTUR	W113525078332101	11.5903	78.5558	Dug	Thandavarayapuram dw	17.5	12.9	12.45	3.49
Salem	AYODHYAPATTINAM	W114011078142001	11.6697	78.2389	Dug	Ayodhyapattinam	9.32	8.63	4.62	1.15
Salem	F	W112839077523101	11.4775	77.8753	Dug	Sankagiri (V.N.Palayam)	NA	NA	NA	2.03
Salem	GANGAVALLI	W112945078390001	11.4958	78.65	Dug	Gangavalli	3.67	4.4	4.25	2.29
Salem	GANGAVALLI	W112737078351501	11.4603	78.5875	Dug	Gudamali dw	6.32	6.15	5.55	4.75
Salem	GANGAVALLI	W112800078285701	11.4667	78.4825	Dug	P.Goundanpalyam	4.3	4.42	2.5	2.2
Salem	GANGAVALLI	W112615078300001	11.4375	78.5	Bore	Sendarpatti	1.03	2.11	1.94	0.82

Salem	GANGAVALLI	W112609078301501	11.4358	78.5042	Dug	Tammampatti dw	6.88	NA	NA	NA
Salem	IDAPPADI	W113839077493001	11.6442	77.825	Bore	Chittoor pz	51.46	NA	39.52	14.61
Salem	IDAPPADI	W113502077510002	11.5839	77.85	Dug	Idapadi new	1.53	2.55	0.55	1.03
Salem	KADAYAMPATTI	W115115078050001	11.8542	78.0833	Dug	Kadayampatti	5.52	6.48	6.19	3.16
Salem	KADAYAMPATTI	W115200078051501	11.8667	78.0875	Dug	Tivettipatti	8.76	8.92	NA	4.34
Salem	KOLATHUR	W115050077445001	11.8472	77.7472	Bore	Kulathur	20.07	20.85	14.57	16.87
Salem	KOLATHUR	W114832077472001	11.8089	77.7889	Dug	Masilapalayam dw	16.73	16.35	13.8	7.55
Salem	KOLATHUR	W114827077494701	11.8075	77.8297	Dug	Muttur (Karumalikoodal)dw	3.99	5.9	4.5	2.69
Salem	KONGANAPURAM	W113456077514001	11.5822	77.8611	Dug	Karumbapatti	NA	NA	NA	1.71
Salem	KONGANAPURAM	W113400077540001	11.5667	77.9	Bore	Konganapuram	4.66	5.38	2.25	2.38
Salem	KONGANAPURAM	W114450077555001	11.7472	77.9306	Bore	Samudram pz	54.58	40.63	15.91	6.22
Salem	MC DONALDS CHOULTRY	W113632078003901	11.6089	78.0108	Dug	Elampillai dw	2.37	3.25	2.25	1.61
Salem	NANGAVALLI	W114220077522001	11.7056	77.8722	Dug	Jalakandapuram	7.42	7.25	2.7	0.6
Salem	NANGAVALLI	W114530077534501	11.7583	77.8958	Bore	Nangavalli	8.53	8.98	7.03	6.64
Salem	OMALUR	H114445078444501	11.7458	78.7458	Dug	Omalur	4.56	4.59	3.05	2.96
Salem	PANAMARATHUPATTI	W113634078084301	11.6094	78.1453	Dug	Dhasanaickanpatty dw	7.29	7.85	4.85	2.92
Salem	PANAMARATHUPATTI	W113215078084501	11.5375	78.1458	Dug	Mallur1	5.85	6.5	4.35	3.04
Salem	PANAMARATHUPATTI	W113719078062201	11.6219	78.1061	Dug	Naikarapatty dw	3.93	3.8	1.75	1.7
Salem	PANAMARATHUPATTI	W113525078113501	11.5903	78.1931	Dug	Panamarathupatti2	14.46	13.3	12.55	7.01
Salem	PEDDHANAYAKKAM PALAYAM	W113844078305201	11.6456	78.5144	Dug	P.N.Palayam dw	8.57	5.09	3.9	2.66
Salem	PEDDHANAYAKKAM PALAYAM	W113850078304501	11.6472	78.5125	Bore	P.N.Palayam1	6.02	4.2	1.65	1.45
Salem	SALEM	W113132078030001	11.5256	78.05	Dug	Papparapatti (S)	NA	0.43	0.3	NA
Salem	SALEM	W113951078103801	11.6642	78.1772	Dug	Ponnammapet dw	NA	3.1	0.98	1.85
Salem	SALEM	W113821078073001	11.6392	78.125	Dug	S.K.Garden Nathimedi	3.43	4.41	1.82	2.86
Salem	SALEM	W114000078093001	11.6667	78.1583	Dug	Salem Bankhouse	4.47	5.47	2.94	5

Salem	SALEM	W113934078095901	11.6594	78.1664	Dug	Salem surviellance	2.65	4.35	3.9	2.25
Salem	SALEM	W113850078063301	11.6472	78.1092	Dug	Sivadapuram dw	0.1	0.27	NA	0.5
Salem	SANKARI	W113500077473001	11.5833	77.7917	Bore	Kullampatti	8.78	4.58	1.85	3.08
Salem	TALAIVASAAL	W113610078401001	11.6028	78.6694	Dug	Kattukottai dw	NA	3.08	2.84	1.22
Salem	TALAIVASAAL	W113735078470001	11.6264	78.7833	Dug	Puthur dw	8.23	10.1	8.37	3.7
Salem	TALAIVASAAL	W113500078453001	11.5833	78.7583	Dug	Thalaivasall	4.15	4.83	4.94	2.98
Salem	TALAIVASAAL	W113204078452101	11.5344	78.7558	Dug	Veppampoondi	16.53	27.25	26.6	1.05
Salem	TALAIVASAAL	W112830078441501	11.475	78.7375	Bore	Veraganur	9.8	9.21	9	6.03
Salem	TALAIVASAAL	W112831078441001	11.4753	78.7361	Dug	Veraganur dw	9.02	8.97	8.52	5.58
Salem	VALAPADI	W113845078244501	11.6458	78.4125	Dug	Valappadi	10.8	NA	NA	NA
Salem	VEERAPANDI	W113400078050301	11.5667	78.0842	Dug	Akkaraikadu	2.68	3.92	2	NA
Salem	VEERAPANDI	W113131078043002	11.5253	78.075	Dug	Attayampatti Ghss	12.13	13.75	NA	4.58
Salem	VEERAPANDI	W113131078043001	11.5253	78.075	Dug	Attayampatti S.Puram	0.05	0.3	10.4	6.43
Salem	VEERAPANDI	W113157078030601	11.5325	78.0517	Dug	Mamudi	6.78	4.63	0.9	1.55
Salem	VEERAPANDI	W113410078042001	11.5694	78.0722	Dug	Palampatti	8.78	8.6	5.05	5.41
Salem	VEERAPANDI	W113530078064101	11.5917	78.1114	Dug	Pincheyai Kodu	2.55	2.65	1.2	1.83
Salem	VEERAPANDI	W113630078063001	11.6083	78.1083	Dug	Pulaveri	8.93	10.15	5.75	4.51
Salem	VEERAPANDI	W113330078053001	11.5583	78.0917	Dug	Sevantampatti	2.68	3.3	1.05	2.35
Salem	VEERAPANDI	W113650078062301	11.6139	78.1064	Bore	Utamacholapuram deep pz	7.95	9.59	5.14	4.39
Salem	VEERAPANDI	W113910078045501	11.6528	78.0819	Dug	Vedukathampatty dw	6.68	3	1.45	0.88
Salem	VEERAPANDI	W113425078042201	11.5736	78.0728	Dug	Veerapandi dw	5.71	6.25	3.45	4.82
Salem	VENNANDUR	W113053078053001	11.5147	78.0917	Dug	Veenandur	9.88	14.63	5.95	3.58
Salem	YERCAUD	W114700078124001	11.7833	78.2111	Dug	Yercaud	1.03	1.22	0.19	1.81
Sivaganga	KALAIYARKOIL	W095400078310001	9.9	78.5167	Dug	Annanagar	NA	3.63	NA	1.79
Sivaganga	KALAIYARKOIL	W095030078372001	9.84167	78.6222	Dug	Kalayarkoil	NA	7.4	1.77	5.3



Sivaganga	KALLAL	W095700078400001	9.95	78.6667	Dug	Devakottai1	NA	7.85	2.45	4.68
Sivaganga	KALLAL	W095900078400002	9.98333	78.6667	Dug	Kallal1	NA	2.99	0.76	0.88
Sivaganga	MANAMADURAI	W094230078283001	9.70833	78.475	Bore	Manamadurai 1	NA	9.44	3.54	4.7
Sivaganga	MANAMADURAI	W094115078271001	9.6875	78.4528	Dug	Manamadurai2	NA	4.7	2.75	2.5
Sivaganga	SAKKOTTAI	W100945078464501	10.1625	78.7792	Dug	Chettinadu	NA	2.88	0.53	0.68
Sivaganga	SAKKOTTAI	W100448078464801	10.08	78.78	Dug	Nattarasankottai	NA	NA	NA	0.75
Sivaganga	SINGAMPUNARY	W101103078252503	10.1842	78.4236	Dug	Singapuneri	NA	9.3	3.17	6.4
Sivaganga	SIVAGANGAI	W095125078290001	9.85694	78.4833	Bore	Muthupettai	NA	9.4	5.67	5.5
Sivaganga	SIVAGANGAI	W095105078223001	9.85139	78.375	Bore	Padamathur	NA	6.9	5.79	2.9
Sivaganga	SIVAGANGAI	W095715078291001	9.95417	78.4861	Dug	Sivaganga 1	NA	11.58	0.63	5.6
Sivaganga	THIRUPATHUR	W100930078343002	10.1583	78.575	Tube	Tirupathur2	NA	NA	1.25	5.9
Sivaganga	TIRUPATTUR	W100630078320001	10.1083	78.5333	Dug	Manakudi	NA	3.84	NA	NA
Sivaganga	TIRUPATTUR	W100630078360001	10.1083	78.6	Dug	Thirupattur	NA	1.6	1.25	0.58
Sivaganga	TIRUPATTUR	W100930078343001	10.1583	78.575	Bore	Tirupathur1	NA	8.95	NA	4.6
Sivaganga	TIRUPATTUR	W100600078350001	10.1	78.5833	Bore	Tirupattur-EW	NA	9.86	3.95	NA
Thanjavur	AMMAPETTAI	W105200079170001	10.8667	79.2833	Dug	Thirukarukuvur	NA	1.15	0.65	2.07
Thanjavur	BUDALUR	W105115078570601	10.8542	78.9517	Dug	Puduchataram	NA	2.3	2.2	2.28
Thanjavur	BUDALUR	W104300078574401	10.7167	78.9622	Dug	Sanarpatti 1	NA	5.58	NA	NA
Thanjavur	BUDALUR	W104600078595001	10.7667	78.9972	Dug	T Budalur	NA	3.9	1.1	1.28
Thanjavur	BUDALUR	W104402078521601	10.7339	78.8711	Dug	Thiruvilapatti	NA	3.02	0.77	1.15
Thanjavur	KUMBAKONAM	W105830079233001	10.975	79.3917	Dug	Kumbakonam 1	NA	5.65	4.1	3.42
Thanjavur	MADUKKUR	W103251079253301	10.5475	79.4258	Dug	Aavikottai	NA	4.24	1.85	1.3
Thanjavur	ORATTANADU	W103900079104002	10.65	79.1778	Dug	Icchankottai 1	NA	4.2	1.95	3.9
Thanjavur	PAPANASAM	W105530079163001	10.925	79.275	Dug	Papanasam	NA	1.85	1.05	1.4
Thanjavur	PAPANASAM	W105115079123701	10.8542	79.2103	Dug	Pulavamatham	NA	0.7	0.78	1.13

Thanjavur	PATTUKKOTTAI	W102530079180001	10.425	79.3	Dug	Pattukottai1	NA	5.75	0.29	0.63
Thanjavur	THANJAVUR	W104254079122001	10.715	79.2056	Dug	Madigai	NA	0.6	0.63	0.56
Thanjavur	THANJAVUR	W104405079061501	10.7347	79.1042	Dug	Melvastrachavdi	NA	17.91	10.93	NA
Thanjavur	THANJAVUR	W104630079063001	10.775	79.1083	Dug	Thanjavur	NA	0.3	3.3	3.77
Thanjavur	THANJAVUR	W104306079034501	10.7183	79.0625	Dug	Vallam	NA	5.35	3.5	4.92
Thanjavur	THIRUVAIYARU	W105241079020801	10.8781	79.0356	Dug	Vaduvakudi	NA	2.15	1.7	1.94
Thanjavur	THIRUVIDAIMARUDUR	W110100079302001	11.0167	79.5056	Dug	Narsinganpettai	NA	2.55	1.15	1.99
Thanjavur	TIRUPPANDAL	W110730079271501	11.125	79.4542	Dug	Lower Anaicut	NA	2.3	1.95	2.43
Theni	ANDIPATTI	W095930077370001	9.99167	77.6167	Bore	Andipatti1	5	5.75	6.31	6.8
Theni	ANDIPATTI	W095945077374501	9.99583	77.6292	Dug	Andipatti2	8.04	8.84	9.61	6.85
Theni	ANDIPATTI	W095413077372401	9.90361	77.6233	Bore	Balakombai pz	32.3	34.22	31.35	31.8
Theni	ANDIPATTI	W095506077311801	9.91833	77.5217	Dug	Gandamanur dw	5.95	18.56	4.41	NA
Theni	ANDIPATTI	W095818077332302	9.97167	77.5564	Bore	M.Subbalapuram pz	NA	16.22	17.05	12.49
Theni	ANDIPATTI	W095745077341002	9.9625	77.5694	Bore	Okkaraipatti pz	22.83	28.08	22.3	22.76
Theni	ANDIPATTI	W100023077391702	10.0064	77.6547	Bore	T.Subbalapuram pz	12.85	11.93	14.7	8.75
Theni	BODINAICKANUR	W100556077341802	10.0989	77.5717	Dug	Bodinaickanur dw	NA	5.09	4.1	2.23
Theni	BODINAICKANUR	W095731077232802	9.95861	77.3911	Bore	Dumbacheri pz	6.85	7.48	6.55	4.4
Theni	BODINAICKANUR	W100015077170501	10.0042	77.2847	Bore	Theni1	NA	2.55	4.08	2.85
Theni	CHINNAMANUR	W095050077225702	9.84722	77.3825	Bore	Chinnamanur pz	5.53	5.44	1.78	4.15
Theni	CHINNAMANUR	W095621077180602	9.93917	77.3017	Bore	Ramakrishnapuram pz	28.45	28.97	28.17	26.8
Theni	CHINNAMANUR	W095425077194702	9.90694	77.3297	Bore	Sankarapuram pz	18.92	20.58	18.27	12.55
Theni	KAMBAM	W094430077170501	9.74167	77.2847	Dug	Cumbum	10.1	9.75	6.9	6.65
Theni	KAMBAM	W094342077164202	9.72833	77.2783	Bore	Cumbum pz	9.6	9.26	7.15	6.95
Theni	KAMBAM	W094200077180001	9.7	77.3	Dug	Gudalur2	12.85	11.25	11.7	10.83
Theni	KAMBAM	W094412077190102	9.73667	77.3169	Bore	Kamayagoundanpatti pz	19.25	20.83	14.46	10.1

Theni	KAMBAM	W094233077180201	9.70917	77.3006	Bore	Surelipatti pz	6.86	6.6	3.75	5.3
Theni	MAYILADUMPARAI	W095530077323001	9.925	77.5417	Bore	Erasakkanaayakanur	13.75	27.42	NA	4.15
Theni	MAYILADUMPARAI	W095506077311801	9.91833	77.5217	Dug	Gandamanur	5.95	NA	NA	2.05
Theni	MAYILADUMPARAI	W095512077305402	9.92	77.515	Bore	Gandamanur pz	3.45	NA	NA	NA
Theni	MAYILADUMPARAI	W094826077301102	9.80722	77.5031	Bore	Kadamalaikundu pz	NA	8.55	7.62	5.6
Theni	MAYILADUMPARAI	W100556077341803	10.0989	77.5717	Dug	Myladumparai dw	6.35	6.4	5.7	5.63
Theni	MAYILADUMPARAI	W094409077311301	9.73583	77.5203	Bore	Varusandu pz	12.63	13.12	13.37	12.35
Theni	PERIYAKULAM	W100545077411702	10.0958	77.6881	Bore	A.Vadipatti pz	NA	65.55	52.83	40.17
Theni	PERIYAKULAM	W100910077393001	10.1528	77.6583	Dug	Devadanapatti	4.3	5.5	5.55	2.3
Theni	PERIYAKULAM	W101001077414002	10.1669	77.6944	Bore	Ganguvarpatti pz	5.05	3.2	1.44	2.58
Theni	PERIYAKULAM	W100715077330001	10.1208	77.55	Dug	Periyakulam	7.1	NA	NA	5.6
Theni	PERIYAKULAM	W100754077330202	10.1317	77.5506	Dug	Periyakulam dw	7.1	6.11	6.3	NA
Theni	PERIYAKULAM	W095227077233401	9.87417	77.3928	Bore	Seelampatti PZ	4.73	4.95	1.15	1.92
Theni	PERIYAKULAM	W100711077373702	10.1197	77.6269	Bore	Silavarpatti pz	15.76	NA	NA	NA
Theni	PERIYAKULAM	W100556077341801	10.0989	77.5717	Dug	Vadugapatti dw	7.3	5.93	6.15	6.3
Theni	PERIYAKULAM	W100555077341702	10.0986	77.5714	Bore	Vadugapatti pz	NA	NA	NA	11.55
Theni	THENI	W095930077261001	9.99167	77.4361	Dug	Kodangipatti	0.52	2.55	NA	1.02
Theni	THENI	W095930077255002	9.99167	77.4306	Bore	Kodangipatti pz	1.9	2	0.85	0.65
Theni	THENI	W095819077293101	9.97194	77.4919	Bore	Koduvilarpatti pz	9.9	12.1	9.93	5.67
Theni	THENI	W095422077242101	9.90611	77.4058	Bore	Kottur Pz	4.5	3.8	3	3.68
Theni	THENI	W100140077283001	10.0278	77.475	Dug	Theni2	1.6	9.1	9.45	10.3
Theni	THENI	W095745077270001	9.9625	77.45	Dug	Veerapandi	4.8	5.4	4.9	4.28
Theni	THENI	W095738077264801	9.96056	77.4467	Bore	Veerapandi pz	5.62	6.59	4.57	4.86
Theni	UTTAMAPALAIYAM	W095039077175301	9.84417	77.2981	Bore	Kombai pz	NA	53.44	35.4	NA
Theni	UTTAMAPALAIYAM	W095459077175901	9.91639	77.2997	Bore	ThaminaickPatti pz	33.3	33.37	33.46	31.95

Theni	UTTAMAPALAIYAM	W095305077170501	9.88472	77.2847	Bore	Thevaram	25.55	28.28	21.4	14.7
Theni	UTTAMAPALAIYAM	W095022077204103	9.83944	77.3447	Bore	U Ammapatti pz	90.1	44.56	4.45	9.7
Theni	UTTAMAPALAIYAM	W094830077200001	9.80833	77.3333	Dug	Uttamapalayam	2.7	3.3	1.28	1.65
Thiruvannamalai	ANAKKAVUR	W123530079373001	12.5917	79.625	Dug	Melmakotturoad	4.72	4.47	1.37	NA
Thiruvannamalai	ARANI EAST	W122909078591701	12.4858	78.9881	Bore	Siruvallur	14.91	10.71	10.71	1.71
Thiruvannamalai	CHENGAM	W121530078394501	12.2583	78.6625	Dug	Anandavadi	8.7	8.35	6.9	2.76
Thiruvannamalai	CHENGAM	W121730078473001	12.2917	78.7917	Dug	Chengam2	NA	10.35	8.85	6.12
Thiruvannamalai	CHENGAM	W121230078423001	12.2083	78.7083	Bore	Melravandavadi	NA	6.6	NA	1
Thiruvannamalai	CHENGAM	W121600078563001	12.2667	78.9417	Dug	Pachal	7.9	9.2	5.35	0.45
Thiruvannamalai	CHETPET	W122740079213001	12.4611	79.3583	Dug	Chetpet1	3.5	2.3	2.5	0.75
Thiruvannamalai	CHETPET	W122510079121401	12.4194	79.2039	Bore	Padagam	5.6	4.32	2	1.2
Thiruvannamalai	CHETPUT	W122800079200001	12.4667	79.3333	Bore	Chetput	2.24	2.64	3.14	0.1
Thiruvannamalai	CHEYYAR	W123930079320001	12.6583	79.5333	Dug	Cheyyar2	3	2.7	0.9	0.92
Thiruvannamalai	F	W123008079133201	12.5022	79.2256	Dug	Modaiyur	NA	10.85	1.15	6.5
Thiruvannamalai	JAMANAMARUTHUR	W123540078532001	12.5944	78.8889	Dug	Jamunamarattur1	NA	11.99	11.38	NA
Thiruvannamalai	KALASAPAKKAM	W122638079032402	12.4439	79.0567	Bore	(Netchhat)NetchatramalaiK ovil	7	5.32	0.6	0.15
Thiruvannamalai	KALASAPAKKAM	W122530079084801	12.425	79.1467	Bore	Ladavaram	9.58	7.57	NA	0.42
Thiruvannamalai	KALASAPAKKAM	W122638079032401	12.4439	79.0567	Dug	Netchatramalai	7.34	7.12	1.42	2.18
Thiruvannamalai	MARAKKANAM	W121235079531601	12.2097	79.8878	Dug	Sathanur	7.5	13.6	2.9	2.05
Thiruvannamalai	MELMALAYANUR	H122100079210001	12.35	79.35	Dug	Arani	NA	4.03	1.28	0.97
Thiruvannamalai	PERNAMALLUR	W122610079250501	12.4361	79.4181	Bore	Eendal	6.3	6.74	5.1	1.16
Thiruvannamalai	POLUR	W123100079080001	12.5167	79.1333	Dug	Bagmarpet	NA	6.6	3.2	0.7
Thiruvannamalai	POLUR	W123931079065401	12.6586	79.115	Dug	Padaveedu	8.8	7.9	2.5	2.7
Thiruvannamalai	POLUR	W123100079310001	12.5167	79.5167	Dug	Polur	8.95	8.7	5.2	3.3
Thiruvannamalai	POLUR	W123034079084901	12.5094	79.1469	Dug	Venmani	4.37	2.47	1.27	1.4

Thiruvannamalai	PUDUPALAYAM	W122140078524501	12.3611	78.8792	Bore	Pudupalayam	13.5	10	5.1	1.88
Thiruvannamalai	TANDARAMPATTU	W120915078564501	12.1542	78.9458	Dug	Thandarampattu	10.65	8.45	7.55	4.65
Thiruvannamalai	TANDARAMPATTU	W120630078501501	12.1083	78.8375	Dug	Thanipadi	5.1	5.1	4.35	1.25
Thiruvannamalai	THIRUVANNAMALAI	W121330079040001	12.225	79.0667	Dug	Tiruvannamalai 1	5.3	5.5	3.2	NA
Thiruvannamalai	TIRUPATTUR	W100830078363001	10.1417	78.6083	Dug	Kappalur (T)	NA	7.3	NA	0.8
Thiruvannamalai	TURINJAPURAM	W123956079322601	12.6656	79.5406	Bore	Tiruvatripuram (Cheyyar)	NA	1.8	NA	NA
Thiruvannamalai	VANDAVASI	W124600079160001	12.7667	79.2667	Bore	Mullandram	8.1	4.75	6.1	0.35
Thiruvannamalai	VANDAVASI	W123000079380001	12.5	79.6333	Dug	Vandavasi2	4.8	4.6	4.6	1
Thiruvannamalai	WEST ARNI	W124325079073201	12.7236	79.1256	Bore	Kuppam	12.1	9.1	7.3	0.34
Tirunelveli	ALANGULAM	W085145077302001	8.8625	77.5056	Dug	Alangulam1	5.95	8.17	9.2	1.31
Tirunelveli	ALANGULAM	W084940077343001	8.82778	77.575	Bore	Charanmadevi	4.35	5.17	1.1	1.2
Tirunelveli	AMBASAMUDRAM	W084310077261001	8.71944	77.4361	Bore	Ambasamudram	2.59	3.23	1.05	1.09
Tirunelveli	AMBASAMUDRAM	W084200077262001	8.7	77.4389	Dug	Ambasamudram1	1.02	1.32	0.85	0.59
Tirunelveli	AMBASAMUDRAM	W084240077220501	8.71111	77.3681	Dug	Papanasam1	5.9	7.06	1.85	1.95
Tirunelveli	CHERANMADEVI	W083940077373001	8.66111	77.625	Dug	Vannikonendal	10.66	12.25	15.05	4.25
Tirunelveli	KADAYAM	W084730077260001	8.79167	77.4333	Dug	Alwarkurichi	3.68	3.81	1	1.1
Tirunelveli	KADAYAM	W085000077243001	8.83333	77.4083	Bore	Kadayam	4.96	5.4	2.54	2.8
Tirunelveli	KADAYANALLUR	W090400077204501	9.06667	77.3458	Bore	Kadayanallur	5.12	7.34	5.19	1.74
Tirunelveli	KADAYANALLUR	W090500077210001	9.08333	77.35	Dug	Kadayanallur1	5.4	7.87	5.8	2.04
Tirunelveli	KALAKADU	W082850077355501	8.48056	77.5986	Bore	Kalakadu	7.95	11.62	8.3	4.69
Tirunelveli	KALAKADU	W083045077323001	8.5125	77.5417	Dug	Kalakkadu	2.97	3.38	2.6	2.39
Tirunelveli	KALAKADU	W083442077333701	8.57833	77.5603	Dug	Poothatan Kudieruppu dw	8.37	10.4	0.13	1.96
Tirunelveli	KILPAVUR	W085400077283001	8.9	77.475	Bore	Alankulam	7.84	12.59	13.92	5.25
Tirunelveli	KILPAVUR	W085500077230001	8.91667	77.3833	Bore	Kilpaur	13.99	16.69	13.35	6.94
Tirunelveli	KILPAVUR	W085532077211501	8.92556	77.3542	Dug	R.Pattinam	4.72	5.79	2.04	0.95

Tirunelveli	KILPAVUR	W085237077204501	8.87694	77.3458	Dug	Thiruviyarnagar	3.37	4.71	3.65	2.8
Tirunelveli	KURUVIKULAM	W091430077480501	9.24167	77.8014	Dug	Naduvapatty	5.24	6.15	9.13	2
Tirunelveli	MANUR	W084545077382501	8.7625	77.6403	Dug	Abishekapatti	3.89	4.95	1.73	1.82
Tirunelveli	MANUR	W085145077391001	8.8625	77.6528	Dug	Manur1	1.38	1.48	0.55	0.18
Tirunelveli	MANUR	W084425077395601	8.74028	77.6656	Dug	Merjara Pallivasal	NA	NA	NA	1.04
Tirunelveli	MANUR	W084341077411801	8.72806	77.6883	Dug	Nelliappar temple	NA	NA	NA	2.04
Tirunelveli	MANUR	W084356077424701	8.73222	77.7131	Dug	Syed Beedi Company	1.55	1.95	0.5	2.02
Tirunelveli	MANUR	W084445077420001	8.74583	77.7	Dug	Tachchnallur	3.94	4.95	1.15	1.93
Tirunelveli	MELANEELITHANALLUR	W090706077364501	9.11833	77.6125	Dug	P.chatram	5.51	7.11	7	1.95
Tirunelveli	NANGUNERI	W083500077425501	8.58333	77.7153	Bore	Marudakulam	4.88	6.6	4.25	2.25
Tirunelveli	NANGUNERI	W083500077425501	8.58333	77.7153	Bore	Maruthakulam	NA	NA	NA	NA
Tirunelveli	NANGUNERI	W083200077473001	8.53333	77.7917	Bore	N. Vijayanarayanam	1.36	4.1	0.95	0.86
Tirunelveli	NANGUNERI	W082930077421501	8.49167	77.7042	Bore	Nanguneri1	1.94	1.62	NA	0.82
Tirunelveli	PALAYAMKOTTAI	W084108077433701	8.68556	77.7269	Dug	Govt.Eng College	3.29	3.34	1.79	1.65
Tirunelveli	PALAYAMKOTTAI	W084128077441801	8.69111	77.7383	Dug	Ngo A Colony dw	5.85	5.74	4.75	1.78
Tirunelveli	PALAYAMKOTTAI	W084400077440001	8.73333	77.7333	Dug	Palayamkottai	2.7	6.09	1.4	2.05
Tirunelveli	PALAYAMKOTTAI	W084000077405001	8.66667	77.6806	Tube	Taruvai	NA	NA	NA	0.23
Tirunelveli	PALAYAMKOTTAI	W084220077432001	8.70556	77.7222	Bore	Tirunelveli1	2.58	2.6	1.22	1.34
Tirunelveli	PAPPAKUDI	W083200077275501	8.53333	77.4653	Dug	Idaikkal	2.05	3.62	0.65	0.92
Tirunelveli	PAPPAKUDI	W084405077311501	8.73472	77.5208	Bore	Mukkudal	1.59	2.05	1.43	1.16
Tirunelveli	RADHAPURAM	W081600077410501	8.26667	77.6847	Dug	Radhapuram1	12.28	13.75	1.6	0.62
Tirunelveli	RADHAPURAM	W081515077453001	8.25417	77.7583	Bore	Tiruvembalapuram	10.54	11.14	8.32	1.09
Tirunelveli	RADHAPURAM	W081712077533801	8.28667	77.8939	Dug	Uvari	7.76	8.12	7.87	7.18
Tirunelveli	RADHAPURAM	W082120077393001	8.35556	77.6583	Dug	Valliyoor	5.3	6.65	3.3	2.73
Tirunelveli	SANKARANKOIL	W091230077333001	9.20833	77.5583	Bore	Sankarankoil1	4.67	7.64	7.72	1.67

Tirunelveli	SANKARANKOIL	W091230077333002	9.20833	77.5583	Dug	Sankarankoil2	4.46	7.98	7.58	1.3
Tirunelveli	SHENCOTTAI	W085820077151001	8.97222	77.2528	Dug	Sencottai	4.61	4.99	2.35	3.24
Tirunelveli	SRIVILLIPUTTUR	W092955077420001	9.49861	77.7	Dug	Mullikulam	5.8	8.43	5.53	3.72
Tirunelveli	TENKASI	W090100077151001	9.01667	77.2528	Bore	Panpoli	11.2	10.92	8.67	6.58
Tirunelveli	TENKASI	W090154077161801	9.03167	77.2717	Bore	TenkasiPZ	2.3	3.73	1.15	1.4
Tirunelveli	VALLIYOOR	W081900077344502	8.31667	77.5792	Bore	Molaikkaraipatti	2.57	5.94	3.95	0.72
Tirunelveli	VALLIYUR	W081000077370001	8.16667	77.6167	Bore	Chettikulam	12.48	12.58	12.13	10.05
Tirunelveli	VALLIYUR	W081900077344501	8.31667	77.5792	Dug	Nanguneri2	3.6	4.59	2.35	1.07
Tirunelveli	VALLIYUR	W082310077370001	8.38611	77.6167	Bore	Valliyur	2.78	3.55	1.71	1
Tirunelveli	VASUDEVANALLUR	W091000077240001	9.16667	77.4	Dug	Chintamani	1.3	2.42	1.7	1
Tirunelveli	VASUDEVANALLUR	W092025077254001	9.34028	77.4278	Dug	Sivagiri	3.25	4.52	4.46	2.57
Tirunelveli	VASUDEVANALLUR	W091430077243001	9.24167	77.4083	Bore	Vasudevanallur1	7.29	8.34	8.29	4.95
Tirunelveli	VASUDEVANALLUR	W091430077243002	9.24167	77.4083	Dug	Vasudevanallur2	2.86	5.95	3.11	1.64
Tiruppur	AVINASHI	W111105077163001	11.1847	77.275	Dug	Avinashi1	NA	13.78	7	6.2
Tiruppur	AVINASHI	W111445077124501	11.2458	77.2125	Dug	Karamadai	NA	2.2	1.8	1.57
Tiruppur	AVINASHI	W111722077100901	11.2894	77.1692	Bore	KaravallurPZ	NA	22.22	9.4	9.98
Tiruppur	AVINASHI	W111745077075501	11.2958	77.1319	Dug	Pongalur1	NA	11.03	4.3	2.2
Tiruppur	GUDIMANGALAM	W104530077161501	10.7583	77.2708	Dug	Periyapatti	NA	8.55	5.9	5.28
Tiruppur	MADATHUKULAM	W103630077230001	10.6083	77.3833	Dug	Kaniyur	NA	3.03	0.92	0.9
Tiruppur	MADATHUKULAM	W103725077223001	10.6236	77.375	Bore	Karattoluvu	NA	1.57	0.67	1
Tiruppur	MADATHUKULAM	W102930077210001	10.4917	77.35	Dug	Kumaralingam	NA	1.75	0.4	0.95
Tiruppur	MADATHUKULAM	W102900077220001	10.4833	77.3667	Bore	Kumaralingam1	NA	1.68	0.3	1.08
Tiruppur	P.N.PALAYAM	W110118077000901	11.0217	77.0025	Bore	P.S.G. college	NA	10.78	8.8	8.1
Tiruppur	PALLADAM	W105945077164001	10.9958	77.2778	Dug	Palladam	NA	13.8	12.5	10.4
Tiruppur	PALLADAM	W105930077165001	10.9917	77.2806	Bore	Palladam2	NA	9	8.45	7.58

Tiruppur	PONGALUR	W105455077154001	10.9153	77.2611	Bore	Kettanur	NA	5.25	2.27	1.58
Tiruppur	PONGALUR	W110500077264501	11.0833	77.4458	Dug	Nachipalayam	NA	5.27	0.6	3.91
Tiruppur	PONGALUR	W110450077271001	11.0806	77.4528	Bore	Nachipalayam1	NA	5.12	3.95	3.85
Tiruppur	THIRUPPUR	W110709077202401	11.1192	77.34	Dug	P.N.Road	NA	5.3	2.6	2.51
Tiruppur	TIRUPUR	W110628077221301	11.1078	77.3703	Dug	Amarjothinagar	NA	NA	NA	1.1
Tiruppur	TIRUPUR	W110642077200301	11.1117	77.3342	Dug	Odakadu	NA	NA	5.39	4.68
Tiruppur	TIRUPUR	W110408077210701	11.0689	77.3519	Bore	Palavanchipalayam pz	NA	7.43	NA	0.4
Tiruppur	TIRUPUR	W110411077230401	11.0697	77.3844	Bore	Rengagoundanpalayam pz	NA	5.4	1.89	1.72
Tiruppur	TIRUPUR	W110731077244801	11.1253	77.4133	Dug	Tiruppur Agraharam	NA	5.85	2.95	3.55
Tiruppur	TIRUPUR	W110605077211501	11.1014	77.3542	Dug	Tiruppur1	NA	7.54	5.14	5.87
Tiruppur	TIRUPUR	W110550077211001	11.0972	77.3528	Bore	Tirupur	NA	7.46	4.86	5.53
Tiruppur	TIRUPUR	W110523077240301	11.0897	77.4008	Bore	Vijayapuram pz	NA	9.09	4.13	NA
Tiruppur	TIRUPUR	W110517077203501	11.0881	77.3431	Dug	Weekly Market	NA	3.4	3.25	2.07
Tiruppur	TUKKANAYAKKANPAL AYAM	W110656077230901	11.1156	77.3858	Dug	Kasipalayam (T)	NA	7.18	2.7	3.75
Tiruppur	UDUMALPET	W103500077145001	10.5833	77.2472	Dug	Udumalpet1	NA	2.2	0.45	1.3
Tiruppur	UTHUKULI	W110729077275201	11.1247	77.4644	Dug	Arugampalayam	NA	3.4	2.1	1.46
Tiruvallur	CHOLAVARAM	W131215080070101	13.2042	80.1169	Dug	Alamadhi	3.77	1.7	0.8	1.23
Tiruvallur	CHOLAVARAM	W130659080075101	13.1164	80.1308	Dug	Annur Shankarnagar	7.42	6.02	0.75	1.27
Tiruvallur	CHOLAVARAM	W132245080173201	13.37916667	80.29222222	Dug	Kadapakkam dw	2.62	3	1.37	NA
Tiruvallur	CHOLAVARAM	W131215080104501	13.2042	80.1792	Dug	Padiyanallur	5.85	2.83	0.7	1.25
Tiruvallur	CHOLAVARAM	W131126080110901	13.1906	80.1858	Dug	Redhills	3.75	3.45	1.75	2.04
Tiruvallur	CHOLAVARAM	W131315080100401	13.2208	80.1678	Dug	Sholavaram	NA	NA	0.65	NA
Tiruvallur	CHOLAVARAM	W131257080075501	13.2158	80.1319	Dug	Veeraraghapuram	2.24	1.84	0.44	1.11
Tiruvallur	ELLAPURAM	W112457080074801	11.41583333	80.13	Dug	Palavakkam (T)	NA	1.8	1.86	0.17
Tiruvallur	ELLAPURAM	W131845080030001	13.3125	80.05	Dug	Periyapalyam	NA	5.76	1.86	2.9



Tiruvallur	F	W131045080035201	13.1792	80.0644	Dug	Kathavur	6	5.5	0.43	2.21
Tiruvallur	F	W130153080022001	13.0314	80.0389	Dug	Pappanchatram	4.92	1.5	1	0.85
Tiruvallur	GUMMUDIPUNDI	W132753080064301	13.4647	80.1119	Dug	Elavur dw	4.7	4.9	1.95	NA
Tiruvallur	GUMMUDIPUNDI	W132400080080001	13.4	80.1333	Dug	Gummidipoondi	5.78	5.6	3.86	3.8
Tiruvallur	KADAMBATTUR	W130345079514501	13.0625	79.8625	Dug	Andersonpet	2.7	2.55	0.55	1.05
Tiruvallur	KADAMBATTUR	W130400079580001	13.0667	79.9667	Dug	Mettukandigai	NA	5.81	NA	4.21
Tiruvallur	MINJUR	W131545080172501	13.2625	80.2903	Dug	Attipattu	1.8	0.9	NA	0.02
Tiruvallur	MINJUR	W131205080090901	13.2014	80.1525	Dug	Ennur Talaikuppam	3.56	3.08	2.11	3.24
Tiruvallur	MINJUR	W131613080154701	13.2703	80.2631	Dug	Minjur dw	3.13	1.05	0.55	1.34
Tiruvallur	MINJUR	W131600080164503	13.2667	80.2792	Dug	Nandiambakkam	2.1	1.1	NA	0.59
Tiruvallur	MINJUR	W132031080112101	13.3419	80.1892	Dug	Ponneri dw	6.13	5.7	3.35	4.31
Tiruvallur	MINJUR	W131932080173201	13.3256	80.2922	Dug	Sangaibedu	2.68	4.85	0.46	NA
Tiruvallur	MINJUR	W132408080145501	13.4022	80.2486	Dug	Thirupalaivanam dw	1.2	1.1	0.62	NA
Tiruvallur	MINJUR	W131955080164501	13.3319	80.2792	Dug	Thiruvellavoyal dw	3.07	5.4	0.4	NA
Tiruvallur	MINJUR	W131833080163001	13.3092	80.275	Dug	Voyalur dw	3.8	5.5	1.1	NA
Tiruvallur	PONNAMALLEE	W130716080034201	13.1211	80.0617	Dug	Pattabiram periurban	10.9	9.3	0.55	NA
Tiruvallur	PONNAMALLEE	W130324080045501	13.0567	80.0819	Dug	Poonamallee periurban	4.995	3.865	0.485	NA
Tiruvallur	PONNAMALLEE	W130345080034501	13.0625	80.0625	Dug	Tirumazhisai	5.35	5.35	3.79	1.83
Tiruvallur	POONAMALLEE	W130145080044803	13.0292	80.08	Dug	Mepperu	2.77	2.05	NA	0.8
Tiruvallur	POONAMALLEE	W130716080034201	13.1211	80.0617	Dug	Pattabiram	NA	NA	NA	0.82
Tiruvallur	POONDI	W130915079494501	13.1542	79.8292	Dug	Pattarperumpudr	NA	2.38	NA	0.5
Tiruvallur	PUZHAL	W130812080101001	13.1367	80.1694	Dug	Kallikuppam	9.83	1.2	0.65	1.7
Tiruvallur	PUZHAL	W130900080120001	13.15	80.2	Dug	Pulal New	4.06	0.94	1.85	NA
Tiruvallur	TIRUTHANI	W131123079345901	13.1897	79.5831	Bore	Agoor	5.95	3.76	NA	1.97
Tiruvallur	TIRUTHANI	W131022079364601	13.1728	79.6128	Bore	Madam	NA	NA	NA	2.84

Tiruvallur	TIRUTTANI	W131022079364601	13.1728	79.6128	Bore	Madam(D)	NA	2.1	1.14	NA
Tiruvallur	TIRUTTANI	W131030079363001	13.175	79.6083	Bore	Poonimangadu	1.87	3.47	0.3	2.85
Tiruvallur	TIRUTTANI	W131115079363001	13.1875	79.6083	Dug	Tiruttani	3.35	1.65	0.3	1.9
Tiruvallur	TIRUTTANI	W130830079323001	13.1417	79.5417	Bore	Tiruttani 1	4.18	2.94	0.93	4.18
Tiruvallur	TIRUVALANGADU	W131230079450001	13.2083	79.75	Dug	Kanakammachatrm	4.4	2.6	0.58	1.1
Tiruvallur	TIRUVALANGADU	W130730079460001	13.125	79.7667	Dug	Tiruvallangadu	7.51	6.23	NA	1.63
Tiruvallur	TIRUVALLUR	W130737080005201	13.1269	80.0144	Dug	Thiruniravur periurban	1.7	NA	NA	0.22
Tiruvallur	TIRUVALLUR	W130830079083001	13.14166667	79.14166667	Dug	Tiruvallur	6.8	6.3	3.55	3.57
Tiruvallur	VILLIVAKKAM	W130713080082401	13.1203	80.14	Dug	Chozambedu	3.52	6.1	0.83	NA
Tiruvallur	VILLIVAKKAM	W130834080054901	13.1428	80.0969	Dug	Kovilpathagai	4.94	2.2	0.75	1.34
Tiruvallur	VILLIVAKKAM	W130400080081501	13.0667	80.1375	Dug	Perumalnagaram	6.25	NA	0.87	NA
Tiruvallur	VILLIVAKKAM	W130956080070401	13.1656	80.1178	Dug	Veerapuram	9.75	7.45	2.45	3.42
Tiruvallur	VILLIVAKKAM	W130956080070402	13.1656	80.1178	Dug	Vellanur	4.83	3.55	0.35	0.14
Tiruvarur	KORADACHERI	W104445079281501	10.7458	79.4708	Dug	Needamangalam	NA	3.45	1.3	3.11
Tiruvarur	KUDAVASAL	W105738079342401	10.9606	79.5733	Dug	Peralam	NA	2	1.3	1.53
Tiruvarur	MANNARGUDI	W103700079244501	10.6167	79.4125	Dug	Allankottai	NA	0.85	0.5	0.56
Tiruvarur	MANNARGUDI	W104100079280001	10.6833	79.4667	Dug	Mannargudi	NA	3.7	0.5	1.54
Tiruvarur	MUTTUPET	W102215079353001	10.3708	79.5917	Dug	Thillaivilagam	NA	3.1	1.1	0.67
Tiruvarur	NANNILAM	W105315079360001	10.8875	79.6	Dug	Nannilam	NA	2.85	1.63	2.25
Tiruvarur	TIRUVARUR	W104315079383001	10.7208	79.6417	Dug	Pangal	NA	4.45	1.65	1.03
Trichy	ANDANALLUR	W105045078445501	10.8458	78.7486	Dug	Samayapuram	NA	3.44	2.23	2.65
Trichy	ANDANALLUR	W105115078423001	10.8542	78.7083	Bore	Thiruchirapalli	NA	1.79	0.78	1.7
Trichy	ANDANALLUR	W105326078315401	10.8906	78.5317	Dug	Tiruvasi	NA	3.23	0.45	0.95
Trichy	LALGUDI	W105237078475201	10.8769	78.7978	Dug	Angarai	NA	2.38	1.48	2.12
Trichy	LALGUDI	W105630078544501	10.9417	78.9125	Dug	Pullambadi 1	NA	4.43	2.8	1.95

Trichy	MANACHANALLUR	A105906078455601	10.985	78.7656	Bore	Manachanallur	NA	1.6	0.4	1.46
Trichy	MANACHANALLUR	W105912078391501	10.9867	78.6542	Dug	Peramangalam	NA	10.28	6.67	3.08
Trichy	MANACHANALLUR	W110100078381501	11.0167	78.6375	Dug	Pulivalam	NA	5.4	2.08	1.88
Trichy	MANACHANALLUR	W110005078433001	11.0014	78.725	Dug	Siruganur	NA	8.5	3.8	0.5
Trichy	MANACHANALLUR	W105405078361401	10.9014	78.6039	Dug	Sirukambur	NA	3.3	1.42	2.35
Trichy	MANACHANALLUR	W105725078400301	10.9569	78.6675	Dug	Thiruvallarai	NA	8	4.73	6.11
Trichy	MANACHANALLUR	W105445078432401	10.9125	78.7233	Dug	Vengakudi	NA	0.6	1.1	NA
Trichy	MANACHANALLUR	W105445078432401	10.9125	78.7233	Dug	Vengankudi	NA	NA	NA	0.5
Trichy	MANAPARAI	W102727078224201	10.4575	78.3783	Dug	Chinnagowdanpatti	NA	9.84	6.75	3.94
Trichy	MANAPARAI	W103652078253101	10.6144	78.4253	Dug	Manaparai	NA	2.6	0.09	0.38
Trichy	MANAPARAI	W103653078253201	10.6147	78.4256	Dug	Manaparai II	NA	7.6	1.95	2.83
Trichy	MANAPARAI	W103652078253102	10.6144	78.4253	Bore	Manaparai pz	NA	2.77	NA	0.84
Trichy	MANAPARAI	W102311078214401	10.3864	78.3622	Dug	Manjampatti	NA	12.53	12	NA
Trichy	MANAPARAI	W103817078264801	10.6381	78.4467	Dug	Muthupandiyanpatti	NA	14.71	11.1	2.81
Trichy	MANIKANDAN	W104430078350001	10.7417	78.5833	Dug	Chattirapatti	NA	4.1	1	1.06
Trichy	MANIKANDAN	W104730078424502	10.7917	78.7125	Dug	Tiruchchirappalli 1	NA	2.85	1.33	2.54
Trichy	MARUNGAPURI	W103300078180002	10.55	78.3	Dug	Kovilpatty	NA	6.54	0.8	1.9
Trichy	MARUNGAPURI	W102130078222001	10.3583	78.3722	Dug	Tuvarankuruchi	NA	8.51	5.5	6.32
Trichy	MULANUR	W105222077455301	10.8728	77.7647	Dug	Valadi	NA	6.68	4.32	2.78
Trichy	MUSIRI	W105730078270001	10.9583	78.45	Dug	Musiri2	NA	2.85	0.45	1.46
Trichy	MUSIRI	W105945078315003	10.9958	78.5306	Dug	Thandalaipudur	NA	18.56	NA	NA
Trichy	PULLAMPADI	W110245078573001	11.0458	78.9583	Bore	Pullambadi	NA	1.7	NA	0.44
Trichy	TATTAIYANGARPET	W110715078271501	11.1208	78.4542	Dug	Thathayangarpet	NA	22.06	20.64	11.75
Trichy	TATTAIYANGARPET	W110150078255801	11.0306	78.4328	Dug	Tumbalam	NA	10.89	1.37	2.98
Trichy	THIRUVERAMPUR	W104817078443801	10.8047	78.7439	Dug	Kattur	NA	0.26	0.3	0.2

Trichy	THIRUVERAMPUR	W105209078412601	10.8692	78.6906	Dug	Kollidam Karai	NA	5.4	3.38	4.54
Trichy	THIRUVERAMPUR	W104535078405601	10.7597	78.6822	Dug	Lic Colony Kk Nagar	NA	2.1	0.65	1.1
Trichy	THIRUVERAMPUR	W104801078414801	10.8003	78.6967	Dug	Mudaliarchatram	NA	4.15	1	1.6
Trichy	THIRUVERAMPUR	W105012078415701	10.8367	78.6992	Dug	Oodathurai Odakarai	NA	5.3	4.65	4.94
Trichy	THIRUVERAMPUR	W104853078404601	10.8147	78.6794	Dug	Puttur-Thennur	NA	5.98	1.96	3.67
Trichy	THIRUVERAMPUR	W104442078424201	10.745	78.7117	Dug	Sembattu	NA	2.3	0.5	1.38
Trichy	THIRUVERAMPUR	W105121078411201	10.8558	78.6867	Dug	Srirangam	NA	2.55	2.4	2.76
Trichy	THIRUVERAMPUR	W104500078493001	10.75	78.825	Dug	Thuvakkudi	NA	2.63	1	1.15
Trichy	THIRUVERAMPUR	W105110078422301	10.8528	78.7064	Dug	Tiruvanaikovil	NA	2.25	1.85	2.64
Trichy	THURAIYUR	W110420078330001	11.0722	78.55	Dug	Kannanurpalayam	NA	17.04	6.55	4.17
Trichy	THURAIYUR	W111239078330001	11.2108	78.55	Dug	Ookaeri	NA	14.8	4.85	4.58
Trichy	THURAIYUR	W110900078360001	11.15	78.6	Dug	Thuraiyur	NA	10.52	NA	2.6
Trichy	THURAIYUR	W110840078360001	11.1444	78.6	Bore	Thurayur1	NA	8.02	4.2	4.23
Trichy	TOTTIYAM	W105930078194501	10.9917	78.3292	Dug	Thottiyam	NA	9.75	4.32	5.12
Trichy	TOTTIYAM	W105930078200701	10.9917	78.3353	Bore	Tottiyam	NA	9.63	4.46	4.6
Trichy	UPPILYAPURAM	W111803078295001	11.3008	78.4972	Dug	Koppampatti	NA	15.5	10.5	6.19
Trichy	UPPILYAPURAM	W111544078310001	11.2622	78.5167	Dug	Uppiliyapuram	NA	11.73	9	5.29
Trichy	VAIYAMPATTI	W103300078180001	10.55	78.3	Dug	Vaiyampatty	NA	4.3	0.88	2.69
Tuticorin	ALVARTHIRUNAGARI	W082945077500001	8.49583	77.8333	Dug	Saidunganallur	4.11	4.95	1.4	1.9
Tuticorin	KARUNKULAM	W084404077551001	8.73444	77.9194	Dug	Devachayalpuram	3.92	5.05	0.75	1.87
Tuticorin	KARUNKULAM	W085000077534501	8.83333	77.8958	Dug	Maniyachi1	4.2	10.55	1.4	0.93
Tuticorin	KARUNKULAM	W083630077510001	8.60833	77.85	Bore	Thailapuram	4.19	4.91	0.55	1.05
Tuticorin	KAYATTAR	W090835077461901	9.14306	77.7719	Dug	Kallurani dw	5.61	7.59	7.1	4.2
Tuticorin	KAYATTAR	W090855077430001	9.14861	77.7167	Bore	Kalugumalai	6.49	7.61	8.58	3.83
Tuticorin	KAYATTAR	W090840077422001	9.14444	77.7056	Dug	Kalungumalai	3.16	8.76	4.36	2.62

Tuticorin	KAYATTAR	W085640077463001	8.94444	77.775	Dug	Kayattar	4.13	5.22	1.7	1.87
Tuticorin	KAYATTAR	W090330077510001	9.05833	77.85	Bore	Villiseri	4.94	7.3	2.5	2.13
Tuticorin	KOVILPATTI	W091304077590001	9.21778	77.9833	Bore	Ettayapuram	1.39	1.77	0.92	0.67
Tuticorin	KOVILPATTI	W090930077503001	9.15833	77.8417	Bore	Nallattinputhur	1.55	2.79	2.59	1.8
Tuticorin	OTTAPIDARAM	W090145078024501	9.02917	78.0458	Dug	Eppodumvendram	2.1	3.37	1.65	0.9
Tuticorin	OTTAPIDARAM	W085550078053001	8.93056	78.0917	Dug	Kurukkuchalai	4.85	5.4	4.2	2.36
Tuticorin	OTTAPIDARAM	W085200077540001	8.86667	77.9	Bore	Maniyachi	2.21	3.35	1.84	1
Tuticorin	OTTAPIDARAM	W085404078013201	8.90111	78.0256	Dug	Muppilipatti dw	2.41	3.67	NA	0.13
Tuticorin	PUDUR	W091400078075001	9.23333	78.1306	Dug	Nagalapuram	2.44	3.8	2.05	1
Tuticorin	PUDUR	W091849078081001	9.31361	78.1361	Bore	Pudur	5.37	3	8	3.1
Tuticorin	PUDUR	W091930078045501	9.325	78.0819	Dug	Vembur	5.53	6.38	6.05	3.08
Tuticorin	RISHIVANDIYAM	W085950077514201	8.99722	77.8617	Bore	Kadambur pz (T)	6.8	7.25	3.75	4.07
Tuticorin	SATTANKULAM	W082615077582501	8.4375	77.9736	Dug	Nazareth	2.47	4.95	1	1.9
Tuticorin	SATTANKULAM	W083105077512001	8.51806	77.8556	Bore	Paikulam	4.33	6.46	4.62	1.66
Tuticorin	SATTANKULAM	W082600077541001	8.43333	77.9028	Bore	Satankulam	4.23	7.17	3.04	1.74
Tuticorin	SATTANKULAM	W082640077540001	8.44444	77.9	Dug	Sathankulam-n	5.66	7.74	6.44	2.3
Tuticorin	SRIVAIKUNDAM	W083803078042501	8.63417	78.0736	Dug	Mukkani dw	1.39	1.9	0.55	1.48
Tuticorin	SRIVAIKUNDAM	W083900077570001	8.65	77.95	Bore	Petmanagar	3.9	4.47	1.07	2.2
Tuticorin	SRIVAIKUNDAM	W083730077543001	8.625	77.9083	Dug	Srivaikundam l	3.4	3.65	1.75	3.07
Tuticorin	SRIVAIKUNTAM	W083838077595201	8.64389	77.9978	Dug	Perunkulam	0.98	1.85	0.55	0.92
Tuticorin	TIRUCHENDUR	W082940078072001	8.49444	78.1222	Dug	Tiruchendur-e	4.82	5.07	4.6	0.7
Tuticorin	TIRUCHENDUR	W082945078071501	8.49583	78.1208	Dug	Tiruchendur-w	1.6	1.83	0.45	4.26
Tuticorin	TUTICORIN	W084830078082001	8.80833	78.1389	Dug	Tuticorin l	1.25	1.86	0.65	0.3
Tuticorin	UDANGUDI	W082400078031501	8.4	78.0542	Dug	Kulasekharaptnm	4.07	3.95	3.4	2.64
Tuticorin	UDANGUDI	W082603078014501	8.43417	78.0292	Dug	Udangudi dw	6.76	7.41	7.13	3.34

Tuticorin	VILATHIKULAM	W090900078100002	9.15	78.1667	Dug	Karisalkulam	3.72	4.7	3.87	3.02
Tuticorin	VILATHIKULAM	W090154078150801	9.03167	78.2522	Dug	Mettupanaiyur dw	3.61	5.02	5.25	2.56
Vellore	ALANGAYAM	W123728078450001	12.6244	78.75	Dug	Alangayam	NA	4.15	2.1	1.37
Vellore	ALANGAYAM	W123806078361401	12.635	78.6039	Dug	Chinnakallupalli	5.2	1.5	0.87	1.04
Vellore	ALANGAYAM	W123440078484501	12.5778	78.8125	Dug	Kavalur	NA	12.6	12.1	7.53
Vellore	ALANGAYAM	W123931078460301	12.6586	78.7675	Dug	Peddur dw	NA	4.47	4.2	3.07
Vellore	ALANGAYAM	W124130078373001	12.6917	78.625	Dug	Vaniyambadi I	7.7	1.55	1.4	1.92
Vellore	ALANGAYAM	W123847078415701	12.6464	78.6992	Dug	Vellakuttai	7.55	5.98	3.7	2.25
Vellore	ANAIKATTU	W124615078530001	12.7708	78.8833	Dug	Odugathur	NA	11	9.1	6.93
Vellore	ANAIKATTU	W125400078564501	12.9	78.9458	Bore	Palligonda	NA	7.82	5.05	1.74
Vellore	ANAIKATTU	W125415078563001	12.9042	78.9417	Dug	Pallikonda	3.75	2.6	2.2	2.2
Vellore	Arakkonam	W125421079165501	12.9058	79.2819	Dug	Arakkonam	5.24	3.2	1.33	NA
Vellore	Arakkonam	W125421079165502	12.9058	79.2819	Bore	Arakkonam Pz	2.32	2.43	0.25	1.45
Vellore	ARAKKONAM	W130730079381001	13.125	79.6361	Bore	Echipudur	8.3	3.45	0.7	1.58
Vellore	ARCOT	W125400079193001	12.9	79.325	Dug	Arcot2	10.3	1.42	0.87	0.81
Vellore	ARCOT	W124840079235001	12.8111	79.3972	Bore	Mecherry	13.25	9.31	3.95	1.8
Vellore	ARCOT	W125450079173001	12.9139	79.2917	Bore	Vishram	NA	0.12	NA	0.47
Vellore	F	W123245078343501	12.5458	78.5764	Dug	Indranagar	NA	4.55	3.9	2.55
Vellore	F	W122901078315801	12.4836	78.5328	Dug	Kasinayakanpatty	NA	3.99	3.94	1.6
Vellore	GUDIYATTAM	W125640078503801	12.9444	78.8439	Dug	Nellurpettai dw	NA	2.35	0.05	NA
Vellore	K.V.KUPPAM	W125740078584801	12.9611	78.98	Bore	Kv Kuppam	NA	17.2	14.35	NA
Vellore	K.V.KUPPAM	W125720078594001	12.9556	78.9944	Dug	Veppaneri	NA	12.67	11.28	NA
Vellore	KANDILI	W122745078280001	12.4625	78.4667	Dug	Alankuppam	NA	4.31	2.05	2.2
Vellore	KANDILI	W122840078272001	12.4778	78.4556	Bore	Kandili	NA	13.18	11.7	6.51
Vellore	KANDILI	W122220078352001	12.3722	78.5889	Dug	Perambattu	9.9	9.7	2.15	4.71

Vellore	KATPADI	W125820079064501	12.9722	79.1125	Dug	Katpadi	4.9	2.79	2	NA
Vellore	KAVERIPAKKAM	W130120079283001	13.0222	79.475	Dug	Banavaram1	NA	5.1	2.4	1.55
Vellore	MADANUR	W124701078422401	12.7836	78.7067	Dug	Ambur DW	NA	4.02	3.74	NA
Vellore	MADANUR	W124548078501902	12.7633	78.8386	Bore	Chinnapallikuppam pz	7.35	7.73	4.59	4.44
Vellore	MADANUR	W125116078514501	12.8544	78.8625	Dug	Palur dw	5.8	3.79	2.08	2.26
Vellore	MADANUR	W125120078500001	12.8556	78.8333	Dug	Thottalam	NA	6.87	6.2	5.35
Vellore	PERNAMPET	W125200078423001	12.8667	78.7083	Dug	Machampattu	NA	9.45	NA	NA
Vellore	PERNAMPET	W125615078433001	12.9375	78.725	Bore	Pernambattu	NA	7.77	6.59	NA
Vellore	PERNAMPET	W125630078433001	12.9417	78.725	Dug	Pernampet	NA	3.4	7.07	NA
Vellore	PERNAMPET	W124330078393001	12.725	78.6583	Dug	Sangilikuppam	5.75	6.23	3.85	2.13
Vellore	THIMIRI	W124600079244501	12.7667	79.4125	Dug	Kalavai	10.58	8.58	4.18	4.8
Vellore	THIMIRI	W124900079183001	12.8167	79.3083	Dug	Timiri1	NA	17.87	NA	NA
Vellore	VELLORE	W125448079050801	12.9133	79.0856	Dug	Abdullapuram dw	NA	1.68	1.25	1.5
Vellore	VELLORE	W125443079050901	12.9119	79.0858	Bore	Abdullapuram pz	NA	NA	0.95	2.01
Vellore	VELLORE	W125109079063501	12.8525	79.1097	Dug	Kesavapuram	7.75	NA	2.07	1.82
Vellore	VELLORE	W125240079080001	12.8778	79.1333	Bore	Virupachipuram(bagayam)	NA	5.42	NA	2.35
Vellore	WALAJAPET	W125430079213001	12.9083	79.3583	Dug	Devadanam	NA	5.68	0.84	0.35
Vellore	WALAJAPET	W125600079210001	12.9333	79.35	Bore	Ranipet2	NA	1.02	0.25	1.23
Villupuram	CHINNASALEM	W113803078523501	11.6342	78.8764	Bore	Chinnasalem	NA	5.64	0.4	0.9
Villupuram	CHINNASALEM	W114602078521201	11.7672	78.87	Dug	Kacharapalayam	NA	7.01	1.5	2.8
Villupuram	CHINNASALEM	W114410078510001	11.7361	78.85	Dug	Kallakurichi2	NA	6.17	0.58	2.2
Villupuram	GINGEE	W121500079250001	12.25	79.4167	Bore	Gingee1	NA	1.49	0.05	0.6
Villupuram	GINGEE	W121508079250001	12.2522	79.4167	Dug	Gingee2	NA	4.98	2.7	4.5
Villupuram	KALLAKKURICHI	W114220078581201	11.7056	78.97	Dug	Alathur	NA	5.6	2.7	2.65
Villupuram	KALLAKKURICHI	W113730078570001	11.625	78.95	Dug	Chinnasalem1	NA	1.4	0.25	0.5

Villupuram	KALLAKKURICHI	W114049078550902	11.6803	78.9192	Dug	Indili dw	NA	9.51	1.8	2.65
Villupuram	KALLAKKURICHI	W114430078580001	11.7417	78.9667	Bore	Kallakurichi1	NA	5.1	0.2	0.52
Villupuram	KALLAKURICHI	W114143078560501	11.6953	78.9347	Dug	Ulagamkathan Thimmiya nagar	NA	11.65	0.95	3.5
Villupuram	KANAI	W115718079250601	11.955	79.4183	Bore	Kanai pz	NA	1.6	NA	1.04
Villupuram	KANCHEEPURAM	W125005079402001	12.8347	79.6722	Dug	Salavathi	NA	4.54	0.66	2.4
Villupuram	MAILAM	W121342079341201	12.2283	79.57	Dug	Gopalapuram dw	NA	10.14	0.6	2.4
Villupuram	MAILAM	W121018079355001	12.1717	79.5972	Dug	Kodima dw	NA	4.44	2	2.9
Villupuram	MAILAM	W121500079195401	12.25	79.3317	Dug	Melporadikuppam dw	NA	4.57	0.3	1.4
Villupuram	MAILAM	W121132079373401	12.1922	79.6261	Dug	Thenpasar	NA	NA	0.7	1.6
Villupuram	MARAKKANAM	W121145079460001	12.1958	79.7667	Bore	Brammadesam	4.8	4.7	NA	1.05
Villupuram	MARAKKANAM	W120540079533401	12.0944	79.8928	Bore	Kunimedu pz	3.68	3.65	73.75	1.92
Villupuram	MARAKKANAM	W121230079573001	12.2083	79.9583	Dug	Marakkanam	2.4	1.8	1.3	NA
Villupuram	MARAKKANAM	W121217079503801	12.2047	79.8439	Dug	Siruvadi dw	5.4	5.05	0.55	NA
Villupuram	MARAKKANAM	W121100079400001	12.1833	79.6667	Bore	Tehzbazar	NA	3.25	NA	0.78
Villupuram	MELMALAYANUR	W122005079144501	12.3347	79.2458	Dug	Avalurpet-A	2.6	2	0.8	NA
Villupuram	MUGAIYUR	W115827079133301	11.9742	79.2258	Dug	Arakandanallur	NA	1.16	0.2	1.25
Villupuram	MUGAIYUR	W115830079080001	11.975	79.1333	Dug	Mambazhapattu	NA	5.8	2.35	3.65
Villupuram	MUGAIYUR	W115845079190701	11.9792	79.3186	Dug	Mogaiyur	NA	2.53	1.1	1.58
Villupuram	MUGAIYUR	W115955079095701	11.9986	79.1658	Dug	Sadaikattuattipattu dw	NA	2.04	0.5	0.6
Villupuram	NALLUR	W113156079072601	11.5322	79.1239	Dug	Veppur	NA	2.1	0.65	2.5
Villupuram	OLAKKUR	W121720079480301	12.2889	79.8008	Dug	Ollakkur	NA	3.1	0.3	1.72
Villupuram	RISHIVANDIYAM	W115400079030001	11.9	79.05	Bore	Kadambur pz (V)	NA	4.28	1.3	2.45
Villupuram	RISHIVANDIYAM	W114800079053001	11.8	79.0917	Dug	Rishivandiyam	NA	3.01	1.4	1.4
Villupuram	SANKARAPURAM	W115300078550001	11.8833	78.9167	Dug	Sankarapuram	NA	3.35	0.8	2.6
Villupuram	SANKARAPURAM	W115300078550002	11.8833	78.9167	Bore	Sankarapuram1	NA	0.89	NA	0.54



Villupuram	SANKARAPURAM	W115133078555301	11.8592	78.9314	Dug	Vadasemapalayam	NA	9.26	0.94	3.25
Villupuram	THANJAVUR	W121521079302601	12.2558	79.5072	Bore	Vallam pz	NA	6.25	0.15	NA
Villupuram	THIYAGADURGAM	W114319079074401	11.7219	79.1289	Dug	Vazhavanthan Kuppam	NA	4.52	0.6	2.3
Villupuram	TIRUKKOVILUR	W115645079081601	11.9458	79.1378	Dug	Rajampalayam dw	NA	6.31	4.6	4.5
Villupuram	TIRUKKOVILUR	W115730079130001	11.9583	79.2167	Dug	Tirukkoilur1	NA	2.13	1.13	1.7
Villupuram	TIRUNAMANALLUR	W114215079195401	11.7042	79.3317	Dug	Vellaiyur dw	NA	3.32	0.15	1.85
Villupuram	TIYAGAIDURGAM	W113730079114001	11.625	79.1944	Dug	Asanur	NA	4.1	1.6	2.3
Villupuram	TIYAGAIDURGAM	W114350079053001	11.7306	79.0917	Bore	Tyagadurgam	NA	2.97	0.16	1
Villupuram	TIYAGAIDURGAM	W114312079044001	11.72	79.0778	Dug	Tyagadurgam1	NA	6.05	0.45	1.8
Villupuram	ULUNDURPETTAI	W114300079104501	11.7167	79.1792	Dug	Pidagam	NA	4.07	1.1	1.25
Villupuram	ULUNDURPETTAI	W113940079174001	11.6611	79.2944	Bore	Ulundurpet1	NA	6.52	NA	1.67
Villupuram	ULUNDURPETTAI	W114115079180001	11.6875	79.3	Dug	Ulundurpet2	NA	NA	0.5	0.4
Villupuram	VANUR	W120250079454501	12.0472	79.7625	Bore	Andiarpalayam	49.97	49.39	48.24	40.64
Villupuram	VANUR	W120615079443001	12.1042	79.7417	Dug	Kiliyanur	3.9	1.12	1.94	NA
Villupuram	VANUR	W120804079453601	12.1344	79.76	Dug	Nallavurpudur dw	9.4	7.33	NA	NA
Villupuram	VANUR	W115930079470001	11.9917	79.7833	Dug	Tiruchidrambalam	3.1	2.82	NA	NA
Villupuram	VIKRAVANDI	W120215079334501	12.0375	79.5625	Bore	Vikravandi	NA	2.77	0.3	NA
Virudhunagar	ARUPPUKOTTAI	W093045078054502	9.5125	78.0958	Dug	Aruppukottai-w	NA	NA	7.45	NA
Virudhunagar	ARUPPUKOTTAI	W093315078003001	9.55417	78.0083	Dug	Palavanattam	8.7	9.15	8	NA
Virudhunagar	KARIYAPATTI	W094420078060301	9.73889	78.1008	Dug	Aviyur dw	6.2	7.05	5.55	2.3
Virudhunagar	KARIYAPATTI	W094010078063001	9.66944	78.1083	Bore	Kariyapatti1	8.91	11.34	9.35	4.65
Virudhunagar	KARIYAPATTI	W093400078043001	9.56667	78.075	Bore	Palavanatham	5.01	5.82	5.55	2.9
Virudhunagar	RAJAPALAYAM	W093042077271501	9.51167	77.4542	Dug	Ayyanarkoil dw	6.14	8.51	4.85	5.3
Virudhunagar	RAJAPALAYAM	W092300077333001	9.38333	77.5583	Bore	Choolapuram	2.49	2.35	2.45	2.06
Virudhunagar	RAJAPALAYAM	W092300077275601	9.38333	77.4656	Dug	Devadanam1	3.55	4.15	4.45	2.15

Virudhunagar	RAJAPALAYAM	W092745077323001	9.4625	77.5417	Dug	Rajapalayam1	3.7	3.95	3.5	2.52
Virudhunagar	SATTUR	W091930078003001	9.325	78.0083	Bore	Nenmeni1	5.24	5.5	5.63	4.3
Virudhunagar	SIVAKASI	W093800077490001	9.63333	77.8167	Dug	Erichanatham	6.93	7.89	7.22	1
Virudhunagar	SIVAKASI	W093039077451801	9.51083	77.755	Dug	Vadapatti	NA	NA	NA	4.62
Virudhunagar	SIVAKASI	W092501077450201	9.41694	77.7506	Dug	Vilampatti	6.21	5.9	5.15	1.06
Virudhunagar	SRIVILLIPUTTUR	W092955077420001	9.49861	77.7	Bore	Mullikulam-V	13.76	13.64	14.4	7.72
Virudhunagar	SRIVILLIPUTTUR	W093000077380001	9.5	77.6333	Dug	Srivilliputhur1	10	10.49	10.15	12.1
Virudhunagar	TIRUCHCHULI	W092750078095401	9.46389	78.165	Dug	Kalloorani dw	6.64	7.68	7.6	NA
Virudhunagar	TIRUCHCHULI	W093040078115001	9.51111	78.1972	Dug	Tamilpadi	5.33	7.01	7.55	2.03
Virudhunagar	VEMBAKOTTAI	W092150077411001	9.36389	77.6861	Bore	Alangulam	4.9	5.27	6.24	2.94
Virudhunagar	VEMBAKOTTAI	W092000077460004	9.33333	77.7667	Bore	Vembakkottai-OW	7.87	9.22	8.25	5.25
Virudhunagar	VIRUDHUNAGAR	W093330077573001	9.55833	77.9583	Bore	Sevalpatti	6.03	7.42	6.87	2.57
Virudhunagar	VIRUDHUNAGAR	W093500077571501	9.58333	77.9542	Dug	Virudunagar	3.33	3.58	3.93	1.23
Virudhunagar	WATRAP	W093630077400001	9.60833	77.6667	Bore	Sundarapandiyan	3.43	2.75	3.32	1.81
Virudhunagar	WATRAP	W093749077383001	9.63028	77.6417	Dug	Watrap	3.4	2.4	NA	NA

GROUND WATER QUALITY DATA, CGWB,SECR,CHENNAI (MAY-2021) TAMIL NADU																		ANNEXURE II
S.No	DISTRICT	LOCATION	Latitude	Longitude	PH	EC µs/cm at 25oC	TH as CaCO3 mg/L	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	U in ppb
1	Chennai	Adyar	13.0192	80.2679	7.71	973	370	44	63	59	18	0.00	244	135	134	5	0.82	0.59
2	Chennai	Alwarpet	13.0395	80.2584	7.46	629	170	50	11	58	5	0.00	165	110	16	2	0.84	2.06
3	Chennai	Aminjikarai	13.0735	80.2263	7.17	1538	255	64	23	205	26	0.00	336	259	66	31	0.76	1.06
4	Chennai	Besant Nagar	13.0007	80.2669	7.50	660	240	60	22	38	17	0.00	183	114	45	3	0.30	0.79

5	Chennai	Blue beach road	12.9433	80.2544	7.57	1504	380	64	54	150	48	0.00	336	263	56	75	0.27	6.34
6	Chennai	Chepauk	13.0605	80.2824	7.47	2300	650	112	90	203	26	0.00	329	511	73	65	0.19	0.27
7	Chennai	Egmore	13.0748	80.2626	7.58	1410	280	108	2	206	21	0.00	409	241	51	3	0.48	2.27
8	Chennai	Elegant Flat	12.9828	80.2639	7.45	1586	270	72	22	235	17	0.00	177	433	44	10	0.27	2.03
9	Chennai	Guindy(CLRI)	13.0070	80.2409	7.04	608	175	46	15	57	5	0.00	171	103	27	4	0.92	1.71
10	Chennai	Injambakkam	12.9264	80.2556	7.42	527	230	76	10	22	8	0.00	159	78	47	17	0.28	1.99
11	Chennai	K.K.Nagar	13.0430	80.2056	7.69	856	310	52	44	59	12	0.00	207	121	135	6	0.82	1.29
12	Chennai	Kalakshetra	12.9879	80.2643	7.62	1432	330	60	44	185	9	0.00	268	355	37	2	0.23	5.84
13	Chennai	KCG Garden	12.9344	80.2569	7.48	1090	250	64	22	128	18	0.00	250	213	51	7	0.35	2.71
14	Chennai	Lions club	12.9200	80.2517	7.55	1183	380	108	27	94	32	0.00	287	178	43	100	0.48	8.24
15	Chennai	Seashore Apartment 39	12.9789	80.2658	7.37	1660	260	68	22	276	19	0.00	146	511	39	20	0.17	0.48
16	Chennai	Seashore Apartment 40	12.9786	80.2656	6.80	2750	350	68	44	459	26	0.00	183	795	54	34	0.36	0.44
17	Chennai	Taramani (NITTR PZ)	12.9866	80.2499	7.68	760	230	28	39	70	11	0.00	165	107	133	5	0.73	1.16
18	Chennai	Tirumangalam	13.0891	80.1977	7.19	636	155	30	19	70	5	0.00	165	121	22	4	0.89	3.25
19	Chennai	Tondiarpet	13.1294	80.2914	7.60	2130	350	72	41	265	76	0.00	445	447	49	20	0.27	0.26
20	Chennai	Vallalarnagar	13.1054	80.2844	7.53	976	300	96	15	84	22	0.00	299	156	42	30	0.15	2.84
21	Chennai	Vepery	13.0870	80.2681	7.90	3460	440	64	68	588	26	0.00	689	639	263	1	1.03	3.40
22	Chennai	Vishranti old age home	12.9569	80.2606	7.40	1594	420	88	49	186	18	0.00	299	341	66	42	0.41	6.79
23	Cuddalore	Abathanapuram	11.5819	79.5533	7.76	887	215	64	13	80	8	0.00	98	146	122	6	0.52	0.00
24	Cuddalore	Annadanampetty	11.6067	79.6350	7.90	417	116	33	8	28	5	0.00	67	62	43	17	0.40	0.00
25	Cuddalore	Chidambaram	11.3833	79.6917	8.10	9520	980	28	221	1510	31	0.00	732	2404	438	7	0.80	3.47
26	Cuddalore	Cholatharam	11.3617	79.5083	8.25	1111	320	76	32	69	16	0.00	268	149	72	0	0.15	0.14
27	Cuddalore	Gandhi nagar arch	11.6175	79.5539	7.68	198	52	14	4	18	1	0.00	43	23	9	19	0.31	0.00
28	Cuddalore	Karunguzhi	11.5222	79.5256	7.99	1203	260	60	27	119	43	0.00	244	156	127	7	0.75	0.40
29	Cuddalore	Kattumannargudi	11.2872	79.5517	8.20	763	275	62	29	44	6	0.00	183	132	33	23	0.16	0.15
30	Cuddalore	Kilai	11.4458	79.7639	8.04	1706	420	84	51	171	53	0.00	342	312	129	1	0.00	0.48
31	Cuddalore	Kilpuvanikuppam	11.6011	79.7189	7.44	1753	380	80	44	183	81	0.00	439	220	160	70	0.55	3.03
32	Cuddalore	Ko -Puvanar	11.6083	79.3167	7.80	1631	480	56	80	193	7	0.00	537	206	109	3	2.18	3.24
33	Cuddalore	Kudiyamallur	11.5269	79.6517	7.85	2620	500	108	56	291	17	0.00	378	299	430	19	0.98	1.45
34	Cuddalore	Kumaratchi	11.3108	79.6303	8.29	1783	380	88	39	168	155	60.00	415	220	112	101	0.75	1.04

35	Cuddalore	Kurinjipadi	11.5625	79.5917	7.84	1049	330	82	30	79	4	0.00	268	128	85	23	1.16	6.35
36	Cuddalore	Naduthittu	11.6392	79.7472	6.96	329	60	16	5	41	0	0.00	112	38	10	0	0.13	0.29
37	Cuddalore	Nangudi	11.4133	79.5206	8.10	3430	700	84	119	428	2	0.00	476	683	272	1	0.68	0.00
38	Cuddalore	Palayamkottai	11.3619	79.4669	7.10	1069	340	92	27	65	27	0.00	268	135	75	20	1.15	3.36
39	Cuddalore	Paradur	11.4161	79.5722	8.16	2660	760	104	122	248	4	0.00	464	313	492	0	0.36	0.13
40	Cuddalore	Parangipettai	11.5085	79.7568	7.94	1180	290	80	22	115	26	0.00	439	163	25	6	0.19	0.69
41	Cuddalore	Periyakamutti	11.4894	79.7156	8.00	604	220	66	13	47	2	0.00	159	53	107	0	0.55	0.00
42	Cuddalore	Pudhuchattiram	11.5203	79.7197	7.81	2350	580	108	75	221	10	0.00	366	398	240	8	0.68	1.31
43	Cuddalore	Reddipalayam pz	11.5394	79.5914	7.89	1099	360	92	32	86	4	0.00	183	142	152	0	0.78	1.66
44	Cuddalore	Sathamangalam	11.5186	79.3697	7.74	652	205	58	15	36	18	0.00	134	96	72	5	0.39	0.00
45	Cuddalore	Seerakuppam	11.5294	79.5311	7.84	1043	255	74	17	98	37	0.00	122	128	168	51	0.66	0.07
46	Cuddalore	Sethiathope	11.4667	79.5500	8.32	989	220	32	34	109	1	0.00	299	92	89	6	0.45	0.89
47	Cuddalore	Srivasanallur	11.6269	79.7194	6.98	866	105	20	13	122	3	0.00	73	199	43	2	0.55	0.31
48	Cuddalore	Theerthanagari	11.5692	79.6789	7.82	812	180	42	18	98	7	0.00	274	100	45	5	0.61	1.80
49	Cuddalore	Theerthanagari T/W	11.5687	79.6769	7.96	2980	450	64	70	420	8	0.00	573	569	144	11	0.87	8.80
50	Cuddalore	Therkumelur	11.5892	79.5275	7.80	157	46	10	5	15	1	0.00	43	20	12	6	0.75	0.13
51	Cuddalore	Trichopuram	11.6164	79.7414	6.87	258	54	14	4	12	22	0.00	76	16	12	17	0.52	1.45
52	Cuddalore	Veeranatham	11.3058	79.5939	8.08	2750	550	48	105	304	3	0.00	561	484	153	9	0.80	8.37
53	Cuddalore	Vilathur	11.3207	79.5969	8.10	1795	460	72	68	208	34	0.00	647	256	99	0	0.17	0.53
54	Cuddalore	Vridhachalam	11.5167	79.3375	7.66	1002	300	74	28	102	4	0.00	220	135	148	21	0.84	0.00
55	Dharmapuri	A.Pallipatti	11.9403	78.4017	7.80	3150	780	184	78	231	62	0.00	451	503	335	66	0.40	7.19
56	Dharmapuri	Bharathipuram	12.1172	78.1531	7.80	1652	620	92	95	62	2	0.00	433	191	151	59	0.54	3.78
57	Dharmapuri	Bommidimalapurm	12.1353	78.0600	7.00	1366	570	112	70	29	3	0.00	415	170	74	46	0.72	1.46
58	Dharmapuri	Ecchambadi (K)	12.2017	78.3544	7.00	6950	2490	572	258	255	0	0.00	268	1758	428	99	0.36	24.10
59	Dharmapuri	Echambadi (H)	12.1128	78.4942	7.30	2360	760	124	109	144	1	0.00	317	362	210	52	0.91	4.40
60	Dharmapuri	Harur	12.0489	78.4767	7.80	2370	780	64	151	112	1	0.00	439	362	206	38	1.70	5.17
61	Dharmapuri	Hogenakkal	12.1192	77.7811	7.90	1300	300	36	51	180	1	0.00	476	128	116	3	0.79	1.04
62	Dharmapuri	Irumattur	12.2625	78.3003	7.70	2600	660	156	66	218	1	0.00	378	503	181	11	0.80	3.36
63	Dharmapuri	Jaggubathipalayam (J Palayam)	12.1942	78.2950	7.50	1208	540	100	70	23	1	0.00	268	128	102	98	0.60	2.00
64	Dharmapuri	Karthankulam	12.1331	78.3197	7.50	352	190	24	32	18	1	0.00	183	28	24	2	0.14	0.65

65	Dharmapuri	Konnagihalli (B.Agraharam)	12.1361	77.9686	7.60	1672	560	68	95	124	0	0.00	293	234	142	42	0.55	8.19
66	Dharmapuri	Kottapatti	12.9867	78.6714	7.60	1719	710	40	148	65	2	0.00	415	213	237	48	0.58	21.50
67	Dharmapuri	Morappur	12.1156	78.4025	7.40	1721	500	68	80	156	1	0.00	378	291	26	62	0.96	0.98
68	Dharmapuri	Mukkareddipatti	11.9661	78.4139	7.30	2990	830	104	139	249	15	0.00	476	532	306	65	0.42	7.30
69	Dharmapuri	Mullaiivanam	12.0975	78.1289	7.40	354	130	28	15	14	1	0.00	67	50	41	3	0.18	0.32
70	Dharmapuri	Nagadasampatti	12.1358	77.9906	7.20	2950	960	164	134	131	1	0.00	317	468	248	55	0.69	7.61
71	Dharmapuri	Odasalapatti	12.1425	78.2917	7.50	2420	780	92	134	139	1	0.00	464	362	186	81	1.46	3.94
72	Dharmapuri	Odasalapatti	12.1425	78.2917	7.50	2420	780	92	134	139	1	0.00	464	362	186	81	1.46	3.94
73	Dharmapuri	Odasalpatti X road	12.1431	78.2844	7.00	1310	410	80	51	67	1	0.00	207	184	112	62	0.47	1.28
74	Dharmapuri	Papireddipatti	11.9111	78.3664	7.10	2370	710	176	66	139	3	0.00	500	305	188	77	1.40	5.38
75	Dharmapuri	Papparapatti	12.2147	78.0564	7.50	1472	490	36	97	131	1	0.00	549	170	98	6	1.41	2.17
76	Dharmapuri	Pattakarankottai (Jarimankurichy) OW	12.0275	77.8103	7.80	1746	660	140	75	97	0	0.00	476	145	168	45	0.73	5.45
77	Dharmapuri	Pennagaram	12.1322	77.9006	7.70	2330	780	172	85	121	2	0.00	439	298	128	60	0.24	4.25
78	Dharmapuri	Sillarhalli	12.0519	78.2792	7.90	2330	770	72	143	161	2	0.00	512	305	189	62	1.45	4.88
79	Dharmapuri	Thambichettipatti	12.1081	78.4128	7.40	350	180	28	27	18	1	0.00	159	35	24	4	0.14	0.57
80	Dharmapuri	Theerthamalai	12.1036	78.5889	7.70	3590	1120	268	109	176	2	0.00	598	475	240	49	1.34	13.60
81	Dharmapuri	Thoppur	11.9403	78.0594	7.80	3520	1300	180	207	170	1	0.00	427	638	312	74	1.41	9.60
82	Dindigul	Natham	10.2242	78.2294	7.74	7160	1840	80	399	680	6.7	0.00	756	1529	385	378	1.3	49.92
83	Dindugal	Alagapuri	10.5983	77.9756	7.52	4050	1240	144	214	368	9	0.00	323	1156	106	44	0.49	4.18
84	Dindugal	Ayyalur	10.4822	78.1672	7.87	1137	375	40	67	94	4	0.00	348	145	72	18	0.32	5.20
85	Dindugal	Chattrapatti	10.4667	77.6583	8.00	2720	950	232	90	198	5	0.00	134	744	72	195	0.08	0.86
86	Dindugal	Chellamantadi	10.4072	78.0025	7.98	1483	230	42	30	230	4	0.00	403	223	77	1	0.84	4.23
87	Dindugal	chettiveru	10.2377	77.7708	7.70	1870	660	140	75	129	5	0.00	470	252	86	140	1.11	3.49
88	Dindugal	Dindigul	10.3667	77.9708	7.90	1876	410	80	51	242	4	0.00	531	206	144	73	1.10	0.14
89	Dindugal	Dindigul2	10.3667	77.9708	7.90	1890	480	74	72	212	11	0.00	567	195	144	70	1.14	1.76
90	Dindugal	Gandhigram	10.2583	77.9250	7.70	1250	325	88	26	133	8	0.00	317	174	74	57	0.60	4.27
91	Dindugal	Ganguvarapatti	10.1669	77.6944	7.80	600	245	44	33	20	6	0.00	256	28	34	10	0.66	0.13
92	Dindugal	Guzilamparai	10.6806	78.1156	7.79	1745	395	114	27	214	9	0.00	397	230	130	101	0.25	4.71
93	Dindugal	Hanumanthanagar	10.3514	77.9944	7.50	360	100	28	7	40	6	0.00	134	28	43	2	0.42	1.06
94	Dindugal	Idayapatti	10.7583	78.0333	7.60	1280	310	62	38	143	16	0.00	323	170	110	20	0.62	6.13

95	Dindugal	Kakkinapatti	10.6714	77.9922	7.85	1363	495	126	44	83	8	0.00	378	209	48	24	0.32	2.04
96	Dindugal	Kanakkanpatti	10.4750	77.5667	7.86	4030	1000	144	156	465	22	0.00	751	638	326	218	0.52	1.74
97	Dindugal	Kodaikanal	10.2347	77.4833	7.46	146	40	10	4	14	0	0.00	37	25	10	1	0.07	0.01
98	Dindugal	Muthampattipalayam	10.7272	78.1392	7.92	3230	815	186	85	380	22	0.00	561	603	202	175	0.83	5.44
99	Dindugal	Nandavanampatti	10.2256	77.5929	7.87	2440	510	120	51	322	24	0.00	616	397	158	9	0.63	2.30
100	Dindugal	Oodanchatram	10.4875	77.7542	7.43	2530	750	144	95	235	5	0.00	592	468	43	99	0.44	1.82
101	Dindugal	Oodanchatram	10.4880	77.7577	7.49	2650	1080	128	185	120	5	0.00	488	425	192	192	0.18	0.20
102	Dindugal	Palakanthu	10.4658	77.8056	7.60	1667	555	112	67	115	6	0.00	482	181	53	122	1.45	1.49
103	Dindugal	Palani2	10.4333	77.5125	8.14	307	95	30	5	25	6	0.00	85	39	24	5	0.41	0.02
104	Dindugal	Paraipatti	10.3583	77.9750	7.64	2950	1020	140	163	230	1	0.00	561	425	269	220	0.57	3.17
105	Dindugal	Perumal Malai	10.2681	77.5417	7.80	55	20	6	1	5	1	0.00	18	7	5	1	0.32	0.01
106	Dindugal	Pittalappatti	10.3377	78.9261	7.71	1850	555	60	98	173	5	0.00	543	227	96	80	1.45	4.97
107	Dindugal	Pudu Ettama Nayakar Patti	10.4619	77.7061	7.00	1789	620	88	97	103	5	0.00	470	177	58	189	1.17	0.02
108	Dindugal	Puliyantham	9.8844	78.1889	7.35	715	135	40	9	97	5	0.00	244	64	58	3	0.91	0.73
109	Dindugal	R.Pudukottai OW	10.6130	78.0505	7.41	848	225	70	12	85	9	0.00	299	64	67	28	0.26	5.81
110	Dindugal	Reddiarchatram	10.4167	77.8611	7.70	1342	380	68	51	129	6	0.00	464	131	47	70	0.23	2.06
111	Dindugal	Reddiarchatram	10.4167	77.8611	7.80	1329	495	130	41	83	2	0.00	354	156	82	102	0.96	2.06
112	Dindugal	Senarpatti	10.2814	78.0708	7.40	1690	425	60	67	184	5	0.00	580	191	77	14	1.29	12.86
113	Dindugal	Servaikaranpatti	10.7416	78.1041	7.60	2710	1130	120	202	115	8	0.00	226	794	67	27	0.88	16.73
114	Dindugal	Siluvathur OW	10.4383	78.0855	7.86	1200	345	72	40	115	5	0.00	336	152	96	15	0.98	10.87
115	Dindugal	Sundarapuri	10.4597	78.0272	8.20	1094	350	40	61	83	12	0.00	366	128	43	21	0.10	5.46
116	Dindugal	Thamaraipadi	10.4053	78.0453	7.81	4180	890	220	83	552	16	0.00	928	681	240	161	0.29	3.00
117	Dindugal	Thoppampatti	10.5900	77.5269	7.80	2340	690	78	120	221	14	0.00	366	553	34	99	0.90	1.75
118	Dindugal	Thumbalapatti	10.5333	77.5208	7.68	1291	425	20	91	92	12	0.00	549	78	43	50	0.53	0.22
119	Dindugal	Uthu	10.2683	76.6177	7.77	256	65	18	5	28	6	0.00	73	32	24	0	0.20	0.10
120	Dindugal	Vadamadurai	10.4422	78.1030	7.23	2360	610	144	61	276	4	0.00	323	418	221	149	0.38	1.74
121	Dindugal	Vadamadurai	10.3583	78.1000	7.76	2490	740	196	61	219	4	0.00	421	440	154	109	0.28	1.59
122	Dindugal	Vaivespuram	10.5458	78.0719	8.00	2270	660	100	100	216	12	0.00	281	362	206	231	0.23	13.18
123	Dindugal	Vedasandur2	10.5306	77.9528	7.77	4160	1060	68	216	460	13	0.00	488	1028	202	5	0.71	4.74
124	Dindugal	Velode	11.2513	78.0369	7.82	877	255	64	23	76	12	0.00	244	106	67	2	0.11	4.11

125	Kancheepuram	Acharapakkam	12.4064	79.8133	7.81	1020	390	84	44	37	1	0.00	384	142	3	1	1.04	0.50
126	Kancheepuram	Agaram	12.8898	80.1430	7.40	975	350	76	39	59	2	0.00	244	192	8	2	0.49	0.39
127	Kancheepuram	Akkarai	12.9020	80.2494	7.48	853	310	52	44	54	17	0.00	256	121	46	57	0.12	2.49
128	Kancheepuram	Anakupthur	12.9827	80.1286	6.90	1545	400	100	36	145	48	0.00	439	206	5	157	1.40	2.24
129	Kancheepuram	Arasanimangalam	12.5689	79.7233	7.10	1150	380	100	32	64	1	0.00	299	145	60	70	0.52	1.59
130	Kancheepuram	Athur	12.4064	79.8133	7.20	1422	450	64	70	99	1	0.00	323	248	50	40	1.15	3.00
131	Kancheepuram	Baluchettychatram	10.4633	77.7900	7.00	2010	450	92	53	160	5	0.00	336	347	70	30	0.29	19.46
132	Kancheepuram	Chemmancheri	12.8633	80.2261	7.45	764	190	20	34	69	40	0.00	92	114	108	34	0.37	0.18
133	Kancheepuram	Chenglepet	12.6744	79.9769	7.90	742	190	56	12	89	8	0.00	104	191	3	32	0.94	0.45
134	Kancheepuram	Chitlapakkam	12.9403	80.1378	7.42	497	165	24	26	36	1	0.00	134	60	16	50	0.17	0.28
135	Kancheepuram	Chrompet	12.9500	80.1338	7.09	1761	530	76	83	169	4	0.00	525	312	29	7	0.91	1.04
136	Kancheepuram	Chunambedu	12.2669	79.9844	7.00	1354	460	120	39	72	0	0.00	159	305	50	45	0.41	2.30
137	Kancheepuram	Chunamedu	12.2586	79.9028	7.11	485	160	32	19	36	0	0.00	226	28	2	21	0.40	0.47
138	Kancheepuram	Girugambakkam	13.0153	80.1366	7.00	1696	450	112	41	163	11	0.00	451	277	70	1	1.13	5.89
139	Kancheepuram	Guduvancheri	12.8439	80.0622	7.15	1360	420	120	29	96	30	0.00	275	220	10	99	0.69	0.73
140	Kancheepuram	Hastinapuram	12.9431	80.1476	7.20	1182	400	76	51	89	3	0.00	384	178	35	9	0.55	0.31
141	Kancheepuram	Kancheepuram	12.8336	79.7025	7.80	3930	140	32	15	722	23	0.00	1110	596	8	72	1.76	111.00
142	Kancheepuram	Kattankalathur	12.8083	80.0297	7.70	823	310	56	41	37	3	0.00	238	113	6	38	0.59	0.22
143	Kancheepuram	Kattur-Pz	12.5708	80.9749	7.70	602	270	60	29	20	6	0.00	165	85	42	6	0.81	0.01
144	Kancheepuram	Kilkattalai	12.9574	80.1785	7.40	1616	460	120	39	153	4	0.00	336	305	78	39	0.55	0.78
145	Kancheepuram	Kolapakkam	12.8687	80.1101	7.38	1824	480	116	46	199	2	0.00	397	312	73	98	0.64	1.69
146	Kancheepuram	Kolathanallur	12.3506	79.9014	7.64	962	250	44	34	104	2	0.00	268	163	6	19	0.90	0.47
147	Kancheepuram	Kundrathur	12.9980	80.0936	7.20	1331	350	112	17	127	3	0.00	311	241	44	27	1.21	1.05
148	Kancheepuram	Madambakkam	12.9008	80.1615	7.38	1960	490	104	56	214	3	0.00	445	369	44	26	0.78	2.52
149	Kancheepuram	Madurantagam	12.5028	79.8761	7.38	1287	390	136	12	78	5	0.00	390	156	5	38	0.36	1.72
150	Kancheepuram	Mahabalipuram	12.6158	80.1925	7.55	443	190	24	32	17	6	0.00	128	57	54	3	0.59	0.15
151	Kancheepuram	Mangadu	13.0342	80.1085	7.10	1813	460	128	34	184	14	0.00	372	298	66	85	0.80	1.63
152	Kancheepuram	Manimangalam	12.9190	80.0424	7.54	2100	330	92	24	169	268	0.00	628	277	40	146	0.97	0.96
153	Kancheepuram	Mannivakkam	12.8922	80.8019	7.00	1016	370	76	44	37	2	0.00	201	160	56	35	0.38	0.38
154	Kancheepuram	Meenambakkam	12.9855	80.1784	7.47	1034	340	80	34	87	1	0.00	275	156	64	27	0.63	1.72

155	Kancheepuram	Mudichur	12.8943	80.0645	7.40	1710	430	140	19	182	21	0.00	403	291	52	65	0.37	0.29
156	Kancheepuram	Muthukadu	12.8125	80.2433	6.96	2180	380	60	56	304	15	0.00	116	540	186	6	0.32	0.24
157	Kancheepuram	Nagalkani	12.9576	80.1261	7.12	1687	350	68	44	226	3	0.00	433	348	7	1	0.42	0.61
158	Kancheepuram	Nandambakkam	13.0106	80.1960	7.30	912	230	64	17	93	15	0.00	262	146	35	16	0.93	0.39
159	Kancheepuram	Nedunkundram	12.8833	80.1106	7.10	1216	370	72	46	82	0	0.00	305	160	90	35	0.63	0.51
160	Kancheepuram	Paddapai (Pz)	12.8898	80.0220	7.33	1890	690	132	88	126	4	0.00	397	391	48	49	0.48	0.99
161	Kancheepuram	Pallavaram	12.9814	80.1560	7.27	2090	510	132	44	217	2	0.00	397	391	106	40	0.89	6.92
162	Kancheepuram	Pallavaram pz	12.9725	80.1543	7.56	1165	420	108	36	72	1	0.00	293	213	47	16	0.82	1.38
163	Kancheepuram	Pallikaranai (Pz)	12.9263	80.1979	7.25	1750	580	176	34	133	3	0.00	372	369	49	22	0.25	1.78
164	Kancheepuram	Panruti Kandigai	12.8506	79.9119	7.30	579	70	12	10	72	0	0.00	110	82	30	10	0.50	0.07
165	Kancheepuram	Perungulathur	12.9173	80.0856	7.32	2690	440	80	58	402	4	0.00	622	518	71	53	1.11	2.33
166	Kancheepuram	Ponmar	12.8338	80.1667	7.52	909	340	64	44	52	5	0.00	220	170	35	2	0.20	0.00
167	Kancheepuram	Ponmar (Pz)	12.8556	80.1693	7.50	1056	350	60	49	86	3	0.00	250	163	31	62	0.54	0.20
168	Kancheepuram	Porur	13.0338	80.1569	7.10	1356	370	88	36	123	2	0.00	421	213	21	2	1.21	1.09
169	Kancheepuram	Rettamangalam	12.6300	79.8336	7.10	840	230	76	10	54	0	0.00	305	57	30	25	0.99	1.67
170	Kancheepuram	Sadras	12.5269	80.1622	7.82	1328	460	128	34	90	21	0.00	329	178	122	73	0.70	7.84
171	Kancheepuram	Shollinganallore	12.9037	80.2330	7.51	3110	340	68	41	467	102	0.00	183	696	328	112	1.12	1.17
172	Kancheepuram	St.Thomas Mount	13.0071	80.1976	7.00	1910	540	144	44	184	1	0.00	488	320	78	59	1.32	3.16
173	Kancheepuram	Tambaram	12.9310	80.1166	7.26	968	310	72	32	83	4	0.00	262	149	25	58	0.54	0.01
174	Kancheepuram	Thirumukkudal	12.7564	79.8592	7.20	640	160	28	22	78	4	0.00	189	71	35	37	0.33	0.50
175	Kancheepuram	Thiruporur (Pz)	12.7200	80.1852	7.59	1457	360	56	54	158	7	0.00	348	220	144	5	0.84	2.11
176	Kancheepuram	Tirukalukundram	12.6061	80.0560	7.70	458	180	24	29	23	8	0.00	98	85	34	8	0.51	0.56
177	Kancheepuram	Tiruneermalai	12.9628	80.1132	7.15	897	270	68	24	65	31	0.00	262	156	9	13	0.12	0.31
178	Kancheepuram	Tiruporur	12.7318	80.1891	7.86	1639	280	24	54	255	9	0.00	415	213	160	48	1.25	1.66
179	Kancheepuram	Uthandi	12.8600	80.2417	7.47	409	140	20	22	25	8	0.00	73	64	59	13	0.53	0.22
180	Kancheepuram	Uthikadu	12.8267	79.8211	7.00	2610	780	240	44	65	89	0.00	390	440	98	110	1.70	18.00
181	Kancheepuram	Uthiramerur	12.6117	79.7344	7.12	8020	2780	576	326	457	0	0.00	732	2382	9	68	1.04	0.06
182	Kancheepuram	Vadakkupattu	12.8117	79.9425	7.10	960	310	72	32	40	1	0.00	281	106	25	41	0.36	1.56
183	Kancheepuram	Vadakkal (Palnallur)	12.9036	79.9139	7.10	3080	440	64	68	398	29	0.00	366	638	155	25	0.77	71.30
184	Kancheepuram	Vengaivasal	12.9004	80.1711	7.29	2680	780	164	90	239	20	0.00	604	504	88	21	0.52	0.26



185	Kanyakumari	Aralvaimozhi	8.2500	77.5167	7.90	972	290	88	17	77	5	0.00	342	106	16	26	0.86	1.00
186	Kanyakumari	Attur	8.3250	77.2583	7.60	180	60	12	7	8	3	0.00	24	14	16	25	0.20	0.00
187	Kanyakumari	Boothapandy	8.2583	77.4528	7.80	1015	250	68	19	120	4	0.00	427	99	17	36	0.77	3.11
188	Kanyakumari	Chettiarmadam	8.1917	77.2953	7.80	250	80	8	15	12	5	0.00	24	50	6	13	0.30	0.47
189	Kanyakumari	Kanyakumari	8.0833	77.5500	7.70	1303	300	96	15	130	25	0.00	232	138	112	75	0.37	4.60
190	Kanyakumari	Kattudurai	8.2839	77.2719	7.30	843	200	20	36	56	27	0.00	85	170	20	47	0.67	0.00
191	Kanyakumari	Kolachal	8.1778	77.2625	7.10	169	70	12	10	4	2	0.00	37	21	13	8	0.15	0.00
192	Kanyakumari	Kulasekharan	8.3522	77.2858	7.00	695	120	32	10	60	26	0.00	122	78	21	69	0.32	0.00
193	Kanyakumari	Marthandom	8.3097	77.2142	7.10	409	100	20	12	19	6	0.00	24	50	23	54	0.15	0.00
194	Kanyakumari	Nagarkoil	8.1667	77.4500	7.70	1662	400	116	27	172	24	0.00	342	220	85	72	0.57	7.37
195	Kanyakumari	Variyur	9.1667	77.5625	7.70	1150	230	44	29	145	10	0.00	433	92	52	68	1.36	3.05
196	Kanyakumari	Vellaivilai	8.2222	77.2583	7.60	729	120	20	17	86	3	0.00	67	156	56	12	0.44	0.08
197	Kanyakumari	Villukuri	8.2250	77.3583	7.30	667	160	36	17	38	12	0.00	67	92	59	24	0.22	0.00
198	Kanyakumari	Kanyakumari	8.0947	77.5444	7.00	1640	320	52	46	227	5	0.00	171	347	152	104	0.60	0.00
199	Kanyakumari	Karungal	8.2450	77.2378	7.40	1162	275	52	35	82	3	0.00	37	252	98	15	0.55	0.00
200	Kanyakumari	Kundal(west)	8.1031	77.5439	7.60	1386	260	44	36	168	2	0.00	250	227	141	24	1.53	0.00
201	Kanyakumari	Kundal(west)	8.1031	77.5439	7.60	1386	260	44	36	168	2	0.00	250	227	141	24	1.53	0.00
202	Kanyakumari	Marthandam	8.3097	77.2142	7.50	506	140	16	24	26	120	0.00	61	92	109	31	0.22	0.00
203	Kanyakumari	Rajakkamangalam	8.1283	77.3683	7.30	864	210	32	32	88	3	0.00	73	195	89	9	0.53	0.14
204	Kanyakumari	Thakkalai	8.2411	77.3192	7.50	1286	230	40	32	117	47	0.00	153	213	84	62	0.59	0.63
205	Kanyakumari	Tiruvattar	8.3364	77.2717	7.50	590	220	56	19	23	4	0.00	159	71	55	6	0.63	0.00
206	Krishnagiri	Anusonai	12.5717	77.8975	7.26	292	100	25	9	14	3	0.00	118	21	18	0	0.33	0.57
207	Krishnagiri	Athimugam	12.7522	77.9756	8.01	1882	440	76	61	256	17	0.00	342	292	248	113	0.84	38.06
208	Krishnagiri	Bargur	12.5450	78.3483	7.61	2570	660	120	88	278	17	0.00	586	370	360	34	1.80	46.06
209	Krishnagiri	Billakottai	12.4089	78.1658	7.86	1024	150	16	27	198	4	0.00	439	78	83	1	2.86	1.74
210	Krishnagiri	Billanakuppam	12.6027	78.1853	8.26	831	235	30	39	99	15	0.00	427	53	69	2	1.66	54.20
211	Krishnagiri	Denkanikottai	12.5208	77.7917	7.29	2520	640	148	66	316	6	0.00	415	398	375	60	1.07	8.26
212	Krishnagiri	Enusonai	12.6138	78.0176	7.71	615	180	36	22	66	5	0.00	244	75	36	1	0.77	2.00
213	Krishnagiri	Gurubarapalli(Billanakuppam)	12.5974	78.1331	8.03	1536	510	52	92	137	15	0.00	451	213	211	12	2.12	135.22
214	Krishnagiri	Hosur	12.7278	77.8278	8.07	1114	365	54	56	96	11	0.00	378	149	72	38	0.89	19.76

215	Krishnagiri	Karukanchavadi	12.4106	78.2075	7.82	1272	300	64	34	152	3	0.00	427	192	48	9	0.99	1.89
216	Krishnagiri	Kaveripatnam	12.4197	78.2186	7.86	1979	400	104	34	210	124	0.00	464	292	160	127	0.16	3.24
217	Krishnagiri	Keezhkuppam	12.3823	78.8982	8.08	1279	200	24	34	239	10	0.00	622	107	122	0	1.26	1.50
218	Krishnagiri	Konnanur	12.3328	78.3503	7.57	735	220	52	22	92	1	0.00	329	71	37	5	0.39	0.54
219	Krishnagiri	Krishnagiri	12.4721	78.2154	7.93	1647	410	80	51	213	13	0.00	415	277	100	69	0.80	17.01
220	Krishnagiri	Machikanakottai	12.4131	78.1708	7.31	570	110	36	5	47	50	0.00	183	68	22	18	0.35	1.42
221	Krishnagiri	Machinayanapalli	12.6156	77.7844	7.51	1437	580	188	27	80	12	0.00	366	92	339	35	1.28	123.84
222	Krishnagiri	Mallapadi	12.5344	78.3752	7.71	597	140	30	16	69	9	0.00	293	36	36	0	0.85	7.40
223	Krishnagiri	Mathur	12.3825	78.4133	7.78	2940	740	132	100	275	10	0.00	610	441	140	251	0.86	6.99
224	Krishnagiri	Mattur(Manjamedu)	12.2725	78.3083	7.85	1072	180	28	27	184	2	0.00	342	164	54	8	2.36	2.71
225	Krishnagiri	Megalachinnapalli	12.6047	78.2494	7.22	1459	390	58	60	153	4	0.00	375	235	156	0	1.06	72.77
226	Krishnagiri	Nagathunai	12.5639	77.9128	7.36	722	235	54	24	70	5	0.00	336	71	23	3	0.52	0.55
227	Krishnagiri	Nattanmaikottai	12.4721	78.2154	7.44	1748	360	84	36	229	1	0.00	329	370	108	37	1.50	7.70
228	Krishnagiri	Pannandur	12.3013	78.2795	7.25	2930	660	172	56	256	6	0.00	305	683	100	39	0.47	5.54
229	Krishnagiri	Panneshwaramadam	12.3917	78.2469	7.88	3360	650	132	78	416	88	0.00	647	754	166	69	1.24	6.66
230	Krishnagiri	Rayakottai	12.5133	78.0361	7.46	2480	560	148	46	266	114	0.00	708	341	134	219	0.26	4.71
231	Krishnagiri	Sulagiri	12.6636	78.0122	7.76	2630	710	184	61	342	4	0.00	476	384	163	291	0.60	1.19
232	Krishnagiri	Tattarhalli	12.3408	78.2458	7.39	2680	620	112	83	245	5	0.00	403	498	94	128	1.53	4.25
233	Krishnagiri	Thally	12.5828	77.6567	7.55	518	120	40	5	77	2	0.00	201	68	16	0	2.76	6.72
234	Krishnagiri	Udhanapalli(Muthanthalli)	12.6103	77.9395	7.69	620	225	56	21	38	4	0.00	250	50	32	25	0.54	5.68
235	Krishnagiri	Unichetty(P.H)Gullatty	12.4370	77.8505	7.83	593	170	30	23	68	3	0.00	311	28	30	1	0.56	1.76
236	Krishnagiri	Uthangarai	12.2642	78.5508	7.67	1248	500	92	66	71	5	0.00	464	128	67	112	1.00	1.71
237	Krishnagiri	Vennampalli	12.3475	78.5550	7.54	1924	590	124	68	165	6	0.00	329	299	241	91	1.10	5.08
238	Krishnagiri	Veppanapalli(Konganepalli)	12.6998	78.1925	7.51	1261	330	80	32	148	5	0.00	244	164	261	1	1.53	6.82
239	Krishnagiri	Virupakshinagar	12.5933	77.8681	7.57	528	175	52	11	50	4	0.00	262	28	28	18	1.00	9.83
240	Madurai	Kadavoor	10.0786	78.1742	7.84	950	375	64	52	40	6.8	0.00	329	96	54	23	1.01	2.32
241	Madurai	Vallalapatti A	10.0931	78.2711	7.41	1170	310	56	41	128	15	0.00	342	149	98	17	1.59	159.84
242	Madurai	Kallandri	10.0383	78.1986	7.57	825	275	72	23	54	4.2	0.00	281	78	58	17	0.61	2.22
243	Madurai	Eliyarpathi	9.7969	78.0933	7.84	1796	680	136	83	93	3.4	0.00	390	284	20	174	0.85	1.82
244	Madurai	Valayankulam	9.8042	78.0917	7.63	1009	360	68	46	51	0.72	0.00	207	164	27	84	0.13	0.45

245	Madurai	Surakulam	9.8364	78.0567	7.77	625	160	28	22	60	3.6	0.00	207	68	32	0.18	0.4	0.54
246	Madurai	Nilayur	9.8556	78.0667	7.31	1763	670	88	109	91	4.7	0.00	329	341	53	48	1.04	1.94
247	Madurai	Tirumangalam	9.8239	77.9883	7.28	5960	1720	128	340	511	3.1	0.00	451	1337	295	350	1.35	16.70
248	Madurai	Keelakottai	9.7867	78.0022	8.19	1653	170	20	29	350	0.43	0.00	854	85	37	39	2	12.74
249	Madurai	Avaisuranpatti	9.6417	77.9744	7.57	2810	500	80	73	320	46	0.00	659	370	102	99	0.7	4.00
250	Madurai	Kolluveerampatti	9.7069	77.8856	7.76	2570	720	80	126	284	18	0.00	500	370	245	21	1.54	3.02
251	Madurai	T.Kallupatti	9.7208	77.8556	7.69	1775	390	44	68	234	0.31	0.00	451	263	130	0.35	1.6	1.66
252	Madurai	Periyur	9.7428	77.7922	7.73	899	335	66	41	41	0.87	0.00	268	89	56	46	0.65	0.93
253	Madurai	Sedapatti	9.8244	77.7989	7.49	190	56	14	4.9	9.6	0.33	0.00	61	14	15	0.96	0.33	0.00
254	Madurai	Saptur	9.7628	77.7392	7.58	2310	560	56	102	282	7.1	0.00	610	356	102	72	0.78	0.86
255	Madurai	T.Ramanathapuram	9.8325	77.7167	7.75	1283	380	68	51	113	1.1	0.00	305	213	33	53	2.38	0.51
256	Madurai	T.Krishnapuram	9.8044	77.6689	7.85	1373	520	64	88	103	1.4	0.00	451	178	67	31	1.6	0.76
257	Madurai	Nallathevanpatti OW	9.9366	77.7837	7.65	1685	570	56	105	155	2.2	0.00	378	256	120	36	0.86	4.69
258	Madurai	Thummakundu	9.8739	77.8678	7.99	658	270	40	41	29	3.7	0.00	366	25	5	6.1	0.42	0.58
259	Madurai	Madurai South	9.9083	78.1528	7.77	1677	320	40	54	251	16	0.00	634	156	138	19	1.46	3.06
260	Madurai	M.Puliyankulam	9.8844	78.1825	7.73	3040	520	32	107	415	1.4	0.00	512	555	140	37	0.82	6.65
261	Madurai	Kunnathur	9.8967	78.2553	7.38	2520	740	112	112	174	7.1	0.00	293	512	135	54	1	1.48
262	Madurai	Varichiyur	9.9125	78.2569	7.49	1637	510	64	85	153	5.4	0.00	293	327	70	30	1.2	2.24
263	Madurai	Andarkottaram	9.9086	78.1858	7.97	649	190	36	24	58	2	0.00	268	43	26	24	0.85	0.14
264	Madurai	Melamadai	9.9347	78.1689	7.2	95	24	6.4	1.9	1.5	0.22	0.00	24	5.7	3.5	0.91	0	0.00
265	Madurai	Thirumogur	9.9511	78.2072	7.5	2880	520	80	78	341	53	0.00	378	583	175	62	0.79	7.38
266	Madurai	Thethankulam	9.9772	78.1958	7.64	604	195	34	27	42	2	0.00	226	50	31	17	0.86	1.62
267	Salem	Attayampatti (Sappaiyapuram)	11.5247	78.0706	7.80	999	410	52	68	67	0	0.00	354	121	127	23	0.83	0.80
268	Salem	Attur	11.5981	78.6025	7.60	1347	450	40	85	61	2	0.00	311	174	88	53	0.45	4.57
269	Salem	Ayodhayapattinam	11.6697	78.2389	7.30	3330	940	64	190	175	2	0.00	439	489	266	86	0.66	7.57
270	Salem	CHITTOOR (RLRRR)	11.6481	77.8250	7.40	542	180	28	27	35	4	0.00	37	121	28	14	0.38	3.60
271	Salem	Chittoor	11.6467	77.8236	7.80	1001	380	48	63	30	14	0.00	439	50	59	18	1.54	10.00
272	Salem	Chittoor	11.6472	77.8233	7.50	1159	360	48	58	84	3	0.00	195	128	139	35	1.04	8.00
273	Salem	Chittoor	11.6472	77.8233	7.60	845	310	52	44	37	1	0.00	189	28	152	6	1.48	15.00
274	Salem	Chittoor	11.6436	77.8250	7.80	2700	810	92	141	220	57	0.00	573	248	522	62	1.46	24.00

275	Salem	Dhasanickanpatty	11.6094	76.1453	7.90	2380	640	84	105	225	3	0.00	397	397	224	46	0.89	5.92
276	Salem	Gangavalli	11.4972	78.6458	7.80	1198	510	44	97	41	3	0.00	378	142	141	5	0.58	1.65
277	Salem	Gudamalai	11.4603	78.5908	7.80	1637	570	32	119	115	0	0.00	488	206	132	80	1.13	2.61
278	Salem	Idapadi	11.5853	77.8414	7.70	1638	490	40	95	195	2	0.00	610	128	151	10	1.74	3.44
279	Salem	Jalakandapuram	11.7003	77.8753	7.20	2460	610	32	129	238	43	0.00	732	291	204	30	1.47	35.00
280	Salem	Karumbapatti	11.5822	77.8611	7.70	6000	730	44	151	884	1	0.00	756	1064	474	14	1.88	31.00
281	Salem	Keeripatti	11.5417	78.4917	7.80	1672	600	56	112	90	5	0.00	329	255	133	57	0.62	2.00
282	Salem	Konganapuram	11.5706	77.8989	7.80	1050	360	56	53	40	6	0.00	214	78	125	33	1.54	7.50
283	Salem	Konganapuram	11.5706	77.8992	7.90	2470	560	32	117	268	17	0.00	659	340	201	40	1.40	2.56
284	Salem	Kulathur	11.8350	77.7483	7.70	1273	540	72	87	43	0	0.00	366	113	145	63	0.87	0.00
285	Salem	Kullampatti	11.5706	77.7922	7.90	1621	290	44	44	221	2	0.00	500	106	158	25	1.15	25.50
286	Salem	Mallur	11.5436	78.1422	7.90	2590	610	72	105	164	12	0.00	586	255	105	77	0.71	2.25
287	Salem	Mamundi	11.5022	78.0564	7.80	4170	1105	130	190	318	43	0.00	622	709	228	64	0.21	4.87
288	Salem	Masila palayam	11.8089	77.7889	7.50	721	390	48	66	10	1	0.00	342	71	28	39	1.01	0.00
289	Salem	Mecheri	11.8350	75.8414	7.60	2520	945	36	208	152	7	0.00	500	390	155	62	0.99	1.99
290	Salem	Mettur (Karumalaikoodal)	11.8075	77.8131	7.50	479	260	40	39	59	1	0.00	305	43	63	6	1.41	2.13
291	Salem	Naikarapatty	11.6219	78.1061	7.60	4270	640	48	126	663	3	0.00	854	709	233	22	1.11	6.39
292	Salem	Nangavalli	11.7578	77.8933	7.70	427	150	24	22	31	24	0.00	171	50	19	3	0.51	0.92
293	Salem	Omalur	11.7422	78.0472	7.90	3170	410	48	70	316	10	0.00	525	333	104	78	0.41	1.59
294	Salem	P.G.Palayam	12.5344	79.7558	7.90	1528	140	28	17	150	153	0.00	464	142	90	52	0.42	0.80
295	Salem	P.N. Palayam	11.6456	78.5144	7.70	1947	680	76	119	76	5	0.00	336	376	92	47	0.24	5.75
296	Salem	Panamarathupatti	11.5628	78.1656	7.80	3000	760	56	151	224	4	0.00	573	333	241	64	0.67	0.00
297	Salem	Pincheyai kodu	11.5925	78.1092	7.70	3250	540	48	102	349	5	0.00	512	603	112	60	0.77	2.02
298	Salem	Puthur	11.6264	78.7833	7.60	3660	1160	104	219	172	18	0.00	317	510	626	72	0.57	11.35
299	Salem	Salem	11.6611	78.1664	7.40	4000	910	64	182	436	9	0.00	854	780	164	19	1.41	4.73
300	Salem	Salem Bankhouse	11.6703	78.1564	7.70	1328	510	72	80	76	1	0.00	451	113	82	50	0.62	1.76
301	Salem	SAMUDRAM	11.7472	77.9306	7.60	457	130	20	19	34	0	0.00	134	50	32	3	0.14	1.23
302	Salem	Sendarpatti	11.4381	78.5242	7.40	1060	430	60	68	26	35	0.00	433	85	82	22	0.30	0.57
303	Salem	Sevantampatti	11.5653	78.0886	7.50	6710	1130	124	199	618	21	0.00	427	1340	402	71	0.97	12.60
304	Salem	Sivadapuram	11.6511	78.1097	7.50	3030	630	48	124	317	18	0.00	769	397	160	75	1.27	0.81

305	Salem	Tammampatti	11.4358	78.5042	7.80	1420	480	64	78	101	4	0.00	451	184	93	50	1.33	3.63
306	Salem	Thalaivasal	11.5858	78.7536	7.70	844	280	24	53	53	4	0.00	305	110	32	2	0.50	1.26
307	Salem	Thandavarayapuram	11.5903	78.5558	7.10	3290	930	160	129	188	4	0.00	256	709	189	84	0.53	7.12
308	Salem	Tivettipatti	11.8342	78.0839	7.80	2970	610	48	119	312	1	0.00	677	347	283	68	1.39	1.80
309	Salem	UTHAMASOZHAPURAM	11.6069	78.0933	7.60	5230	840	48	175	616	4	0.00	616	1014	412	48	1.24	3.99
310	Salem	Valappadi	11.6572	78.3953	7.70	1329	480	84	66	77	5	0.00	366	163	91	76	0.29	1.84
311	Salem	Veeraganur	11.4753	78.7361	7.50	449	180	24	29	22	0	0.00	159	50	22	6	0.32	1.38
312	Salem	Veerapandi	11.5736	78.0728	7.50	673	220	44	27	24	1	0.00	146	89	28	9	0.21	0.40
313	Salem	Vennandur	11.5147	78.0917	7.80	1208	360	52	56	110	4	0.00	476	110	86	38	0.69	0.21
314	Salem	Yercaud	11.7742	78.2094	6.90	263	210	16	41	18	6	0.00	12	170	8	22	0.11	0.21
315	Theni	A.Vadipatti pz	10.0958	77.6881	7.61	1009	270	42	40	106	5	0.00	342	103	72	2	0.81	0.95
316	Theni	Andipatti2	9.9958	77.6292	7.90	677	235	30	39	46	3	0.00	183	74	38	50	1.02	2.87
317	Theni	Andipatti-EW	9.9944	77.6236	8.20	1306	300	40	49	161	1	0.00	561	121	24	4	1.68	3.29
318	Theni	Balakombai	9.9036	77.6233	7.73	1250	475	42	90	69	6	0.00	244	170	144	56	1.82	1.48
319	Theni	Chinnamanur pz	9.8472	77.3825	7.18	2600	810	172	92	225	3	0.00	275	496	168	248	0.47	8.95
320	Theni	Cumbum pz	9.7283	77.2783	7.80	130	35	8	4	14	2	0.00	43	14	14	2	0.17	0.13
321	Theni	Devadanapatti	10.1528	77.6583	7.83	1450	410	94	43	143	4	0.00	641	110	34	9	0.59	2.69
322	Theni	Dumbacheri pz	9.9586	77.3911	7.60	2600	730	84	126	258	5	0.00	427	532	96	130	1.58	3.06
323	Theni	Erasakkanaayakanur	9.9250	77.5417	7.80	570	200	44	22	39	4	0.00	73	85	48	59	0.37	0.08
324	Theni	Gandamanur	9.9183	77.5217	7.40	2830	840	84	153	276	9	0.00	409	656	48	184	1.41	7.61
325	Theni	Gandamanur pz	9.9200	77.5150	7.60	2360	660	70	118	230	16	0.00	427	362	144	200	1.30	3.61
326	Theni	Gudalur	9.7000	77.3000	7.70	770	205	22	36	83	0	0.00	281	35	67	37	1.15	2.32
327	Theni	Kadamalai Gundam pz	9.8072	77.5031	7.80	550	160	48	10	51	4	0.00	220	25	29	31	0.49	2.33
328	Theni	Kamayagoundanpatti pz	9.7367	77.3169	7.80	1450	405	80	50	150	2	0.00	458	142	54	130	1.09	3.00
329	Theni	Kodangipatti	9.9917	77.4361	7.93	1566	325	70	36	212	8	0.00	513	138	91	112	0.64	1.16
330	Theni	Kodangipatti pz	9.9917	77.4306	8.00	1413	305	58	39	184	4	0.00	537	124	38	74	1.18	4.51
331	Theni	Koduvilarpatti pz	9.9719	77.4919	7.70	196	55	16	4	18	0	0.00	67	18	19	2	0.37	0.13
332	Theni	Kombai	9.0942	77.2981	7.61	1127	345	58	49	99	3	0.00	397	113	38	51	0.34	1.53
333	Theni	Kottur-EW	9.8958	77.4069	7.60	1152	400	106	33	76	6	0.00	275	142	96	62	0.59	2.37
334	Theni	M.Subbalapuram pz	9.9717	77.5564	7.72	2050	550	200	12	212	5	0.00	397	326	149	99	1.17	1.28

335	Theni	Myladumparai dw	10.0989	77.5717	7.52	1233	355	72	43	117	6	0.00	415	135	38	50	0.84	7.21
336	Theni	Okkaraipatti	9.9625	77.5694	7.58	2630	1040	212	124	138	3	0.00	366	532	154	174	0.99	10.76
337	Theni	Okkaraipatti pz	9.9625	77.5694	7.40	4120	1750	308	238	150	5	0.00	201	1205	149	81	0.70	13.65
338	Theni	Periyakulam	10.1208	77.5500	8.00	250	50	4	10	35	1	0.00	67	18	38	1	0.36	0.40
339	Theni	Periyakulam dw	10.1317	77.5506	7.53	2280	480	68	75	304	5	0.00	531	425	53	62	1.07	0.45
340	Theni	Ramakrishnapuram pz	9.9392	77.3017	7.80	545	200	50	18	35	5	0.00	244	18	29	31	0.98	0.66
341	Theni	Sankarapuram pz	9.9069	77.3297	7.64	2210	540	30	113	260	6	0.00	427	362	192	63	0.98	13.89
342	Theni	Seelayampatti pz	9.8753	77.3911	7.70	1225	360	80	39	126	1	0.00	397	110	48	130	0.70	2.72
343	Theni	Silavarpatti pz	10.1197	77.6269	7.30	5620	2300	432	297	235	5	0.00	366	1333	326	360	0.75	29.80
344	Theni	T.Subbalapuram pz	9.0064	77.6547	7.40	4350	1610	260	233	258	5	0.00	336	993	336	192	1.51	12.12
345	Theni	Thambinaikpatti	9.9164	77.2997	7.65	1140	380	60	56	87	2	0.00	336	106	62	112	0.69	0.50
346	Theni	Theni2	10.0278	77.4750	7.60	150	40	8	5	16	0	0.00	43	18	19	1	0.29	0.02
347	Theni	Thevaram-EW	9.8972	77.3042	7.80	745	250	82	11	58	4	0.00	305	39	34	50	0.49	0.64
348	Theni	U Ammapatti pz	9.8394	77.3447	7.35	1436	480	116	46	115	1	0.00	262	277	48	99	0.32	2.82
349	Theni	Uttamapalayam	9.8083	77.3333	7.91	160	40	10	4	16	4	0.00	43	11	19	13	0.10	0.32
350	Theni	Vadugapatti dw	10.0989	77.5717	7.85	970	335	64	43	69	6	0.00	384	53	43	64	1.07	3.91
351	Theni	Varusandu pz	9.7358	77.5203	7.75	540	200	48	19	32	3	0.00	244	28	34	5	0.71	1.14
352	Theni	Veerapandi	9.9625	77.4500	7.87	890	310	64	36	60	4	0.00	397	28	48	29	0.72	0.72
353	Theni	Veerapandi pz	9.9606	77.4467	7.91	800	300	90	18	46	4	0.00	317	50	34	50	0.61	0.43
354	Thiruvannamalai	Akkur	12.6844	79.6292	7.46	1323	370	80	41	143	3	0.00	171	199	256	56	1.07	1.92
355	Thiruvannamalai	Anandavadi	12.8572	78.6575	7.20	1530	300	24	58	186	2	0.00	634	135	35	20	1.76	7.02
356	Thiruvannamalai	Andampallam OW	12.0989	79.1694	7.46	5390	1240	208	175	522	15	0.00	268	1375	240	15	1.89	0.14
357	Thiruvannamalai	Ariyapadi	12.7125	79.2231	7.51	1447	340	52	51	124	4	0.00	268	184	170	22	0.80	15.48
358	Thiruvannamalai	Avalurpet (Villupuram dt)	12.3589	79.2406	7.20	1878	460	136	29	177	10	0.00	476	252	90	60	0.61	2.89
359	Thiruvannamalai	Bagmarpet	12.5397	79.1522	7.10	925	260	44	36	42	3	0.00	256	78	25	37	0.56	8.13
360	Thiruvannamalai	Chengam	12.2917	78.7917	7.90	1534	390	36	73	107	7	0.00	488	184	6	28	0.88	4.18
361	Thiruvannamalai	Chetpet	12.4617	79.3508	7.10	1796	500	92	66	98	6	0.00	451	255	35	31	0.85	2.00
362	Thiruvannamalai	Chetput	12.4658	79.3497	7.30	1843	500	64	83	112	7	0.00	451	241	92	28	0.57	2.85
363	Thiruvannamalai	Cheyar	12.6658	79.5436	7.50	1260	260	52	32	115	11	0.00	220	216	36	51	0.64	1.61
364	Thiruvannamalai	Eendal	12.4361	79.4181	7.80	692	240	52	27	20	4	0.00	268	35	5	14	0.37	0.00

365	Thiruvannamalai	Kalavai (Vellore dt)	12.7667	79.4125	7.60	2560	750	216	51	76	6	0.00	256	468	36	36	0.19	4.30
366	Thiruvannamalai	Kattampundi OW	12.1267	79.0856	7.43	1736	440	108	41	180	6	0.00	165	323	271	56	1.01	4.17
367	Thiruvannamalai	Kolppalur	12.4550	79.0978	7.30	2780	830	128	124	106	7	0.00	305	461	49	25	0.48	7.83
368	Thiruvannamalai	Kuppam	12.7236	79.1256	7.30	2580	650	132	78	245	5	0.00	488	404	186	111	0.88	6.78
369	Thiruvannamalai	Ladavaram	12.4250	79.1467	7.40	1485	450	108	44	106	3	0.00	165	284	119	53	0.47	4.80
370	Thiruvannamalai	Mecheri (Vellore)	12.8111	79.3972	7.80	1351	460	72	68	86	6	0.00	189	255	115	15	0.54	5.19
371	Thiruvannamalai	Melmakottu Road	12.5947	79.6275	7.40	1416	310	72	32	119	6	0.00	293	199	35	92	0.36	0.96
372	Thiruvannamalai	Melravandavadi	12.2072	78.7036	7.80	1192	560	148	46	8	2	0.00	195	135	118	86	0.28	2.80
373	Thiruvannamalai	Modiaylur	12.5022	79.2253	7.90	839	260	36	41	48	6	0.00	311	57	4	42	1.02	1.11
374	Thiruvannamalai	Mullandram	12.7828	79.2558	7.50	1073	280	68	27	73	3	0.00	207	103	121	39	0.55	2.95
375	Thiruvannamalai	Nedumpirai OW	12.7078	79.5611	7.08	5580	960	184	122	737	19	0.00	207	1418	304	74	1.63	1.77
376	Thiruvannamalai	Nedumpirai OW	12.7078	79.5611	7.08	5580	960	184	122	737	19	0.00	207	1418	304	74	1.63	1.77
377	Thiruvannamalai	Netchnativemalai	12.4439	79.0564	7.90	1122	380	52	61	38	6	0.00	342	113	18	11	1.02	0.88
378	Thiruvannamalai	Pachal	12.2692	78.9436	7.30	2320	620	92	95	154	13	0.00	329	340	144	185	0.60	3.72
379	Thiruvannamalai	Padavedu	12.6583	79.1150	7.50	740	230	44	29	23	7	0.00	250	50	8	26	0.58	0.64
380	Thiruvannamalai	Pennagar (Vellore )	12.8250	79.3917	7.20	3490	930	296	46	337	3	0.00	366	752	119	170	0.48	10.51
381	Thiruvannamalai	Polur	12.4886	79.1244	7.20	1309	350	64	46	74	7	0.00	415	121	40	19	0.36	1.78
382	Thiruvannamalai	Pudupalayam	12.3592	79.6022	7.70	1366	640	40	131	88	2	0.00	549	142	136	43	0.81	3.33
383	Thiruvannamalai	Sathanur	12.2097	79.8878	7.30	1959	600	104	83	98	7	0.00	342	355	40	87	0.59	3.05
384	Thiruvannamalai	Siruvallur	12.4858	78.9881	7.90	760	300	60	36	33	4	0.00	189	71	119	15	0.38	1.41
385	Thiruvannamalai	Thandarampattu	12.1556	78.9433	7.30	1384	420	116	32	25	7	0.00	244	177	41	42	0.37	2.49
386	Thiruvannamalai	Thanipadi	12.1086	79.8356	7.40	2260	610	124	73	110	48	0.00	488	340	40	26	0.35	1.45
387	Thiruvannamalai	Thiruvannamalai	12.2381	79.0725	7.00	1380	300	80	24	95	26	0.00	311	195	32	10	0.47	0.61
388	Thiruvannamalai	Timiri (Vellore)	12.8192	79.3083	7.36	2540	580	120	68	308	4	0.00	342	518	202	84	0.52	7.28
389	Thiruvannamalai	Vandavasi	12.5031	79.6661	7.20	1972	650	160	61	61	7	0.00	195	454	20	34	0.37	3.31
390	Thiruvannamalai	Vandavasi	12.5064	79.6022	8.20	2050	570	112	70	170	32	0.00	403	390	119	56	0.64	2.90
391	Thiruvannamalai	Venmani	12.5094	79.1467	8.00	5400	910	56	187	393	142	0.00	744	872	261	16	0.51	7.16
392	Tirunelveli	Abishekapatti	8.7625	77.6403	7.47	1626	490	96	61	120	47	0.00	305	340	16	13	0.66	1.32
393	Tirunelveli	Alangulam	8.9000	77.4750	7.71	1279	410	80	51	85	16	0.00	378	184	43	42	0.27	1.35
394	Tirunelveli	Alangulam	8.9150	77.4750	7.70	873	330	60	44	72	6	0.00	293	128	40	11	0.46	0.44

395	Tirunelveli	Alwarkurichi	8.7917	77.4333	7.59	1444	410	84	49	109	55	0.00	549	142	36	48	0.60	1.08
396	Tirunelveli	Ambasamudram	8.7194	77.4361	7.00	749	200	40	24	97	31	0.00	378	64	18	41	0.45	0.72
397	Tirunelveli	Ambasamudram	8.7194	77.4361	7.60	402	150	40	12	24	3	0.00	159	21	40	22	0.37	0.00
398	Tirunelveli	Cheranmadevi	8.8278	77.5750	7.30	1920	670	88	109	176	4	0.00	366	397	133	81	0.87	2.99
399	Tirunelveli	Chettikulam	8.1667	77.6167	7.20	4850	1230	284	126	422	19	0.00	220	1014	282	74	1.58	9.78
400	Tirunelveli	Chintamani	9.1667	77.4000	7.74	2680	750	172	78	286	62	0.00	805	369	132	68	0.46	5.81
401	Tirunelveli	Idaikkal	8.5333	77.4653	7.54	951	350	80	36	53	7	0.00	366	106	22	31	0.34	0.00
402	Tirunelveli	Iyan Singampatty (Vairavikulam) OW	8.6708	77.4456	7.50	296	100	16	15	14	3	0.00	67	43	5	11	0.55	BDL
403	Tirunelveli	Kadayam	8.8333	77.4083	7.70	1344	440	136	24	53	24	0.00	262	170	138	47	0.66	0.56
404	Tirunelveli	Kadayanallur	9.0667	77.3458	7.16	3220	1130	272	109	132	28	0.00	390	723	91	86	0.49	4.47
405	Tirunelveli	Kadayanallur	9.0667	77.3458	7.40	3520	660	116	90	356	30	0.00	427	603	307	80	1.41	3.47
406	Tirunelveli	Kalakadu	8.4972	77.5986	7.50	1028	380	84	41	44	8	0.00	189	142	93	42	1.21	5.38
407	Tirunelveli	Kalakkadu	8.5125	77.5417	7.72	418	210	20	39	10	34	0.00	244	50	6	11	0.15	0.00
408	Tirunelveli	Kilpaur/ Panachattiram	8.9167	77.3833	7.60	1355	560	88	83	33	4	0.00	250	234	116	48	0.80	1.51
409	Tirunelveli	Manur	8.8625	77.6528	7.56	1760	420	64	63	177	6	0.00	378	298	43	16	1.31	1.96
410	Tirunelveli	Marudakulam	8.5833	77.7153	7.60	419	160	56	5	14	4	0.00	134	43	9	10	0.43	BDL
411	Tirunelveli	Mayaneri (Karuppukatti) OW	8.5711	77.7011	7.40	488	240	44	32	20	1	0.00	281	21	6	7	0.98	1.34
412	Tirunelveli	Molaikkaraipatti	8.3167	77.5792	7.60	1306	430	120	32	76	3	0.00	299	163	115	54	0.66	1.98
413	Tirunelveli	Mukkudal	8.7347	77.5208	7.80	3020	390	44	68	475	7	0.00	732	397	230	63	1.50	4.67
414	Tirunelveli	Mullikulam	9.4986	77.7000	7.48	2450	560	104	73	157	50	0.00	549	355	52	46	0.62	2.40
415	Tirunelveli	Muthumottamozhi OW	8.3086	77.8603	7.20	335	155	32	18	5	3	0.00	146	14	9	7	1.15	BDL
416	Tirunelveli	N.Vijayanarayanam	8.5333	77.7917	7.50	1191	280	68	27	113	10	0.00	287	142	116	44	0.79	2.17
417	Tirunelveli	Naduvapatty (Tenkasi Dt)	9.2417	77.8014	7.59	1060	405	80	50	31	50	0.00	207	142	82	35	0.20	0.78
418	Tirunelveli	Nanguneri	8.3167	77.5792	7.84	860	230	52	24	74	13	0.00	317	78	28	12	0.92	0.45
419	Tirunelveli	Nanguneri	8.4917	77.7042	7.80	1698	280	36	46	251	2	0.00	403	298	115	5	1.05	0.23
420	Tirunelveli	NGO colony	8.6911	77.7383	7.70	1362	300	36	51	175	7	0.00	256	227	133	10	0.70	0.43
421	Tirunelveli	P.chatram	9.1183	77.6125	7.64	1233	380	72	49	52	8	0.00	256	156	28	81	0.12	1.92
422	Tirunelveli	Palayamkottai	8.7333	77.7333	7.50	245	110	16	17	5	7	0.00	85	14	28	16	0.10	0.13
423	Tirunelveli	Panpoli	9.0167	77.2528	7.60	1261	360	40	63	125	39	0.00	342	121	138	43	0.91	1.37
424	Tirunelveli	Papanasam	8.7111	77.3681	7.40	575	170	40	17	45	46	0.00	226	78	2	38	0.54	0.00



425	Tirunelveli	Poothathan kudieruppu	8.5783	77.5603	7.75	2830	710	148	83	295	24	0.00	586	447	133	103	0.66	6.23
426	Tirunelveli	Puliyankudi OW	9.1817	77.4389	7.60	1447	400	92	41	135	13	0.00	232	213	187	15	1.46	1.82
427	Tirunelveli	R.pattinam	8.9256	77.3542	7.67	1630	470	84	63	72	51	0.00	488	199	10	28	0.54	0.62
428	Tirunelveli	Radhapuram	8.2667	77.6847	7.61	460	190	32	27	8	12	0.00	177	43	4	27	0.50	0.00
429	Tirunelveli	Rajapathi OW	8.8517	77.7694	7.30	1510	510	108	58	78	15	0.00	268	255	129	55	0.68	0.91
430	Tirunelveli	Ramakrishnapuram OW	8.4847	77.7964	7.30	1403	490	132	39	73	17	0.00	220	248	146	55	1.19	2.54
431	Tirunelveli	Sankarankoil	9.2083	77.5583	7.34	1218	380	84	41	86	7	0.00	305	149	87	35	0.66	0.00
432	Tirunelveli	Sankarankoil	9.2083	77.5583	7.40	1608	540	100	70	90	3	0.00	311	255	135	68	0.72	2.04
433	Tirunelveli	Shencottai	8.9722	77.2528	7.49	554	140	36	12	58	12	0.00	183	74	20	29	0.51	0.00
434	Tirunelveli	Sivagiri	9.3403	77.4278	7.55	2340	300	52	41	200	187	0.00	573	220	126	167	1.26	1.16
435	Tirunelveli	Sivagiri OW	9.3400	77.4383	7.90	1478	610	84	97	109	17	0.00	598	156	145	31	1.51	2.14
436	Tirunelveli	Sivalarkulam OW	8.8692	77.5292	7.40	4260	1310	164	219	304	24	0.00	281	978	315	119	0.91	12.50
437	Tirunelveli	Tachchnallur	8.7458	77.7000	7.60	5700	1720	344	209	449	24	0.00	805	1227	240	92	1.75	18.42
438	Tirunelveli	Taruvai (Thidiyur)	8.6667	77.6806	7.60	1152	320	60	41	153	6	0.00	586	43	139	9	1.40	3.90
439	Tirunelveli	Tenkasi	9.0317	77.2717	7.80	801	290	68	29	56	1	0.00	250	57	130	41	0.95	0.21
440	Tirunelveli	Tenkasi OW	8.9631	77.3114	7.70	1069	420	80	53	59	20	0.00	232	128	113	107	0.82	0.36
441	Tirunelveli	Therkuvalliyur OW	8.3331	77.6239	7.40	3200	700	124	95	319	13	0.00	329	645	287	41	1.34	3.24
442	Tirunelveli	Thiraviyarnagar	8.8769	77.3458	7.83	647	270	76	19	4	5	0.00	311	21	4	26	1.64	0.00
443	Tirunelveli	Tirunelveli	8.7056	77.7222	7.70	1068	360	64	49	55	12	0.00	317	138	47	22	1.47	1.45
444	Tirunelveli	Tiruvembalapuram	8.2542	77.7583	7.30	3580	910	148	131	269	12	0.00	281	723	200	21	1.02	11.19
445	Tirunelveli	Udayattur A/B OW	8.2325	77.7206	7.80	2360	610	116	78	204	10	0.00	305	503	147	13	1.54	2.41
446	Tirunelveli	Uvari	8.2867	77.8939	7.67	978	230	52	24	51	70	0.00	281	99	18	27	0.41	BDL
447	Tirunelveli	Valliyoore	8.3556	77.6583	7.92	933	260	40	39	68	27	0.00	232	106	36	56	0.46	1.43
448	Tirunelveli	Valliyur	8.3861	77.6167	7.30	2760	600	144	58	261	13	0.00	256	319	462	53	0.58	6.03
449	Tirunelveli	Vannikonendal	8.6611	77.6250	7.43	2950	790	120	119	223	13	0.00	329	362	312	122	0.90	4.89
450	Tirunelveli	Vasudevanallur	9.2417	77.4083	8.03	908	270	64	27	59	8	0.00	372	50	42	18	1.54	1.17
451	Tirunelveli	Vasudevanallur	9.2417	77.4083	7.60	1509	390	60	58	132	26	0.00	439	163	54	13	1.27	2.74
452	Tirunelveli	Virasikhamani OW	9.0919	77.4447	7.50	2280	630	88	100	179	2	0.00	317	404	191	111	0.68	4.18
453	Tiruvallur	Agoor(Pz)	13.1885	79.5831	7.55	2310	550	120	61	223	114	0.00	519	426	85	102	0.82	28.46
454	Tiruvallur	Almati	13.2063	80.1149	7.12	1213	210	24	36	167	2	0.00	390	153	61	0	0.82	6.68

455	Tiruvallur	Ambattur	13.1066	80.1556	7.09	2060	510	148	34	215	8	0.00	549	256	107	70	0.90	6.50
456	Tiruvallur	Andersonpet	13.0778	80.0259	7.55	449	150	44	10	32	3	0.00	110	92	14	3	0.69	0.17
457	Tiruvallur	Annur	13.1104	80.1211	7.21	1956	600	100	85	139	42	0.00	635	284	20	55	0.70	7.91
458	Tiruvallur	Arani	13.3288	80.0766	7.31	1170	210	28	34	161	3	0.00	433	142	27	8	0.83	9.92
459	Tiruvallur	Attipattu	13.2608	80.2861	7.24	3450	900	216	88	361	14	0.00	348	859	198	3	0.46	3.60
460	Tiruvallur	Balapuram (OW)	13.1531	79.3828	7.28	1470	570	124	63	73	3	0.00	354	227	32	119	0.74	4.39
461	Tiruvallur	Chinnambedu (OW)	13.3158	80.1469	7.27	1980	395	64	57	254	9	0.00	354	433	65	7	0.84	31.75
462	Tiruvallur	Elavur	13.4649	80.1121	7.31	939	320	72	34	69	9	0.00	159	199	42	12	0.25	0.03
463	Tiruvallur	Enambakkam (OW)	13.2867	80.0000	7.12	890	230	46	28	91	1	0.00	220	167	33	0	1.09	10.93
464	Tiruvallur	Ennur Talaikuppam	13.2276	80.3255	7.60	1354	120	36	7	245	7	0.00	67	426	9	1	0.11	0.50
465	Tiruvallur	Goonipalayam (OW)	13.2792	79.8507	7.38	262	140	16	24	7	1	0.00	61	64	6	4	0.72	0.02
466	Tiruvallur	Gummidipoondi	13.4156	80.1300	7.62	1409	440	56	73	96	34	0.00	238	199	182	39	0.71	1.64
467	Tiruvallur	Kadapakkam	13.3792	80.2924	7.40	5760	720	104	112	896	145	0.00	506	1448	383	5	0.91	1.71
468	Tiruvallur	Kadavur	13.1793	80.0643	6.87	1264	280	64	29	154	1	0.00	311	188	96	2	0.54	1.83
469	Tiruvallur	Kallikuppam	13.1353	80.1760	7.35	2620	740	160	83	227	2	0.00	586	362	263	2	1.42	10.89
470	Tiruvallur	Kottaiyur (OW)	13.0009	79.8662	7.24	1023	450	96	51	32	4	0.00	305	156	21	21	0.82	8.58
471	Tiruvallur	Kovilpathagai	13.1449	80.1042	7.36	894	230	64	17	84	9	0.00	122	195	22	45	0.44	0.21
472	Tiruvallur	Krishnasamudram (OW)	13.3345	79.4399	7.47	2420	640	124	80	199	85	0.00	689	362	74	37	0.79	39.00
473	Tiruvallur	Madam(Pz)	13.1726	79.6129	7.25	2230	610	128	71	217	2	0.00	366	511	44	37	0.87	19.94
474	Tiruvallur	Meppuru	13.0293	80.0798	6.98	1553	390	120	22	184	12	0.00	360	234	98	72	0.88	4.93
475	Tiruvallur	Mettukandigai	13.0957	79.9916	7.16	3020	1000	248	92	224	8	0.00	336	696	204	11	1.31	0.70
476	Tiruvallur	Minjur	13.2705	80.2631	7.23	3120	960	248	83	270	1	0.00	262	880	51	5	0.57	1.12
477	Tiruvallur	Nandiambakkam	13.2714	80.2780	7.40	3760	1100	248	117	357	10	0.00	397	973	121	6	0.26	1.16
478	Tiruvallur	Nedambaram (OW)	13.2200	79.7304	7.62	1022	270	60	29	104	1	0.00	336	149	34	4	0.95	79.40
479	Tiruvallur	Padianallur	13.2046	80.1753	6.92	877	250	48	32	81	2	0.00	250	135	30	19	1.02	3.47
480	Tiruvallur	Padirivedu (OW)	13.4500	80.0100	7.86	647	200	32	29	57	7	0.00	79	99	127	30	0.57	0.03
481	Tiruvallur	Palavakkam	13.3169	79.9625	7.21	1039	210	40	27	120	34	0.00	342	124	24	51	0.75	6.11
482	Tiruvallur	Panapakkam (OW)	13.2921	80.0555	7.16	698	175	50	12	80	1	0.00	201	110	34	1	0.75	3.33
483	Tiruvallur	Pattabiram	13.1197	80.0704	7.63	1701	410	72	56	197	10	0.00	238	241	305	28	1.10	3.31
484	Tiruvallur	Periyapalayam	13.3084	80.0461	7.20	843	160	36	17	120	5	0.00	268	107	31	33	0.86	12.94

485	Tiruvallur	Placepalayam (OW)	13.2783	79.7705	7.04	1186	320	30	60	120	5	0.00	378	149	34	47	1.02	10.93
486	Tiruvallur	Ponneri	13.3225	80.1837	7.59	810	240	52	27	80	1	0.00	262	135	12	11	0.88	2.84
487	Tiruvallur	Poonamalle	13.0485	80.1021	7.00	1640	450	112	41	171	9	0.00	354	327	77	7	0.84	0.74
488	Tiruvallur	Poonimangadu (Pz)	13.2653	79.6403	7.66	1378	380	104	29	126	9	0.00	403	192	51	17	1.18	5.23
489	Tiruvallur	Pulicat	13.4166	80.3137	7.29	1496	340	76	36	175	1	0.00	378	270	46	3	0.66	7.78
490	Tiruvallur	Puzhal	13.1570	80.2047	7.10	645	160	34	18	72	1	0.00	98	128	42	9	1.34	0.08
491	Tiruvallur	Red hills	13.1886	80.1883	7.20	534	160	36	17	44	15	0.00	146	103	18	3	0.69	0.03
492	Tiruvallur	Sangaibedu	13.3258	80.2977	7.39	831	300	64	34	58	1	0.00	214	163	16	2	0.58	2.79
493	Tiruvallur	Sholavaram	13.2311	80.1691	7.12	1338	225	28	38	200	1	0.00	476	178	24	4	1.21	8.37
494	Tiruvallur	Tirumazhisai	13.0588	80.0524	7.45	972	280	52	36	96	4	0.00	329	142	14	6	1.14	0.43
495	Tiruvallur	Tiruninravur	13.1250	80.0323	6.95	2740	870	244	63	208	13	0.00	354	604	189	71	1.08	12.49
496	Tiruvallur	Tirupalavanam	13.4025	80.2488	7.60	2390	560	128	58	286	2	0.00	384	504	137	2	0.93	11.20
497	Tiruvallur	Tiruttani	13.1813	79.6118	7.60	1388	450	60	73	113	3	0.00	348	249	29	44	1.11	4.79
498	Tiruvallur	Tiruttani (Pz)	13.1751	79.6131	7.70	1383	360	68	46	145	1	0.00	390	206	25	49	0.97	10.55
499	Tiruvallur	Tiruvalangadu	13.1313	79.7794	7.67	1371	370	88	36	154	4	0.00	445	178	39	75	0.96	3.86
500	Tiruvallur	Tiruvallur	13.1357	79.9090	7.31	2410	630	100	92	260	2	0.00	488	476	103	2	1.20	5.20
501	Tiruvallur	Tiruvellavoyal	13.3313	80.2848	7.44	1658	400	76	51	156	72	0.00	299	341	41	50	0.43	0.81
502	Tiruvallur	Tiruverkadu	13.0670	80.1366	7.10	1741	480	132	36	163	7	0.00	415	263	127	21	0.79	2.82
503	Tiruvallur	Uthukottai	13.3362	79.9086	7.10	1141	250	50	30	141	8	0.00	323	178	36	30	0.85	6.60
504	Tiruvallur	Valasai Vettikadu (OW)	13.0351	79.9283	7.62	420	220	24	39	2	4	0.00	110	78	6	19	0.53	0.00
505	Tiruvallur	Veerapuram	13.1836	80.0899	7.08	549	230	42	30	30	2	0.00	116	114	9	41	0.83	0.00
506	Tiruvallur	Veeraraghavapuram	13.0776	80.1111	7.26	1323	350	108	19	129	1	0.00	232	213	157	8	0.64	0.68
507	Tiruvallur	Vellanur	13.1582	80.1021	7.42	421	90	28	5	58	4	0.00	92	85	17	19	0.42	0.08
508	Tiruvallur	Velliagram (OW)	13.3276	79.4229	7.31	1436	530	96	71	92	2	0.00	415	241	22	44	0.94	18.87
509	Tiruvallur	Vengal	13.2484	80.0166	7.28	528	165	38	17	47	4	0.00	165	82	20	1	0.77	0.91
510	Tiruvallur	Voyalur	13.3092	80.2750	7.30	1215	270	72	22	130	27	0.00	195	277	19	13	0.55	0.45
511	Tuticorin	Devachayalpuram	8.7344	77.9194	7.50	1387	450	100	49	60	11	0.00	232	184	80	137	0.66	1.17
512	Tuticorin	Eppodumvenran	9.0292	78.0458	7.70	4160	1005	112	176	375	101	0.00	738	440	452	153	0.71	4.57
513	Tuticorin	Ettayapuram	9.2178	77.9833	7.30	4350	1060	248	107	315	172	0.00	244	581	670	114	1.10	15.70
514	Tuticorin	Kadambur	11.9000	79.0500	7.00	340	100	20	12	15	2	0.00	98	21	11	28	0.37	1.20

515	Tuticorin	Kallurani	9.1431	77.7719	7.60	523	220	52	22	5	1	0.00	244	14	5	19	0.47	BDL
516	Tuticorin	Kalugumalai	9.1444	77.7056	7.60	773	190	52	15	78	1	0.00	195	78	30	42	0.44	1.06
517	Tuticorin	Kalugumalai	9.1486	77.7167	7.80	1158	340	72	39	112	30	0.00	439	99	118	32	0.28	3.50
518	Tuticorin	Karisalkulam	9.1500	78.1667	7.80	1828	270	36	44	310	8	0.00	537	213	131	25	1.55	3.96
519	Tuticorin	Kayattar	8.9444	77.7750	7.30	1550	405	36	77	140	12	0.00	366	227	131	28	1.16	1.40
520	Tuticorin	Kovilpatti	9.1667	77.8750	7.50	873	320	32	58	3	1	0.00	250	64	46	16	0.72	0.11
521	Tuticorin	Kulasekharaptnm	8.4000	78.5181	7.70	1400	390	88	41	81	66	0.00	421	85	148	93	0.50	2.33
522	Tuticorin	Kurukkuchali	8.9306	78.0917	7.10	8440	2180	604	163	752	17	0.00	921	1468	531	116	1.19	125.00
523	Tuticorin	Maniyachi	8.8333	77.8958	7.00	835	230	48	27	56	57	0.00	342	43	35	15	0.40	0.78
524	Tuticorin	Maniyatchi	8.8667	77.9000	7.60	8960	1680	192	292	1328	21	0.00	390	993	2950	40	1.15	53.00
525	Tuticorin	Mettupanaiyur	9.1983	78.2522	7.50	794	160	32	19	133	3	0.00	305	71	67	19	0.94	0.77
526	Tuticorin	Mukkani	8.6342	78.0736	7.30	820	240	60	22	77	7	0.00	317	64	39	34	0.30	2.60
527	Tuticorin	Nagalapuram	9.2333	78.1306	7.50	1181	240	80	10	124	26	0.00	238	170	59	50	0.70	1.98
528	Tuticorin	Nallatinpudur	9.1583	77.8417	7.20	2840	990	204	117	88	13	0.00	342	581	94	35	0.41	26.20
529	Tuticorin	Nazareth (Muthalaimozhi)	8.4375	77.9736	7.70	550	190	52	15	16	7	0.00	195	43	4	28	0.20	0.64
530	Tuticorin	Petmanagar	8.6500	77.9500	7.50	3820	1190	192	173	163	52	0.00	268	837	113	117	0.54	12.20
531	Tuticorin	Peyaikulam (Srivenkatesapuram)	8.5181	77.8556	7.70	773	240	72	15	37	7	0.00	122	99	94	27	0.44	0.31
532	Tuticorin	Pudur	9.3128	78.1361	8.20	2720	100	16	15	534	13	0.00	1025	85	188	136	1.74	31.00
533	Tuticorin	Saidunganallur	8.4958	77.8333	7.50	800	255	64	23	32	12	0.00	244	64	39	26	0.30	2.48
534	Tuticorin	Sathankulam	8.4333	77.9028	7.60	1066	170	44	15	162	8	0.00	146	248	41	29	0.49	0.75
535	Tuticorin	Sattankulam-n	8.4444	77.9000	7.60	1930	500	152	29	181	18	0.00	390	326	40	84	0.47	10.32
536	Tuticorin	Srivaikundam	8.6250	77.9083	8.00	1079	290	64	32	139	5	0.00	476	92	90	31	1.26	2.76
537	Tuticorin	Thailapuram	8.6083	77.8500	7.40	2350	750	168	80	91	16	0.00	232	418	113	143	0.40	11.58
538	Tuticorin	Tiruchendur-e	8.4944	79.2000	7.60	3580	510	96	66	376	189	0.00	439	546	245	151	0.18	22.60
539	Tuticorin	Tiruchendur-w	8.4958	78.1208	7.80	1435	320	68	36	155	21	0.00	354	241	12	23	0.23	1.92
540	Tuticorin	Tuticorin	8.8083	78.1389	7.50	10360	1020	128	170	1829	32	0.00	756	2297	650	48	1.43	41.80
541	Tuticorin	Udangudi	8.4342	78.2347	7.40	4390	1110	264	109	310	22	0.00	220	1035	46	98	0.18	29.70
542	Tuticorin	Vembur	9.3250	78.0792	7.80	1600	640	148	66	30	17	0.00	336	184	64	93	0.40	7.10
543	Tuticorin	Villiseri	9.0583	77.8500	7.40	7520	3105	376	526	420	38	0.00	329	794	2160	52	1.52	9.00
544	Vellore	Abdullapuram	12.9133	79.0856	8.21	1802	540	36	109	136	14	0.00	393	254	98	34	1.66	9.22

545	Vellore	Abdullapuram	12.9136	79.0847	8.32	1271	435	90	51	92	8	12.00	311	213	58	31	0.71	1.33
546	Vellore	Alangayam	12.6244	78.7528	8.29	2340	530	72	85	72	21	0.00	385	290	10	53	0.80	2.15
547	Vellore	Alankuppam	12.7542	78.6975	8.03	2070	485	92	62	241	32	0.00	278	510	45	46	1.42	3.94
548	Vellore	Ambur	12.7853	78.7067	7.84	4990	1350	408	80	522	8	0.00	460	1367	162	18	0.27	26.70
549	Vellore	Avarakarai	12.9433	79.2869	7.87	3255	680	168	63	350	2	0.00	439	696	56	16	0.65	19.60
550	Vellore	Banavaram	13.0147	79.4878	8.21	1110	135	32	13	176	10	0.00	366	145	34	6	0.47	3.50
551	Vellore	Bommikuppam	12.4608	78.6231	8.46	1563	550	46	106	110	3	18.00	488	248	29	25	0.12	2.90
552	Vellore	Chinnakallupalli	12.6350	78.6039	8.48	1192	630	92	97	29	19	30.00	370	285	40	9	0.51	1.49
553	Vellore	Chinnapallikuppam	12.7653	78.8386	8.44	1187	400	120	24	83	8	24.00	305	216	24	19	0.15	5.75
554	Vellore	Devadanam	12.9094	79.3617	7.93	1865	660	78	113	115	5	0.00	323	362	96	45	0.82	7.00
555	Vellore	Indiranagar	12.5458	78.5761	8.51	2340	530	72	85	72	21	18.00	360	290	10	53	0.80	3.67
556	Vellore	Jaffrapet OW	12.9597	79.1125	8.11	2448	350	40	61	428	8	0.00	360	280	557	40	0.40	3.60
557	Vellore	Kandili	12.4797	78.4514	7.30	3170	730	124	102	368	1	0.00	366	560	288	82	1.53	11.10
558	Vellore	Kariyakudal	12.9897	79.6178	7.29	3060	790	192	75	233	5	0.00	303	710	108	42	1.56	6.00
559	Vellore	Karkur OW	12.8747	78.7597	8.37	776	250	40	36	51	23	30.00	293	71	44	20	0.66	11.19
560	Vellore	Katpadi	12.9750	79.1208	8.15	1352	500	34	101	78	8	0.00	427	220	7	19	0.22	12.60
561	Vellore	Kavalur	12.5775	78.8119	8.47	1123	135	32	13	189	10	30.00	366	145	34	6	1.12	1.65
562	Vellore	Kesavapuram	12.8525	79.1097	7.40	4480	930	84	175	548	1	0.00	561	737	435	68	1.41	16.00
563	Vellore	Nellurpettai	12.9444	78.8439	8.20	825	280	84	17	62	10	0.00	64	142	148	11	0.32	8.60
564	Vellore	Odugathur	12.7725	78.8789	8.21	1715	415	64	62	184	5	0.00	622	225	43	19	0.82	3.98
565	Vellore	Pallikonda	12.9014	78.9456	8.41	934	310	72	32	71	12	24.00	232	154	28	30	0.62	2.25
566	Vellore	Pallikonda	12.9042	78.9417	8.25	1612	490	88	66	170	3	0.00	586	263	43	23	0.33	6.80
567	Vellore	PALUR	12.8544	78.8625	8.47	2590	370	124	15	426	10	18.00	451	337	320	111	0.73	4.19
568	Vellore	Pasalikuttai	12.4558	78.5867	8.47	1456	670	188	49	73	3	20.00	293	179	75	235	0.31	0.52
569	Vellore	Perambattu	12.9431	78.7233	8.19	2880	630	92	97	294	17	0.00	495	517	96	42	1.74	5.46
570	Vellore	Pernambattu	12.3792	78.8472	7.99	3210	1210	188	180	186	5	0.00	403	657	250	105	1.78	31.00
571	Vellore	Ponnai	13.1292	79.2542	7.82	2340	530	72	85	72	21	0.00	415	280	10	43	0.80	6.84
572	Vellore	Ranipet	12.9286	79.3325	7.84	1450	375	60	55	159	16	0.00	378	252	55	37	1.50	11.20
573	Vellore	Ranipet	12.9303	79.3392	7.99	7020	2350	500	268	575	10	0.00	683	1864	380	21	0.77	16.55
574	Vellore	Sangilikuppam	12.7189	78.6619	8.01	5650	1300	128	238	718	7	0.00	488	1602	130	74	0.41	16.00

575	Vellore	Sennarayanapalle	12.9578	78.9103	8.18	914	255	80	13	85	16	0.00	210	192	18	55	0.70	21.30
576	Vellore	Thottalam	12.8622	78.8347	8.45	740	230	52	24	62	4	18.00	158	149	12	24	1.01	0.59
577	Vellore	Vaniyambadi	12.6831	78.6250	8.25	2780	750	184	71	245	3	0.00	321	604	120	210	0.84	2.40
578	Vellore	Vellakottai	12.6517	78.0775	8.52	2710	560	172	32	368	12	12.00	305	780	29	12	0.42	1.82
579	Vellore	Veppaneri	12.9569	78.9956	7.86	2825	630	92	97	294	17	0.00	495	517	96	42	0.53	16.00
580	Vellore	Virupatchipuram	12.8881	79.1375	7.92	1362	240	68	17	206	9	0.00	423	195	18	97	1.87	3.28
581	Vellore	Visharm	12.9144	79.2819	8.19	525	185	32	26	35	8	0.00	183	35	38	31	0.52	1.12
582	Villupuram	Brahmadesam	12.1170	79.4805	7.45	3720	1050	300	73	244	4	0.00	354	768	212	133	0.05	4.50
583	Villupuram	Kiliyanur	12.1042	79.7417	8.15	818	325	66	39	46	2	0.00	329	89	35	7	0.00	0.44
584	Villupuram	Kunimedu	12.0917	79.9000	7.86	1878	220	28	36	317	26	0.00	207	341	274	2	0.19	0.21
585	Villupuram	Marakkanam	12.2083	79.9583	6.19	643	200	72	5	46	8	0.00	250	57	23	0	0.00	0.40
586	Villupuram	Nallavurpudur	12.1344	79.7600	8.04	2210	660	120	88	175	1	0.00	451	412	69	8	0.21	3.23
587	Villupuram	Tiruchittrambalam	11.9917	79.7833	7.80	1448	510	88	70	102	4	0.00	537	121	101	4	0.18	2.26
588	Villupuram	Tiruvadana	9.7832	78.9182	7.75	575	210	60	15	24	2	0.00	268	36	10	4	0.00	0.33
589	Virudhunagar	Alangulam	9.3639	77.6861	7.50	4020	660	88	107	720	42	0.00	598	631	579	102	1.31	8.92
590	Virudhunagar	Ammayappapuram	9.4400	77.5369	7.50	2860	820	128	122	329	23	0.00	329	709	120	36	0.80	4.47
591	Virudhunagar	Anaiyur	9.4464	77.7667	8.20	602	240	76	12	12	4	0.00	134	78	22	42	0.29	0.52
592	Virudhunagar	Aruppukottai-w	9.5125	78.0958	7.57	3260	680	72	122	305	14	0.00	549	610	118	60	1.37	4.48
593	Virudhunagar	Aviyur	9.7389	78.1008	7.77	2240	520	104	63	179	7	0.00	403	333	120	92	1.40	3.02
594	Virudhunagar	Ayyanarkoil	10.7008	77.4542	7.63	147	70	12	10	12	1	0.00	73	21	2	12	0.40	0.00
595	Virudhunagar	Cholapuram	9.3833	77.5583	7.42	5160	1280	244	163	687	40	0.00	256	1276	500	60	1.15	18.34
596	Virudhunagar	Devadanam	9.3833	77.4656	7.60	2320	580	56	107	204	57	0.00	598	255	101	168	0.92	2.85
597	Virudhunagar	Erichinatham	9.6308	77.8167	7.69	579	230	48	27	11	7	0.00	183	28	12	44	0.71	0.90
598	Virudhunagar	Kalloorani	9.4639	78.1650	7.10	6150	1460	396	114	643	25	0.00	677	1184	360	64	1.12	17.20
599	Virudhunagar	Kanjannaickenpatti	9.7183	78.1131	7.60	1126	430	88	51	75	6	0.00	317	177	48	53	1.11	1.45
600	Virudhunagar	Kariyapatti	9.6694	78.1083	7.40	2590	810	136	114	112	11	0.00	342	503	100	50	0.64	14.98
601	Virudhunagar	Mudukkankulam	9.6619	78.2058	7.70	336	100	16	15	27	3	0.00	122	21	26	12	1.10	0.33
602	Virudhunagar	Mullikulam (Mallikulam)	9.4986	77.7000	7.90	405	180	32	24	10	4	0.00	140	21	40	16	0.52	0.40
603	Virudhunagar	Muntalapuram	9.5256	77.8894	7.50	2780	910	104	158	310	16	0.00	403	362	511	92	1.34	14.40

604	Virudhunagar	Nathampatti OW	9.6042	77.7486	8.10	1026	250	40	36	172	2	0.00	598	28	119	10	1.15	4.66
605	Virudhunagar	Nenmeni	9.3250	78.0083	7.46	19600	2450	340	389	3075	21	0.00	671	3616	4150	30	1.35	83.00
606	Virudhunagar	Palavanatham	9.5667	78.0750	7.70	2450	990	156	146	252	7	0.00	378	560	245	80	0.51	6.38
607	Virudhunagar	Palavanattam	9.5542	78.0083	7.40	1000	330	76	34	70	19	0.00	415	78	80	25	0.34	0.80
608	Virudhunagar	Pattampudur OW	9.4914	77.9336	8.20	1185	260	64	24	112	3	0.00	390	57	113	10	1.80	8.63
609	Virudhunagar	Rajapalayam	9.4625	77.5417	7.20	2880	680	124	90	270	7	0.00	366	532	216	79	1.03	3.55
610	Virudhunagar	Sevalpatti	9.5583	77.9583	7.70	940	390	72	51	103	12	0.00	281	128	112	54	0.67	1.35
611	Virudhunagar	Sivakasi	9.4500	77.7917	7.30	1872	540	108	66	150	10	0.00	311	425	63	47	0.43	2.55
612	Virudhunagar	Srivilliputhur	9.5000	77.6333	7.61	2290	490	84	68	190	5	0.00	317	461	63	23	0.65	0.61
613	Virudhunagar	Srivilliputhur	9.4992	77.6267	7.90	726	340	52	51	22	22	0.00	342	57	49	20	0.35	0.65
614	Virudhunagar	Sundarapandiyam	9.6083	77.6667	7.80	735	230	36	34	84	4	0.00	342	78	44	23	0.73	0.79
615	Virudhunagar	Tamilpadi	9.5111	78.1972	7.90	2090	370	68	49	240	28	0.00	781	177	63	34	1.88	3.58
616	Virudhunagar	Vadapatti	9.5108	77.7550	7.70	2620	600	76	100	250	5	0.00	464	291	333	34	1.76	11.54
617	Virudhunagar	Vembakottai	9.3333	77.7667	7.70	3510	840	60	168	374	21	0.00	695	503	139	120	1.88	24.13
618	Virudhunagar	Vilampatti	9.4169	77.7506	7.60	643	300	48	44	17	6	0.00	256	43	18	36	0.72	0.56
619	Virudhunagar	Virudunagar	9.5833	77.9542	7.40	4710	720	84	124	580	5	0.00	561	737	321	42	1.41	7.81
620	Virudhunagar	Watrap	9.6303	77.6417	7.80	473	160	24	24	22	2	0.00	195	21	16	22	1.17	0.36

நீர்பாதுகாப்பு  
மற்றும்  
நீர் சேமிப்பு செய்

जलबचाओ  
और  
जलसंरक्षणकरना

SAVE WATER  
AND  
CONSERVE WATER

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