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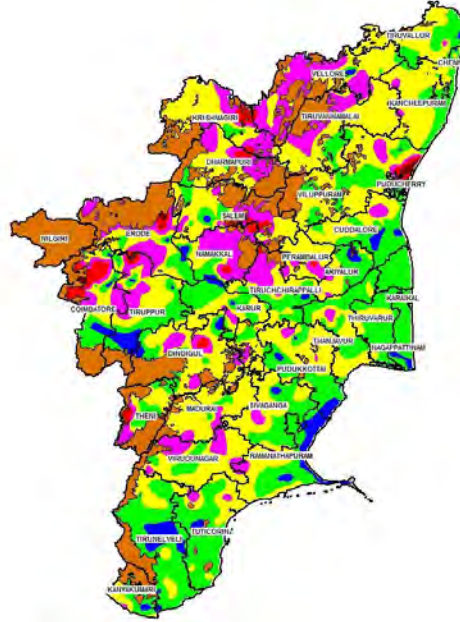
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## GROUNDWATER YEAR BOOK OF TAMIL NADU AND U. T. OF PUDUCHERRY (2015-2016)



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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 2015-2016 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 May 2015, August 2015, November 2015 and January 2016. As of January 2016, Central Ground Water Board, South Eastern Coastal Region, monitors 822 dug wells and 551 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 2015-2016. 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.*

*During the pre-monsoon period, the depth to water levels of 5 -10 m bgl is more prevalent in the State during premonsoon period. Shallow water levels of less than 2 m bgl are noticed in eastern and southern districts. Depth to water level 10-20 m bgl are noticed in isolated pockets in the western part of the State.*

*During postmonsoon period, depth to water level ranging from 0 -2 m bgl is noticed in many districts and predominantly in the eastern and southern part of the State. Depth to water level between 5-10m bgl is noticed mostly in western part of the State. Depth to water level more than 10 is noticed in Western part of the State.*

*Results of chemical analysis of water samples collected during May 2015 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 (2015-2015)**

## **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 32 districts and 385 developmental blocks. 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. Besides these, monitoring of monthly water levels is being carried out at select Ground Water Monitoring Wells in Chennai Metropolitan area. 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 aforesaid periods. 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 present report discusses the regional behaviour of water levels in both shallow and deeper aquifers for the period between May 2015 and January 2016, which will enable the user agencies to plan developmental strategies. The results of the chemical analysis of water samples collected from Ground Water Monitoring Wells during May 2015 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 2015, August 2015, November 2015 and January 2016 are given as Annexures I.

Background information on ph

ysiography 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.

**TABLE-1: Number Of Ground Water Monitoring Wells in Tamil Nadu & U.T. of Puducherry during 2015-2016**

PERIOD OF MEASUREMENT	No. OF WELLS MONITORED		
	DUG WELLS	PIEZOMETERS / TUBEWELLS	TOTAL
May 2015	779	539	1318
August 2015	775	530	1305
November 2015	799	535	1334
January 2016	822	551	1373

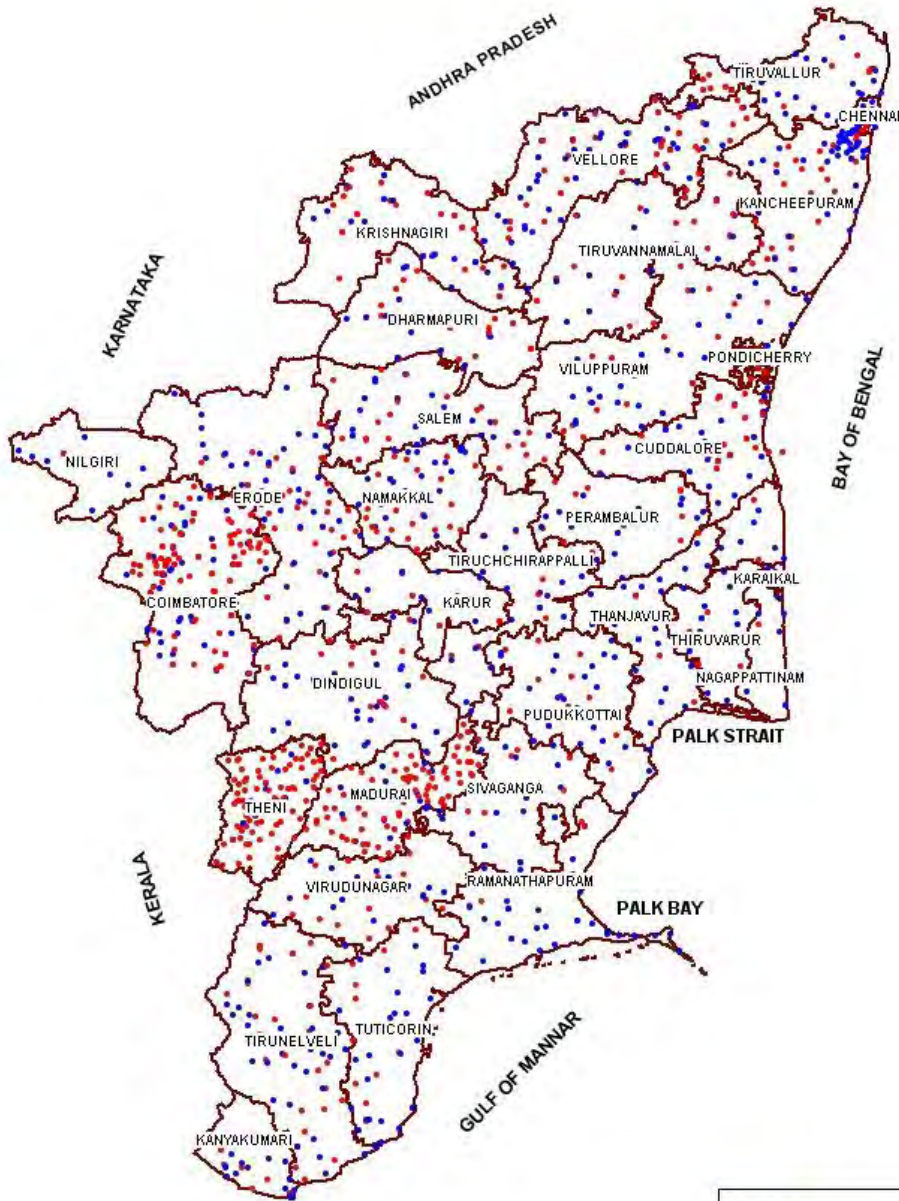
## PHYSIOGRAPHY

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.

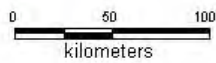
The chain of flat-topped hills of Javadis, the Shevroy, the Kalrayan and the Pachamalai hills, which are joining Cardamom hills in the south, form the Eastern Ghats. These hills rise steeply above plateau level to 1160 m above mean sea level in the Javadi hills and to 1645 m above mean sea level in the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

Between the Eastern and Western Ghats lies the plateau area known as the "Central Plateau" comprising the districts of Erode and Coimbatore



**CENTRAL GROUND WATER BOARD, SECR, CHENNAI**  
**GROUND WATER MONITORING WELLS**



INDIAN OCEAN



**LEGEND**

-  DISTRICT BOUNDARY
-  DUG WELL
-  BORE/TUBE WELL

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 Kaliveli 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.

**Table-2: District wise break up of Monitoring stations in Tamil Nadu & Puducherry, Karaikal regions of U.T.of Puducherry**

S.No	District	May-15		Aug-15		Nov-15		Jan-16	
		DW	PZ	DW	PZ	DW	PZ	DW	PZ
1	Chennai	20	2	19	2	19	2	19	2
2	Coimbatore	39	68	39	68	39	66	39	69
3	Cuddalore	29	53	29	53	29	53	30	56
4	Dharmapuri (Undivided)	31	24	34	22	34	21	35	21
5	Dindugal	31	16	31	16	31	16	32	16
6	Erode	39	62	39	62	46	62	46	63
7	Kancheepuram	41	24	41	22	41	22	44	25
8	Kanyakumari	14	8	14	8	14	8	14	8
9	Karur	13	11	13	11	13	11	13	12
10	Madurai	22	43	22	42	22	42	23	44
11	Nagapattinam	15	5	15	5	15	5	16	5
12	Namakkal	40	13	40	13	44	13	44	13
13	Nilgiris	7	1	7	1	7	1	8	1
14	Perambalur	25	21	25	21	30	21	31	21
15	Pudukkottai	20	9	20	9	23	9	23	9
16	Ramanathapuram	26	2	26	2	30	2	30	2
17	Salem	53	15	53	11	53	11	54	13
18	Sivaganga	14	7	14	7	15	7	16	7
19	Thanjavur	23	0	22	0	22	0	24	0
20	Theni	14	37	14	37	14	37	14	37
21	Thiruvarur	10	0	8	0	8	0	9	0
22	Tiruchirapalli	41	7	41	7	41	7	41	7
23	Tirunelveli	36	23	35	23	35	23	36	23
24	Tiruvallur	43	12	42	12	42	12	42	12
25	Tiruvannamalai	18	15	17	15	17	23	17	23
26	Tuticorin	25	11	25	11	25	11	27	11
27	Vellore	32	16	32	16	32	16	32	16
28	Villupuram	33	18	33	18	33	18	36	18
29	Virudunagar	15	9	15	9	15	9	17	9
30	Puducherry	5	7	5	7	5	7	5	8
31	Karaikal	5	0	5	0	5	0	5	0
	<b>Total</b>	<b>779</b>	<b>539</b>	<b>775</b>	<b>530</b>	<b>799</b>	<b>535</b>	<b>822</b>	<b>551</b>



## DISTRIBUTION OF RAINFALL

Rainfall data corresponding to the measurement of water level has been downloaded from the website of India Meteorological Department and is furnished as **Table-3**. The rainfall during different periods is given below.

<b>Season</b>	<b>Actual</b>	<b>Normal</b>	<b>% Departure</b>
Winter	10.6	30.9	-66
Pre-monsoon	242.8	128.1	90
Monsoon	285.8	317.2	-10
Post monsoon	665.3	438.2	52
Annual	1204.5	914.4	32

## SOILS

The soils of the state can be broadly divided into three types 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	-	Soil, alluvium and beach sands Boulder conglomerates, older alluvium and laterites.
	Pleistocene	-	
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
		Sriperum- budur	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 2015**

A statement showing the distribution of Ground Water Monitoring wells along with depth to water level in phreatic aquifers in different depth ranges is presented in Table-5. Plate-II depicts the ground water scenario in May 2015. Salient features of the depth to water level scenario during May 2015 are given below.

1. A perusal of the water level data reveals that the depth to water level ranged from ground level (Tirunelveli districts) to 59.2 m bgl (Erode District) in Tamil Nadu and UT of Puducherry.
2. Water levels in the hilly tracts of Salem, Dindigul, Erode, Nilgiri, Vellore and Tiruvannamalai districts varied from 0.22 (Vellore district) to 59.2 m bgl (Erode district).
3. The salient feature of the analysis is that the depth to water level over major part of the State covering the coastal plain and central midland lies within 10 m bgl in 79% of wells analysed, while 21% of wells show depth to water level more than 10 m bgl.
4. Depth to water level of less than 2 m bgl has been recorded in 11% percentage of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode(Undivided), Kancheepuram, Kanyakumari, Karur, Nagapattinam, Namakkal, Nilgiris, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Tiruvarur, Tiruchirapalli, Tirunelveli, Tiruvallur, Tuticorin and Vellore districts of Tamil Nadu.
5. Depth to water level in the range of 2 to 5 m bgl has been recorded in 31% of wells analysed and noted in all the districts and U.T.of Puducherry.
6. Depth to water level in the range of 5 to 10 m bgl has been recorded in 37% of wells analysed and noted in all the districts and U.T.of

Puducherry except in Nagapattinam and Nilgiri districts of Tamil Nadu and Karaikal region of U.T. of Puducherry.

7. Depth to water level in the range of 10 to 20 m bgl has been observed in 18% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode(Undivided), Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Nilgiris, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Tiruchirapalli, Tirunelveli, Tiruvallur, Tiruvannamalai, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
8. Depth to water level in the range of 20 to 40 m bgl has been noted in three percentage of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode(Undivided), Madurai, Namakkal, Perambalur(Undivided), Salem, Theni, Tiruchirapalli and Vellore districts.
9. Depth to water level more than 40 m bgl has been noted in one percentage of wells analysed and noted in Coimbatore, Dharmapuri(Undivided), Erode(Undivided), Namakkal and Villupuram districts.

### **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-6. Salient features of the depth to piezometric surface during May 2015 are given below;

1. The depth to piezometric surface ranged from 0.45 m bgl (Coimbatore districts) to 148.6 m bgl (Cuddalore District) in Tamil Nadu and UT of Puducherry.
2. 48% of wells have recorded depth to piezometric surface within 10 mbgl and 52% of wells show depth to piezometric surface more than 10 mbgl.
3. Depth to piezometric surface of less than 2 m bgl has been recorded in six percentage of wells analysed and this has been noted in the districts of Coimbatore, Erode(Undivided), Kancheepuram, Karur, Madurai, Nagapattinam, Salem, Theni, Tirunelveli, and Vellore districts.
4. Depth to piezometric surface in the range of 2 to 5 m bgl has been recorded in 17% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode(Undivided), Kancheepuram, Karur, Madurai, Nilgiris, Theni, Tiruchirapalli, Tirunelveli, Tuticorin and Villupuram districts.
5. Depth to piezometric surface in the range of 5 to 10 m bgl has been recorded in 24 % of wells analysed and noted in all districts of Tamil Nadu and U.T. of Puducherry except Chennai, Nilgiris, Ramanathapuram and Tiruchirapalli districts.
6. Depth to piezometric surface in the range of 10 to 20 m bgl has been observed in 20% of wells analysed and noted in Coimbatore, Cuddalore,

Dharmapuri(Undivided), Dindigul, Erode(Undivided), Kanyakumari, Karur, Madurai, Nagapattinam, Namakkal, Perambalur(Undivided), Ramanathapuram, Salem, Sivaganga, Theni, Tirunelveli, Tuticorin, Virudhunagar districts and Puducherry region of U.T.of Puducherry.

7. Depth to piezometric surface in the range of 20 to 40 m bgl has been noted in 16 % of wells analysed covering isolated pockets in the districts viz. Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode(Undivided), Madurai, Perambalur(Undivided), Ramanathapuram, Salem, Sivaganga, Theni, Vellore districts and Puducherry region of U.T.of Puducherry.
8. Depth to piezometric surface in the range of more than 40 m bgl has been noted in 16% of wells analysed and is observed as isolated patches in Coimbatore, Cuddalore, Dharmapuri(undivided), Erode(Undivided), Karur, Madurai, Perambalur(Undivided), Salem, Theni, Vellore districts and Puducherry region of U.T. of Puducherry.

**Table 5 Frequency distribution of depth to water level, Phreatic aquifer (May 2015)**

<b>District</b>	<b>No of Wells analysed</b>	<b>0 to 2</b>	<b>2-5</b>	<b>5-10</b>	<b>10-20</b>	<b>20-40</b>	<b>&gt;40</b>
Chennai	14	2	7	5	0	0	0
Coimbatore	60	11	13	17	10	8	1
Cuddalore	32	8	14	8	2	0	0
Dharmapuri (Undivided)	35	1	4	15	12	2	1
Dindigal	30	4	6	15	4	1	0
Erode (Undivided)	71	2	16	29	20	1	3
Kancheepuram	46	1	15	23	7	0	0
Kanyakumari	16	2	7	6	1	0	0
Karur	15	2	6	3	4	0	0
Madurai	26	0	5	18	2	1	0
Nagapattinam	13	2	11	0	0	0	0
Namakkal	43	7	5	10	18	2	1
Nilgiris	6	3	2	0	1	0	0
Perambalur(Undivided)	25	2	6	12	4	1	0
Pudukkottai	24	4	7	10	3	0	0
Ramanathapuram	26	9	10	5	2	0	0
Salem	46	3	10	21	9	3	0
Sivaganga	16	1	6	7	2	0	0
Thanjavur	22	2	12	6	2	0	0
Theni	16	1	6	6	2	1	0
Thiruvarur	9	1	5	3	0	0	0
Tiruchirapalli	45	2	23	10	9	1	0
Tirunelveli	30	11	11	7	1	0	0
Tiruvallur	31	2	12	16	1	0	0

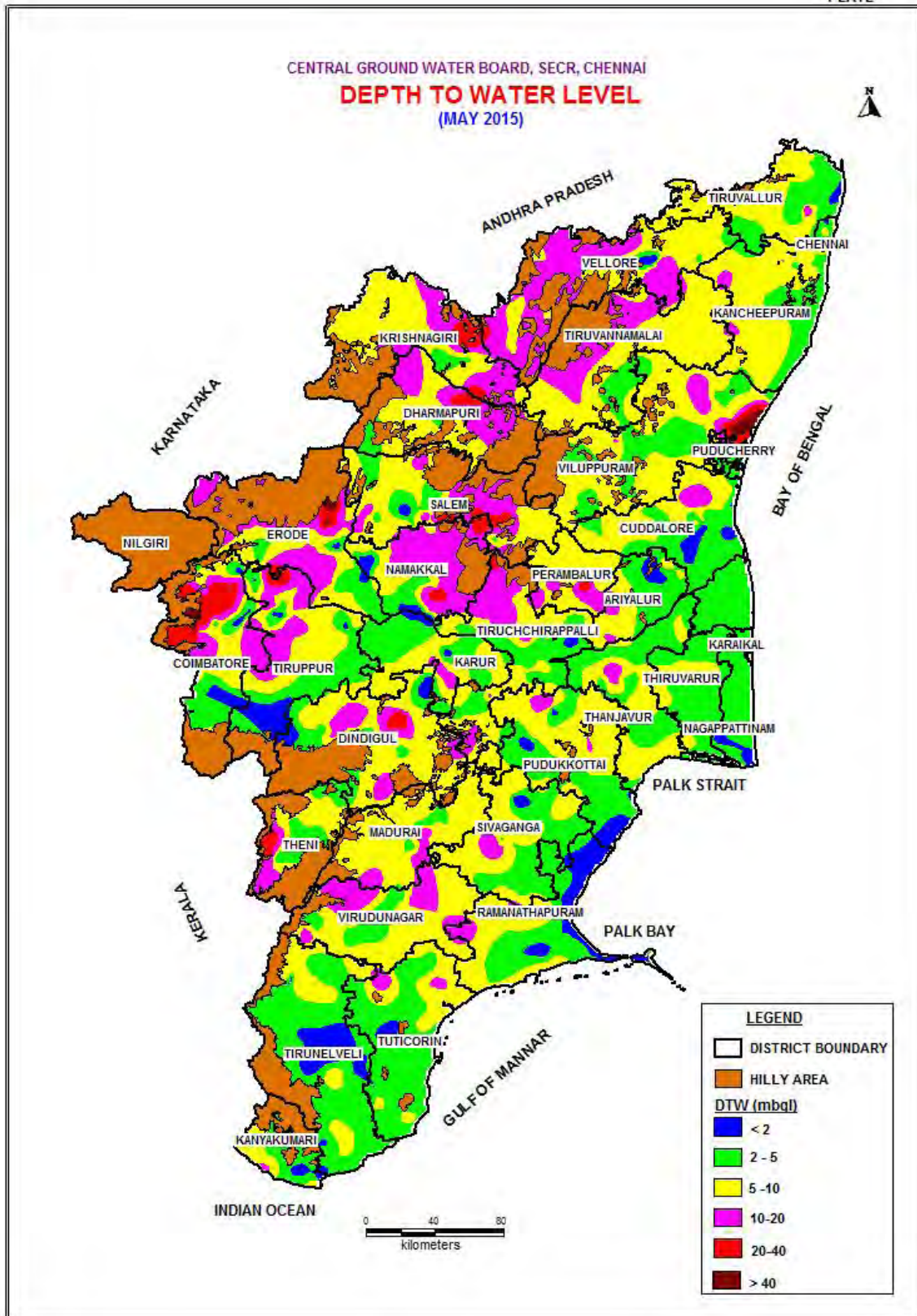
Tiruvannamalai	16	0	1	11	4	0	0
Tuticorin	28	4	15	7	2	0	0
Vellore	41	3	2	14	21	1	0
Villupuram	41	0	17	19	3	0	2
Virudunagar	19	0	5	8	6	0	0
Puducherry	5	0	3	2	0	0	0
Karaikal	5	0	5	0	0	0	0
<b>Total</b>	<b>852</b>	<b>90</b>	<b>267</b>	<b>313</b>	<b>152</b>	<b>22</b>	<b>8</b>
<b>%</b>		<b>11</b>	<b>31</b>	<b>37</b>	<b>18</b>	<b>2</b>	<b>1</b>

**Table 6 Frequency ditribution of depth to piezometric surface (May 2015)**

<b>District</b>	<b>No of Wells analysed</b>	<b>0 to 2</b>	<b>2-5</b>	<b>5-10</b>	<b>10-20</b>	<b>20-40</b>	<b>&gt;40</b>
Chennai	1	0	1	0	0	0	0
Coimbatore	38	4	3	10	9	11	1
Cuddalore	50	0	1	4	3	13	29
Dharmapuri (Undivided)	13	0	1	3	6	1	2
Dindigal	17	0	3	6	6	2	0
Erode(Undivided)	26	1	10	6	4	3	2
Kancheepuram	12	1	6	5	0	0	0
Kanyakumari	2	0	0	1	1	0	0
Karur	9	1	2	2	2	0	2
Madurai	35	2	8	11	12	1	1
Nagapattinam	3	1	0	1	1	0	0
Namakkal	2	0	0	1	1	0	0
Nilgiris	1	0	1	0	0	0	0
Perambalur(Undivided)	17	0	0	1	2	6	8
Pudukkottai	1	0	0	1	0	0	0
Ramanathapuram	2	0	0	0	1	1	0
Salem	10	1	0	5	1	1	2
Sivaganga	4	0	0	2	1	1	0
Theni	29	2	4	10	7	4	2
Tiruchirapalli	1	0	1	0	0	0	0
Tirunelveli	21	7	9	1	4	0	0
Tiruvannamalai	1	0	0	1	0	0	0
Tuticorin	6	0	4	1	1	0	0
Vellore	7	1	0	1	0	4	1
Villupuram	3	0	1	2	0	0	0
Virudunagar	5	0	0	2	3	0	0
Puducherry	8	0	0	1	2	4	1
<b>Total</b>	<b>324</b>	<b>21</b>	<b>55</b>	<b>78</b>	<b>67</b>	<b>52</b>	<b>51</b>
<b>%</b>		<b>6</b>	<b>17</b>	<b>24</b>	<b>20</b>	<b>16</b>	<b>16</b>

**Plate-II**

PLATE-



## August 2015

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-7 and Plate-III depicts the ground water scenario in August 2015. Salient features of the depth to water level scenario during August 2015 are given below.

1. A perusal of the water level data reveals that the depth to water level ranged from 0.02 m bgl (Nilgiris district) to 55.55 m bgl (Villupuram District) in Tamil Nadu and UT of Puducherry.
2. Water levels in the hilly tracts of Salem, Dindigul, Erode, Nilgiri, Vellore and Tiruvannamalai districts varied from 0.02 (Nilgiris district) to 41.1 m bgl (Erode district).
3. The salient feature of the analysis is that the depth to water level over major part of the State covering the coastal plain and central midland lies within 10 m bgl in 77% of wells analysed, while 23% of wells show depth to water level more than 10 m bgl.
4. Depth to water level of less than 2 m bgl has been recorded in eight percentage of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode(Undivided), Kancheepuram, Kanyakumari, Karur, Namakkal, Nilgiris, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Tirunelveli, Tiruvallur, Tiruvarur, Tiruchirapalli, Vellore and Villupuram districts of Tamil Nadu and Puducherry region of U.T.of Puducherry.
5. Depth to water level in the range of 2 to 5 m bgl has been recorded in 28% of wells analysed and noted in all the districts and U.T.of Puducherry.
6. Depth to water level in the range of 5 to 10 m bgl has been recorded in 41% of wells analysed and noted in all the districts and U.T.of Puducherry except in Tiruvarur and Nilgiris districts of Tamil Nadu and Karaikal region of U.T.of Puducherry.
7. Depth to water level in the range of 10 to 20 m bgl has been observed in 19% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode(Undivided), Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Nilgiris, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Tiruchirapalli, Tirunelveli, Tiruvallur, Tiruvannamalai, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
8. Depth to water level in the range of 20 to 40 m bgl has been noted in three percentage of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode(Undivided), Madurai, Namakkal, Perambalur(Undivided), Salem, Theni, Tiruchirapalli and Vellore districts.
9. Depth to water level more than 40 m bgl has been noted in one percentage of wells analysed and noted in Coimbatore,



Dharmapuri(Undivided), Dindigul, Erode(Undivided), Karur, Namakkal, Salem, Theni, Tiruchirapalli and Vellore districts.

### **Depth To Piezometric Surface:**

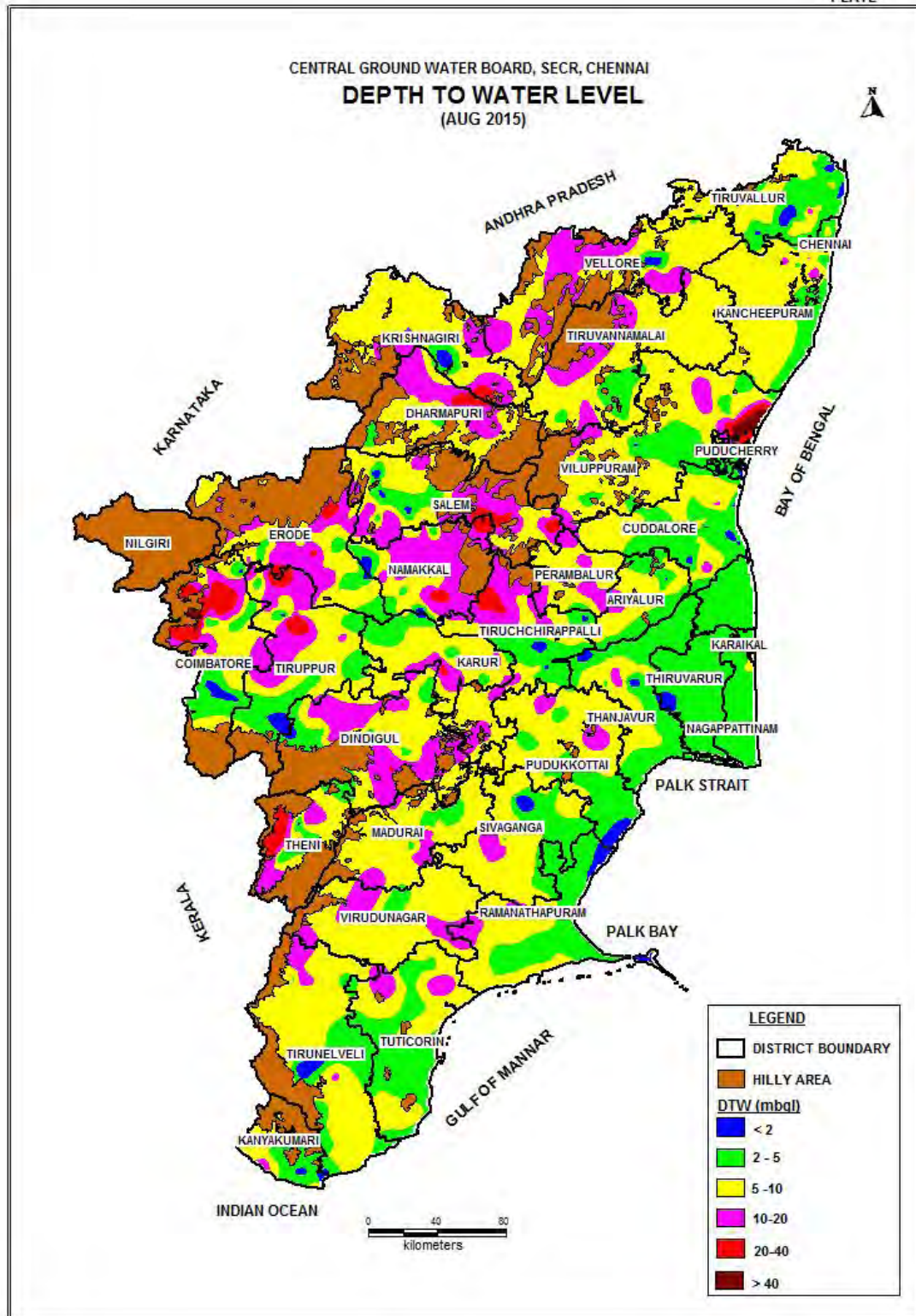
Depth to piezometric surface has been recorded from piezometers spread all over the state both in hardrock and soft rock areas. The statement showing the depth to piezometric surface is given in Table-8. Salient features of the depth to piezometric surface during August 2015 are given below.

- 1.The depth to piezometric surface ranged from 0.45 m bgl (Madurai districts) to 149.40 m bgl (Erode District) in Tamil Nadu and UT of Puducherry.
2. 44% of wells have recorded depth to piezometric surface within 10 mbgl and 56% of wells show depth to piezometric surface more than 10 mbgl.
3. Depth to piezometric surface of less than 2 m bgl has been recorded in three percentage of wells analysed and this has been noted in the districts of Coimbatore, Kancheepuram, Madurai, Perambalur(Undivided, Tirunelveli and Vellore districts.
4. Depth to piezometric surface in the range of 2 to 5 m bgl has been recorded in 13% of wells analysed and noted in Coimbatore,
5. Cuddalore, Dharmapuri(Undivided), Dindigul, Erode(Undivided), Kancheepuram, Karur, Madurai, Nagapattinam, Salem, Theni, Tirunelveli, Tiruvallur, Tuticorin and Vellore districts.
6. Depth to piezometric surface in the range of 5 to 10 m bgl has been recorded in 28 % of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode (Undivided), Kancheepuram, Kanyakumari, Karur, Madurai, Nagapattinam, Namakkal, Perambalur (Undivided), Pudukkottai, Sivaganga, Theni, Tiruvannamalai, Tirunelveli, Tiruvallur, Tiruchirapalli, Tuticorin, Vellore, Villupuram districts and Puducherry region of U.T.of Puducherry.
7. Depth to piezometric surface in the range of 10 to 20 m bgl has been observed in 22% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode(Undivided), Kanyakumari, Karur, Madurai, Nagapattinam, Namakkal, Ramanathapuram, Salem, Sivaganga, Theni, Tirunelveli, Tuticorin, Vellore, Virudhunagar districts and Puducherry region of U.T.of Puducherry.
8. Depth to piezometric surface in the range of 20 to 40 m bgl has been noted in 17 % of wells analysed covering isolated pockets in the districts viz. Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode(Undivided), Madurai, Perambalur(Undivided), Ramanathapuram, Salem, Theni, Vellore districts and Puducherry region of U.T.of Puducherry.
9. Depth to piezometric surface in the range of more than 40 m bgl has been noted in 17% of wells analysed and is observed as isolated patches in Coimbatore, Cuddalore, Dharmapuri(undivided), Dindigul,

Erode(Undivided), Madurai, Perambalur(Undivided), Salem, Theni, Vellore districts and Puducherry region of U.T. of Puducherry.

<b>Table 7 Depth to Water Table (Aug 2015)</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>
Karaikal	5	0	5	0	0	0	0
Pondicherry	5	2	1	2	0	0	0
Chennai	17	3	6	8	0	0	0
Coimbatore	61	7	17	18	10	8	1
Cuddalore	34	8	13	11	2	0	0
Dharmapuri	30	2	2	15	8	3	0
Dindigul	28	1	7	11	8	1	0
Erode	69	1	11	29	24	3	1
Kancheepuram	47	1	11	30	5	0	0
Kanyakumari	16	2	7	6	1	0	0
Karur	15	1	5	4	4	1	0
Madurai	20	0	5	12	3	0	0
Nagapattinam	11	0	9	2	0	0	0
Namakkal	43	5	6	10	20	1	1
Nilgiris	7	3	3	0	1	0	0
Perambalur	25	1	2	16	6	0	0
Pudukkottai	26	3	8	13	2	0	0
Ramanathapuram	24	3	13	6	2	0	0
Salem	48	5	7	18	15	3	0
Sivaganga	17	1	4	9	3	0	0
Thanjavur	16	2	8	4	2	0	0
Theni	16	1	4	7	3	1	0
Thiruvannamalai	17	0	2	11	4	0	0
Tirunelveli	30	2	11	14	3	0	0
Tiruvallur	42	5	18	18	1	0	0
Tiruvarur	6	1	5	0	0	0	0
Trichy	44	6	13	13	11	1	0
Tuticorin	26	0	14	10	2	0	0
Vellore	34	3	3	15	12	1	0
Villupuram	44	1	13	25	3	0	2
Virudhunagar	17	0	1	9	7	0	0
<b>Total</b>	<b>840</b>	<b>70</b>	<b>234</b>	<b>346</b>	<b>162</b>	<b>23</b>	<b>5</b>
<b>%</b>		<b>8</b>	<b>28</b>	<b>41</b>	<b>19</b>	<b>3</b>	<b>1</b>

<b>Table 8 Frequency ditribution of depth to piezometric surface (Aug 2015)</b>							
<b>District</b>	<b>No of Wells analysed</b>	<b>Depth to piezometric surface in the range of (mbgl)</b>					
		<b>0 to 2</b>	<b>2-5</b>	<b>5-10</b>	<b>10-20</b>	<b>20-40</b>	<b>&gt;40</b>
Pondicherry	8	0	0	1	2	4	1
Chennai	1	0	1	0	0	0	0
Coimbatore	37	2	4	11	7	11	2
Cuddalore	46	0	1	3	2	12	28
Dharmapuri	15	0	1	2	8	1	3
Dindigul	17	0	3	4	5	4	1
Erode	26	0	4	14	2	2	4
Kancheepuram	14	1	5	8	0	0	0
Kanyakumari	3	0	0	2	1	0	0
Karur	7	0	2	3	2	0	0
Madurai	24	2	2	10	7	2	1
Nagapattinam	3	0	1	1	1	0	0
Namakkal	2	0	0	1	1	0	0
Perambalur	17	1	0	3	0	5	8
Pudukkottai	1	0	0	1	0	0	0
Ramanathapuram	2	0	0	0	1	1	0
Salem	9	0	2	0	3	2	2
Sivaganga	3	0	0	1	2	0	0
Theni	30	0	3	6	12	6	3
Thiruvannamalai	2	0	0	2	0	0	0
Tirunelveli	21	2	7	6	6	0	0
Tiruvallur	3	0	2	1	0	0	0
Trichy	1	0	0	1	0	0	0
Tuticorin	7	0	2	3	2	0	0
Vellore	7	1	1	1	1	2	1
Villupuram	4	0	1	3	0	0	0
Virudhunagar	5	0	0	0	5	0	0
<b>Total</b>	<b>315</b>	<b>9</b>	<b>42</b>	<b>88</b>	<b>70</b>	<b>52</b>	<b>54</b>
<b>%</b>		<b>3</b>	<b>13</b>	<b>28</b>	<b>22</b>	<b>17</b>	<b>17</b>



**Plate-III**

## **November 2015**

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-9 and Plate-IV depicts the ground water scenario in November 2015.

1. A perusal of the water level data reveals that the depth to water level ranged from ground level (Kancheepuram, Tirunelveli, Tiruvarur and Tuticorin district) to 41 m bgl (Coimbatore District) in Tamil Nadu and UT of Puducherry.
2. Water levels in the hilly tracts of Salem, Dindigul, Erode, Nilgiri, Vellore and Tiruvannamalai districts varied from 0.04 (Erode district) to 51.7 m bgl (Erodel district).
3. The salient feature of the analysis is that the depth to water level over major part of the State covering the coastal plain and central midland, lies within 10 m bgl, in 86% of wells analysed, while 12% of wells show depth to water level between 10 to 20 m bgl, two percentage of wells analysed 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 30% of wells analysed and this has been noted in all the districts of Tamilnadu and U.T.of Puducherry.
5. Depth to water level in the range of 2 to 5 m bgl has been recorded in 28% of wells analysed and noted in all the districts except in Karaikal region of U.T.of Puducherry.
6. Depth to water level in the range of 5 to 10 m bgl has been recorded in 28% of wells analysed and noted in all the districts except in Nagapattinam, Tiruvarur districts and U.T. of Puducherry.
7. Depth to water level in the range of 10 to 20 m bgl has been observed in 12% of wells analysed and noted in Coimbatore, Dharmapuri(Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Nilgiris, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Theni, Tirunelveli, Tiruvallur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
8. Depth to water level in the range of 10 to 20 m bgl has been noted in two percentage of wells analysed covering isolated pockets in the districts viz. Coimbatore, Erode, Namakkal, Salem, Theni, Trichy, vellore and Villupuram districts.

### ***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-10. Salient features of the depth to piezometric surface during November 2015 are given below.

1. The depth to piezometric surface ranges from 0.25 (Theni District) to 112.95 m bgl (Theni district).
2. 59 percentage of wells have recorded depth to piezometric surface within 10 m bgl, 16% of wells show depth to piezometric surface between 10 to 20 m bgl while 17% shows depth between 20 to 40 m bgl and 8% more than 40 m. bgl.
3. Depth to piezometric surface of less than 2 m bgl has been recorded in 18% of wells analysed and this has been noted in the districts of Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Kancheepuram, Karur, Madurai, Perambalur(Undivided), Salem, Theni, Tiruvannamalai, Tirunelveli, Tuticorin, Vellore and Villupuram districts.
4. Depth to piezometric surface in the range of 2 to 5 m bgl has been recorded in 19% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Kancheepuram, Karur, Madurai, Nagapattinum, Namakkal, Perambalur(Undivided), Pudukkottai, Salem, Theni, Tirunelveli, Trichy, Tiruvallur, Vellore, Villupuram, Virudhunagar districts and Puducherry region of U.T.of Puducherry.
5. Depth to piezometric surface in the range of 5 to 10 m bgl has been recorded in 22% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Perambalur(Undivided), Salem, Sivaganga, Theni, Tirunelveli, Tiruvallur, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
6. Depth to piezometric surface in the range of 10 to 20 m bgl has been observed in 16% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kanyakumari, Karur, Madurai, Nagapattinam, Ramanathapuram, Salem, Theni, Tirunelveli, Tuticorin, Virudhunagar districts and Puducherry region.
7. Depth to piezometric surface in the range of 20 to 40 has been observed in 17 % of well analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Karur, Madurai, Perambalur(Undivided), Ramanathapuram, Salem, Sivaganga, Theni and Vellore districts.
8. Depth to piezometric surface more than 40 m bgl has been noted in eight percent of wells analysed covering isolated pockets in the districts viz. Coimbatore, Cuddalore, Dharmapuri(Undivided), Erode, Perambalur(Undivided), Salem, Theni and Vellore districts.

**Table-9 Depth to Water Table (Nov 2015)**

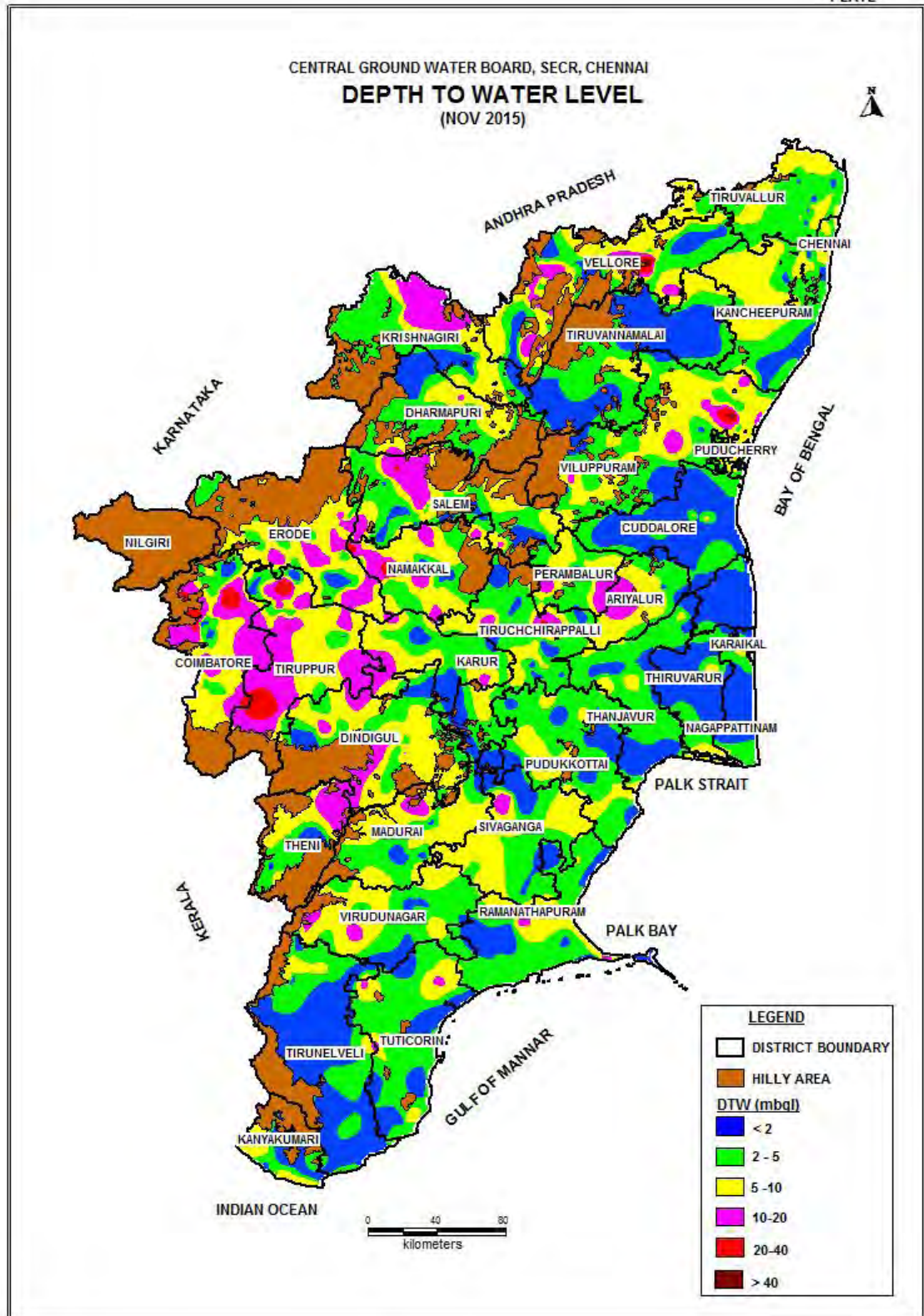
Distribution of Percentage of Observation Wells							
District	No. of Wells Analysed	Depth to Water Table (mbgl)					
		No. of Wells Showing Depth to Water Table (mbgl) in the Range of					
		0-2	2-5	5-10	10-20	20-40	>40
Karaikal	5	5	0	0	0	0	0
Pondicherry	5	2	3	0	0	0	0
Chennai	16	4	5	7	0	0	0
Coimbatore	64	9	16	18	11	8	2
Cuddalore	30	23	4	3	0	0	
Dharmapuri	31	7	12	7	5	0	0
Dindigul	31	7	7	13	4	0	0
Erode	73	6	19	30	16	0	2
Kancheepuram	48	16	11	17	4	0	0
Kanyakumari	15	6	4	4	1	0	0
Karur	14	3	5	2	4	0	0
Madurai	24	4	8	9	3	0	0
Nagapattinam	14	12	2	0	0	0	0
Namakkal	41	6	10	10	13	2	0
Nilgiris	7	4	2	0	1	0	0
Perambalur	25	2	8	11	4	0	0
Pudukkottai	25	7	8	9	1	0	0
Ramanathapuram	25	11	6	6	2	0	0
Salem	50	11	16	18	4	1	0
Sivaganga	17	4	4	8	1	0	0
Thanjavur	22	11	9	2	0	0	0
Theni	14	3	2	6	2	1	0
Thiruvannamalai	19	13	5	1	0	0	0
Tirunelveli	32	22	6	3	1	0	0
Tiruvallur	43	6	20	16	1	0	0
Tiruvarur	9	7	2	0	0	0	0
Trichy	44	16	14	10	3	1	0
Tuticorin	29	15	9	2	3	0	0
Vellore	40	11	8	9	11	1	0
Villupuram	44	6	15	14	7	0	2
Virudhunagar	19	5	4	8	2	0	0
<b>Total</b>	<b>875</b>	<b>264</b>	<b>244</b>	<b>243</b>	<b>104</b>	<b>14</b>	<b>6</b>
<b>%</b>		<b>30</b>	<b>28</b>	<b>28</b>	<b>12</b>	<b>2</b>	

**Table-10 Depth to Piezometric Surface (Nov 2015)**

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
Pondicherry	8	0	1	0	3	4	0
Chennai	1	0	1	0	0	0	0
Coimbatore	36	2	2	11	8	12	1
Cuddalore	26	1	4	2	2	13	4
Dharmapuri	15	1	2	5	3	2	2
Dindigul	13	3	2	4	2	2	0
Erode	27	2	9	7	4	2	3
Kancheepuram	14	8	4	2	0	0	0
Kanyakumari	3	0	0	2	1	0	0
Karur	7	2	1	2	1	1	0
Madurai	37	10	6	10	7	4	0
Nagapattinam	3	0	1	0	2	0	0
Namakkal	2	0	2	0	0	0	0
Perambalur	17	1	1	2	0	5	8
Pudukkottai	1	0	1	0	0	0	0
Ramanathapuram	2	0	0	0	1	1	0
Salem	10	1	2	1	4	1	1
Sivaganga	4	0	0	3	0	1	0
Theni	35	3	8	7	9	3	5
Thiruvannamalai	1	1	0	0	0	0	0
Tirunelveli	21	13	4	3	1	0	0
Tiruvallur	4	0	3	1	0	0	0
Trichy	1	0	1	0	0	0	0
Tuticorin	7	4	0	2	1	0	0
Vellore	7	3	1	1	0	1	1
Villupuram	5	2	1	2	0	0	0
Virudhunagar	5	0	1	3	1	0	0
<b>Total</b>	<b>312</b>	<b>57</b>	<b>58</b>	<b>70</b>	<b>50</b>	<b>52</b>	<b>25</b>
<b>%</b>		<b>18</b>	<b>19</b>	<b>22</b>	<b>16</b>	<b>17</b>	<b>8</b>



PLATE-



## January 2016

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-11 and Plate-V depicts the ground water scenario in January 2016.

1. A perusal of the water level data reveals that the depth to water level ranged from Ground level (Tirunelveli district) to 51.55 m bgl (Villupuram District) in Tamil Nadu and UT of Puducherry.
2. Water levels in the hilly tracts of Salem, Dindigul, Erode, Nilgiri, Vellore and Tiruvannamalai districts varied from 0.3 (Tiruvannamalai district) to 43.9 m bgl (Erode district).
3. The salient feature of the analysis is that the depth to water level over major part of the State covering the coastal plain and central midland, lies within 10 m bgl, in nearly 92% of wells analysed, while six percent of wells show depth to water level between 10 to 20 m bgl, two percent of wells shows water level more than 20 m bgl.
4. Depth to water level of less than 2 m bgl has been recorded in 35% of wells analysed and this has been noted in all the districts and U.T. of Puducherry.
5. Depth to water level in the range of 2 to 5 m bgl has been recorded in 35% of wells analysed and noted in all the districts and U.T. of Puducherry.
6. Depth to water level in the range of 5 to 10 m bgl has been recorded in 22% of wells analysed and noted in all the districts except in Nagapattinam, Nilgiris, Tiruvarur and Karaikal region of U.T. of Puducherry.
7. Depth to water level in the range of 10 to 20 m bgl has been observed in 6% of wells analysed and noted in Coimbatore, Dindigul, Erode, Kanyakumari, Karur, Madurai, Namakkal, Nilgiris, Perambalur, Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Thiruvannamalai, Trichy and Vellore districts.
8. Depth to water level in the range of more than 20 m bgl has been observed in two percent of wells analysed and noted in Coimbatore, Erode, Namakkal, Theni and Villupuram districts.

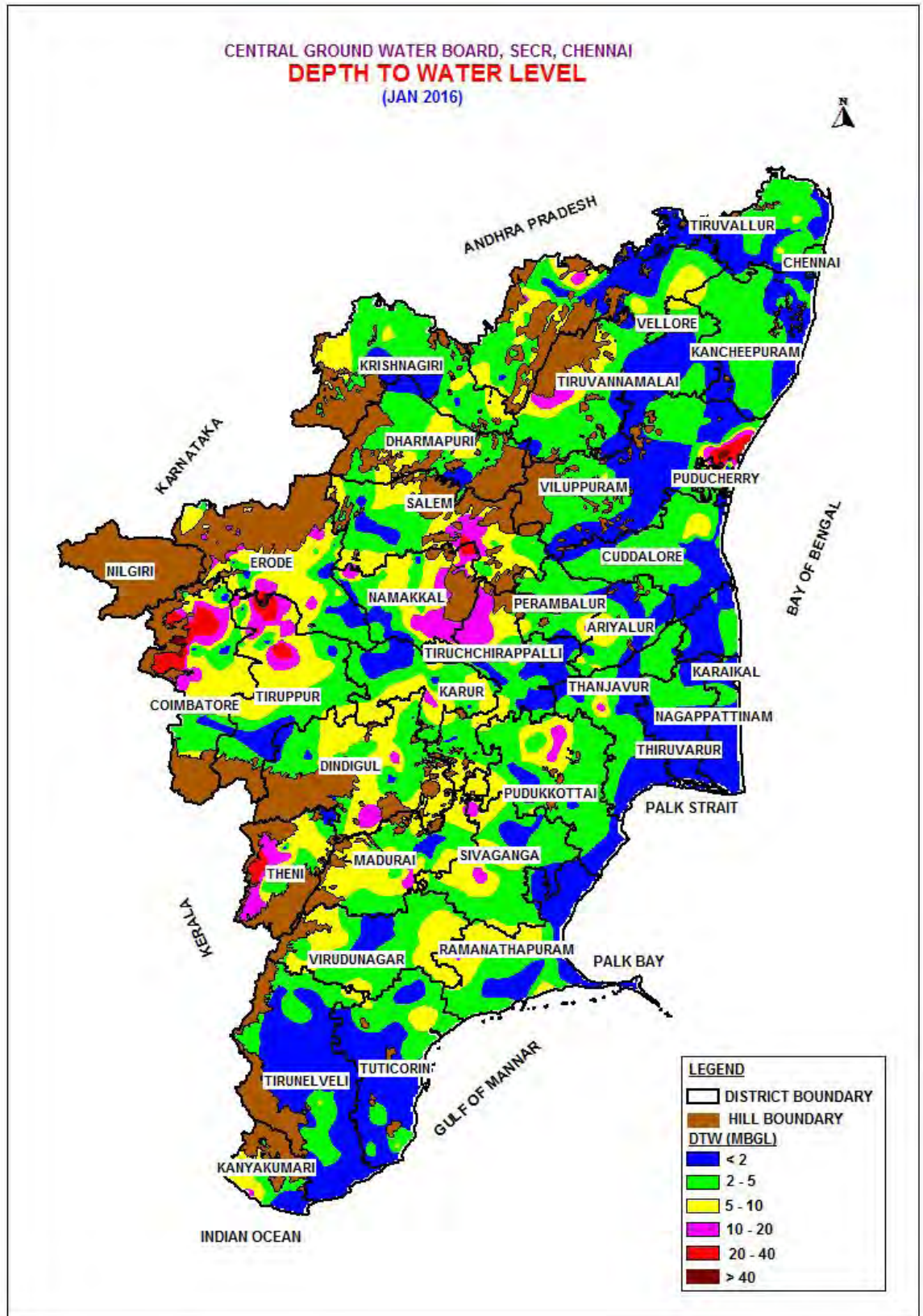
### **Depth To Piezometric Surface:**

The statement showing the distribution of Ground Water Monitoring wells along with depth to piezometric surface of semi-confined aquifer in different depth ranges is presented in Table-12. Salient features of the depth to piezometric surface during January 2016 are given below.

1. The depth to piezometric surface ranged from 0.15 (Tirunelveli district) to 122.86 m bgl (Theni District) in Tamil Nadu and UT of Puducherry.
2. 59 % of wells have recorded depth to piezometric surface within 10 m bgl, 16 % of wells show depth to piezometric surface between 10 to 20 m bgl, while 15 % of wells show depth in the range of 20 to 40 m bgl and 10 % more than 40 m bgl.
3. Depth to piezometric surface of less than 2 m bgl has been recorded in 19 % of wells analysed and this has been noted in the districts of Coimbatore, Cuddalore, Dindigul, Erode, Kancheepuram, Karur, Madurai, Perambalur, Pudukkottai, Salem, Theni, Tirunelveli, Tiruvallur, Tiruvannamalai, Tuticorin, Vellore and Villupuram districts.
4. Depth to piezometric surface in the range of 2 to 5 m bgl has been recorded in 18 % of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Karur, Madurai, Nagapattinam, Namakkal, Perambalur, Salem Theni, Tiruchirapalli, Tirunelveli, Tuticorin, Villupuram, Virudhunagar districts and Puducherry region of U.T.of Puducherry.
5. Depth to piezometric surface in the range of 5 to 10 m bgl has been recorded in 22 % of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Salem, Sivaganga, Theni, Tirunelveli, Tuticorin, Vellore and Virudhunagar districts.
6. Depth to piezometric surface in the range of 10 to 20 m bgl has been observed in 16 % of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Kanyakumari, Karur, Madurai, Nagapattinam, Perambalur , Ramanathapuram, Salem, Theni, Vellore districts and Puducherry region of U.T.of Puducherry.
7. Depth to piezometric surface in the range of 20 to 40 mbgl has been noted in 15 % of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Madurai, Perambalur, Ramanathapuram, Theni, Vellore and Puducherry region of U.T.of Puducherry.
8. Depth to piezometric surface in the range of more than 40 m bgl has been noted in 10 % of wells analysed covering isolated pockets in the districts viz. Coimbatore, Cuddalore, Dharmapuri(Undivided), Erode, Perambalur, Salem, Theni districts and Puducherry region of U.T.of Puducherry.

<b>Table 11 Depth to Water Table (Jan 2016)</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>
Karaikal	5	4	1	0	0	0	0
Pondicherry	5	2	2	1	0	0	0
Chennai	17	7	8	2	0	0	0
Coimbatore	62	10	16	20	6	9	1
Cuddalore	31	19	9	3	0	0	0
Dharmapuri	31	7	13	11	0	0	0
Dindigul	30	5	12	11	2	0	0
Erode	73	11	20	34	7	0	1
Kancheepuram	49	22	26	1	0	0	0
Kanyakumari	15	5	5	4	1	0	0
Karur	15	5	3	6	1	0	0
Madurai	25	4	9	9	3	0	0
Nagapattinam	14	10	4	0	0	0	0
Namakkal	42	9	12	13	7	1	0
Nilgiris	7	3	3	0	1	0	0
Perambalur	25	7	14	3	1	0	0
Pudukkottai	27	9	10	6	2	0	0
Ramanathapuram	27	16	4	6	1	0	0
Salem	47	8	21	15	3	0	0
Sivaganga	18	3	9	4	2	0	0
Thanjavur	23	10	11	1	1	0	0
Theni	14	1	3	5	3	2	0
Thiruvannamalai	19	6	10	2	1	0	0
Tirunelveli	35	27	6	2	0	0	0
Tiruvallur	44	18	23	3	0	0	0
Tiruvarur	8	6	2	0	0	0	0
Trichy	43	17	13	10	3	0	0
Tuticorin	28	16	8	4	0	0	0
Vellore	40	14	13	9	4	0	0
Villupuram	43	24	16	1	0	1	1
Virudhunagar	19	4	7	8	0	0	0
Total	881	309	313	194	49	13	3
%		35	35	22	6	2	

<b>Table 12 Frequency ditribution of depth to piezometric surface (Jan 2016)</b>							
<b>District</b>	<b>No of Wells analysed</b>	<b>Depth to piezometric surface in the range of (mbgl)</b>					
		<b>0 to 2</b>	<b>2-5</b>	<b>5-10</b>	<b>10-20</b>	<b>20-40</b>	<b>&gt;40</b>
Chennai	1	0	1	0	0	0	0
Coimbatore	37	3	7	11	7	8	1
Cuddalore	49	1	2	4	3	21	18
Dharmapuri	16	0	4	6	3	1	2
Dindigul	16	1	3	8	2	2	0
Erode	26	4	10	4	4	2	2
Kancheepuram	13	8	4	1	0	0	0
Kanyakumari	3	0	0	2	1	0	0
Karur	7	3	1	1	2	0	0
Madurai	36	6	8	13	6	3	0
Nagapattinam	4	0	2	0	2	0	0
Namakkal	2	0	1	1	0	0	0
Perambalur	14	1	3	0	3	2	5
Pudukkottai	1	1	0	0	0	0	0
Ramanathapuram	2	0	0	0	1	1	0
Salem	11	1	1	3	4	0	2
Sivaganga	3	0	0	3	0	0	0
Theni	33	3	5	5	9	8	3
Trichy	1	0	1	0	0	0	0
Tirunelveli	21	16	1	4	0	0	0
Tiruvallur	2	2	0	0	0	0	0
Thiruvannamalai	2	2	0	0	0	0	0
Tuticorin	7	4	1	2	0	0	0
Vellore	6	3	0	1	1	1	0
Villupuram	5	3	2	0	0	0	0
Virudhunagar	5	0	2	3	0	0	0
Puducherry	8	0	1	0	4	2	1
<b>Total</b>	<b>331</b>	<b>62</b>	<b>60</b>	<b>72</b>	<b>52</b>	<b>51</b>	<b>34</b>
<b>%</b>		<b>19</b>	<b>18</b>	<b>22</b>	<b>16</b>	<b>15</b>	<b>10</b>



### **III. FLUCTUATION OF WATER LEVEL**

#### **May 2015 & August 2015**

The water level fluctuation during the period mentioned denotes the cumulative effect of recharge due to early part of southwest monsoon and ground water development during the period. Rise in water levels denotes adequate compensation of ground water development by the rainfall recharge during early part of southwest monsoon, whereas fall denotes inadequacy of recharge.

The statement showing the distribution of ground water monitoring wells falling in different ranges of fluctuation is presented in Table.13. A comparison of water level shows that a fall in the water level is recorded in 67% of wells analysed, while 33% recorded rise. Salient features of the comparison of water levels are listed below.

1. Rise in the water level in the range of 0-2m has been observed in 26% of wells analysed, spread all over the State U.T. of Puducherry except in Karaikal region.
2. Rise in the water level in the range of 2-4 m has been observed in four percent of wells analyzed and noted in Coimbatore, Dharmapuri (Undivided), Erode, Kancheepuram, Kanyakumari, Madurai, Namakkal, Perambalur (Undivided), Salem, Sivaganga, Thanjavur, Tiruvallur, Vellore, Virudhunagar districts.
3. Rise in water level more than 4 m has been observed in three percentage of wells analysed and noted in isolated pockets in the districts viz. Coimbatore, Cuddalore, Erode, Salem, Tiruvallur, Tiruvarur, Trichy and Vellore.
4. The fall in water level in the range of 0-2m has been observed in 51% of wells analysed and spread all over the State and U.T.of Puducherry except in Puducherry region.
5. The fall in water level in the range of 2-4m and more than 4 m has been observed in 11% and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Kancheepuram, Karur, Madurai, Namakkal, Perambalur(Undivided), Salem, Theni, Tiruvannamalai, Tirunelveli, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
6. The fall in water level more than 4m has been observed in five percent of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Karur, Namakkal, Perambalur (Undivided), Salem, Theni, Tirunelveli, Tiruvallur, Tirchy and Virudhunagar districts.
7. Fall in water level is partly due to local over draft and delayed monsoon in parts of the State of Tamil Nadu.

**Table 13**

2.1

**District Wise - Fluctuation and Frequency Distribution From Different Ranges from One Period to Other**

From Year: 2015/May - To Year: 2015/Aug

State : **Pondicherry**

DistrictNa	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells		
		Rise		Fall		Rise			Fall			Rise	Fall	
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4			
Karaikal	5 (0.00)	-	-	0.21	0.72	0	0	0	5	0	0	100.00%	0	5
Pondicherry	5 (1.08)	0.18	1.08	-	-	5	0	0	0	0	0	100.00%	5	0
<b>Total</b>	10	0.18	1.08			5	0	0	5	0	0		5	5

State : **Tamil Nadu**

DistrictNa	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells							
		Rise		Fall		Rise			Fall			Rise	Fall						
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4								
Chennai	16 (0.84)	0.01	0.84	0.21	0.99	11	0	0	4	0	0	68.7%	25.00%	11	4				
Coimbatore	58 (11.33)	0.05	11.33	0.01	27.26	12	1	3	34	5	3	20.6%	1.72%	5.1%	58.6%	8.6%	5.1%	16	42
Cuddalore	34 (8.40)	0.06	8.40	0.03	9.03	8	0	3	20	2	1	23.5%	8.8%	58.8%	5.8%	2.9%	11	23	
Dharmapuri	26 (3.03)	0.03	3.03	0.05	4.97	6	2	0	15	2	1	23.0%	7.69%	0	57.6%	7.6%	3.8%	8	18

2.1

Tamil Nadu / Dindigul / DINDIGUL

Cauvery / Amaravati To Stanley Reservoir / 4B2A2/Upper

0.00

Dindigul	27 (0.50)	0.14	0.50	0.02	10.72	2	0	0	13	7	5	7.4%	48.1%	25.9%	18.5%	2	25		
Erode	65 (42.45)	0.08	42.45	0.35	13.20	13	4	4	26	10	6	20.0%	6.15%	6.1%	40.0%	15.3%	9.2%	21	42
Kancheepuram	44 (2.40)	0.06	2.40	0.10	4.62	19	1	0	20	1	2	43.1%	2.27%	0	45.4%	2.27%	4.5%	20	23
Kanyakumari	16 (3.32)	0.07	3.32	0.48	1.26	6	2	0	8	0	0	37.5%	12.50%	0	50.0%	0	0	8	8
Karur	15 (0.07)	0.07	0.07	0.31	9.75	1	0	0	8	4	1	6.6%	53.3%	26.6%	6.6%	1	13		
Madurai	18 (2.90)	0.16	2.90	0.05	2.29	4	2	0	11	1	0	22.2%	11.11%	0	61.1%	5.56%	0	6	12
Nagapattinam	11 (0.19)	0.10	0.19	0.24	1.22	2	0	0	9	0	0	18.1%	81.8%	0	0	0	0	2	9
Namakkal	41 (4.00)	0.04	4.00	0.17	6.75	13	4	0	16	4	3	31.7%	9.76%	0	39.0%	9.76%	7.3%	17	23
Nilgiris	7 (1.66)	0.64	1.66	0.61	0.61	6	0	0	1	0	0	85.7%	14.29%	0	0	0	0	6	1
Perambalur	23 (2.93)	0.15	2.93	0.08	9.78	2	1	0	16	3	1	8.7%	4.35%	0	69.5%	13.04%	4.3%	3	20
Pudukkottai	23 (0.78)	0.27	0.78	0.04	1.93	4	0	0	19	0	0	17.3%	82.6%	0	0	0	0	4	19



0.00

Cape Comorin to Cauvery / Cape Comorin To Vaigai / 2-Gundar

Ramanathapura	23 (0.07)	0.07	0.07	0.19	1.82	1 4.3%	0	0	22 95.6%	0	0	1	22
Salem	47 (7.95)	0.03	7.95	0.12	15.38	6 12.7%	1 2.13%	5 10.6%	20 42.5%	10 21.28%	4 8.9%	12	34
Sivaganga	17 (2.03)	0.09	2.03	0.05	1.95	6 35.2%	1 5.88%	0	10 58.8%	0	0	7	10
Thanjavur	15 (3.61)	0.45	3.61	0.23	1.72	5 33.3%	1 6.67%	0	9 60.0%	0	0	6	9
Theni	14 (1.03)	0.22	1.03	0.42	6.05	4 28.5%	0	0	6 42.8%	3 21.43%	1 7.1%	4	10
Thiruvannamalai	13 (1.72)	0.08	1.72	0.08	2.10	7 53.8%	0	0	5 38.4%	1 7.69%	0	7	6
Tirunelveli	28 (1.55)	1.55	1.55	0.20	5.90	1 3.5%	0	0	10 35.7%	13 46.43%	4 14.2%	1	27
Tiruvallur	38 (5.01)	0.03	5.01	0.05	7.88	22 57.8%	4 10.53%	3 7.8%	7 18.4%	0	1 2.0%	29	8
Tiruvarur	6 (4.18)	0.41	4.18	0.35	1.94	1 16.6%	0	1 16.6%	4 66.6%	0	0	2	4
Trichy	41 (6.08)	0.06	6.08	0.06	7.00	11 26.8%	0	2 4.8%	18 43.9%	7 17.07%	3 7.3%	13	28
Tuticorin	25 (0.72)	0.05	0.72	0.46	3.85	2 8.0%	0	0	19 76.0%	4 16.00%	0	2	23

National Data Centre, Faridabad

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24-August-2016

0.00

Between Cauvery and Krishna / Between Pannaiyar and Pennar / 7-Nandi

Vellore	29 (4.17)	0.13	4.17	0.03	3.90	13 44.8%	3 10.34%	1 3.4%	10 34.4%	2 6.90%	0	17	12
Villupuram	40 (1.98)	0.05	1.98	0.05	3.48	13 32.5%	0	0	23 57.5%	4 10.00%	0	13	27
Virudhunagar	16 (3.15)	2.00	3.15	0.23	6.45	1 6.2%	2 12.50%	0	7 43.7%	4 25.00%	2 12.9%	3	13
<b>Total</b>	776	2.00	0.07			202	29	22	390	87	38	253	515

## May 2015 & November 2015

The water level fluctuation denotes the cumulative effect of southwest monsoon, early part of northeast monsoon and ground water development during the period. Rise denotes adequate compensation of ground water development by rainfall recharge and fall denotes the inadequacy of recharge during the period.

The statement showing the distribution of ground water monitoring wells falling in different ranges of fluctuation is presented in Table-14. A

comparison of water level shows that a fall in the water level is recorded in 27% of wells analysed, while 73% recorded rise. Salient features of the comparison of water levels are listed below.

1. Rise in water level in the range of 0-2m has been observed in 40% of wells analysed and noted in all the districts and U.T.of Puducherry.
2. Rise in water level in the range of 2-4 m has been observed in 16 % of wells analysed and noted in all districts and U.T. of Puducherry except in Chennai, Kanyakumari and Tiruvannamalai districts.
3. Rise in water level more then 4 m has been observed in 17% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Namakkal, Perambalur (Undivided), Pudukottai, Salem, Thanjavur, Tiruvannamalai, Tiruvallur, Tiruvarur, Tiruchirappalli, Vellore, Villupuram, Virudhunagar.
4. The fall in water level in the range of 0-2m has been observed in 21% of wells analysed, spread all over the State except in Nagapattinam, Tiruvannamalai, Tiruvarur districts and U.T.of Puducherry.
5. The fall in water level in the range of 2-4m has been observed in four percent of wells analysed and noted in Coimbatore, Dharmapuri(Undivided), Dindigul, Erode, Kancheepuram, Karur, Namakkal, Nilgiris, Perambalur, Ramanathapuram, Salem, Theni, Vellore and Villupuram districts.
6. Fall in water level more than 4 m has been observed in two percent of wells analysed and noted in Coimbatore, Erode, Namakkal, Salem, Tirunelveli, Tiruvallur, Trichy and Villupuram districts.

**Table 14**

2.1

**District Wise - Fluctuation and Frequency Distribution From Different Ranges from One Period to Other**

From Year: 2015/May - To Year: 2015/Nov

State : **Pondicherry**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Karaikal	5 (2.99)	0.71	2.99	-	-	4 80.00%	1 20.00%	0	0	0	0	5	0
Pondicherry	5 (2.13)	0.99	2.13	-	-	3 60.00%	2 40.00%	0	0	0	0	5	0
<b>Total</b>	<b>10</b>	<b>0.99</b>	<b>2.13</b>			<b>7</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>

State : **Tamil Nadu**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Chennai	15 (0.87)	0.03	0.87	0.05	1.34	9 60.00%	0	0	6 40.00%	0	0	9	6
Coimbatore	58 (11.70)	0.11	11.70	0.02	33.40	14 24.14%	4 6.90%	2 3.45%	22 37.93%	10 17.24%	6 10.38%	20	38
Cuddalore	30 (8.23)	0.49	8.23	0.99	0.99	14 46.67%	8 26.67%	6 20.00%	1 3.33%	0	0	28	1
Dharmapuri	27 (24.65)	0.08	24.65	1.62	2.10	7 25.93%	7 25.93%	11 40.74%	1 3.70%	1 3.70%	0	25	2

Tamil Nadu / Dindigul / DINDIGUL

0.00

Cauvery / Amaravati To Stanley Reservoir / 4B2A2/Upper

Dindigul	27 (6.97)	0.24	6.97	0.10	3.85	12 44.44%	3 11.11%	3 11.11%	6 22.22%	2 7.41%	0	18	8
Erode	67 (43.79)	0.20	43.79	0.05	5.35	23 34.33%	5 7.46%	14 20.90%	22 32.84%	2 2.99%	1 1.49%	42	25
Kancheepuram	45 (9.40)	0.03	9.40	0.04	3.24	14 31.11%	5 11.11%	11 24.44%	13 28.89%	2 4.44%	0	30	15
Kanyakumari	15 (6.12)	0.16	6.12	0.10	1.14	10 66.67%	0	2 13.33%	3 20.00%	0	0	12	3
Karur	14 (2.68)	0.10	2.68	0.72	2.13	6 42.86%	1 7.14%	0	6 42.86%	1 7.14%	0	7	7
Madurai	22 (3.70)	0.05	3.70	0.05	1.20	8 36.36%	10 45.45%	0	4 18.18%	0	0	18	4
Nagapattinam	13 (3.85)	1.22	3.85	-	-	8 61.54%	5 38.46%	0	0	0	0	13	0
Namakkal	40 (13.50)	0.18	13.50	0.22	20.40	16 40.00%	6 15.00%	11 27.50%	4 10.00%	2 5.00%	1 2.50%	33	7
Nilgiris	7 (2.31)	0.25	2.31	0.05	2.45	4 57.14%	1 14.29%	0	1 14.29%	1 14.29%	0	5	2
Perambalur	22 (7.53)	0.05	7.53	0.09	2.80	6 27.27%	1 4.55%	4 18.18%	8 36.36%	2 9.09%	0	11	10
Pudukkottai	23 (9.35)	0.06	9.35	0.79	1.10	13 56.52%	6 26.09%	1 4.35%	3 13.04%	0	0	20	3

0.00

Ramanathapura	24 (2.08)	0.11	2.08	0.18	2.03	12 50.00%	1 4.17%	0	10 41.67%	1 4.17%	0	13	11
Salem	48 (15.00)	0.12	15.00	0.01	7.20	19 39.58%	11 22.92%	12 25.00%	4 8.33%	1 2.08%	1 2.08%	42	6
Sivaganga	17 (3.83)	0.20	3.83	0.06	1.19	6 35.29%	7 41.18%	0	4 23.53%	0	0	13	4
Thanjavur	15 (11.33)	0.49	11.33	0.48	0.48	6 40.00%	3 20.00%	5 33.33%	1 6.67%	0	0	14	1
Theni	14 (2.65)	0.60	2.65	0.25	3.80	8 57.14%	2 14.29%	0	2 14.29%	2 14.29%	0	10	4
Thiruvannamalai	14 (9.72)	1.72	9.72	-	-	1 7.14%	0	13 92.86%	0	0	0	14	0
Tirunelveli	29 (4.64)	0.05	4.64	0.15	4.65	13 44.83%	5 17.24%	1 3.4%	7 24.14%	0	1 3.4%	19	8
Tiruvallur	37 (5.50)	0.05	5.50	0.01	8.21	18 48.63%	4 10.81%	4 10.81%	10 27.03%	0	1 2.7%	26	11
Tiruvarur	7 (4.32)	1.51	4.32	-	-	1 14.29%	5 71.43%	1 14.29%	0	0	0	7	0
Tiruchy	40 (10.43)	0.04	10.43	0.33	5.12	21 52.50%	7 17.50%	6 15.00%	5 12.50%	0	1 2.5%	34	6
Tuticoin	28 (3.70)	0.29	3.70	0.27	0.60	16 57.14%	9 32.14%	0	3 10.71%	0	0	25	3

0.00

Vellore	30 (11.04)	0.22	11.04	0.07	2.07	6 20.00%	4 13.33%	17 56.6%	1 3.33%	1 3.33%	0	27	2
Vilupuram	40 (5.52)	0.02	5.52	0.24	5.73	13 32.50%	3 7.50%	4 10.00%	15 37.50%	1 2.50%	4 10.00%	20	20
Virudhunagar	18 (8.93)	0.10	8.93	0.22	0.82	9 50.00%	2 11.11%	4 22.22%	3 16.67%	0	0	15	3
<b>Total</b>	786	1.72	0.87			313	125	132	165	29	16	570	210

## **AUGUST 2015 & NOVEMBER 2015:**

The statement showing the distribution of ground water monitoring wells falling in different ranges of fluctuation is presented in Table.15. A comparison of water level shows that a fall in the water level is recorded in 16% of wells analysed, while 84% recorded rise.

1. Rise in the water level in the range of 0-2m has been observed in 42% of wells analysed, spread all over the State and U.T.of Puducherry except in Nilgiris.
2. Rise in the water level in the range of 2-4 m has been observed in 20% of wells analysed and noted all districts except Chennai, Kanyakumari, Tiruvannamalai districts and Puducherry region of U.T.of Puducherry.
3. Rise in water level and more than 4 m has been observed in 22% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Nagapattinam, Namakkal, Perambalur(Undivided), Pudukkottai, Salem, Thanjavur, Theni, Tiruvannamalai, Tirunelveli, Tiruvallur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
4. The fall in water level in the range of 0-2m has been observed in 13% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri (Undivided), Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Nilgiris, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Tirunelveli, Tiruvallur, Tirchy and Villupuram districts.
5. The fall in water level in the range of more than 2 m has been observed in three percent of wells analysed and noted in Coimbatore, Dindigul, Erode, Kanyakumari, Namakkal, Nilgiris, Perambalur, Salem, Theni, Tiruvallur, Tirchy, Vellore and Villupuram districts.

**Table 15**

2.1

**District Wise - Fluctuation and Frequency Distribution From Different Ranges from One Period to Other**

From Year: 2015/Aug - To Year: 2015/Nov

State : **Pondicherry**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Karaikal	5 (3.54)	0.92	3.54	-	-	1 20.00%	4 80.00%	0	0	0	0	5	0
Pondicherry	5 (1.95)	0.29	1.95	-	-	5 100.00%	0	0	0	0	0	5	0
<b>Total</b>	<b>10</b>	<b>0.92</b>	<b>1.95</b>			<b>6</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>

State : **Tamil Nadu**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Chennai	16 (0.42)	0.03	0.42	0.10	0.98	8 50.00%	0	0	7 43.75%	0	0	8	7
Coimbatore	61 (6.46)	0.05	6.46	0.12	22.64	24 39.34%	2 3.28%	2 3.28%	24 39.34%	2 3.28%	6 9.84%	28	32
Cuddalore	30 (10.65)	0.11	10.65	0.74	0.74	12 40.00%	10 33.33%	7 23.33%	1 3.33%	0	0	29	1
Dharmapuri	29 (24.98)	0.25	24.98	0.41	0.41	5 17.24%	9 31.03%	14 48.28%	1 3.43%	0	0	28	1

2.1

Tamil Nadu/ Dindigul / DINDIGUL

0.00

Cauvery/ Amaravati To Stanley Reservoir / 4B2A2/Upper

Dindigul	28 (13.70)	0.10	13.70	2.43	2.43	12 42.86%	6 21.43%	9 32.14%	0	1 3.57%	0	27	1
Erode	69 (13.68)	0.06	13.68	0.02	3.07	32 46.38%	15 21.74%	12 17.39%	7 10.14%	2 2.90%	0	59	9
Kancheepuram	47 (10.00)	0.03	10.00	0.04	1.49	24 51.06%	5 10.64%	12 25.53%	6 12.77%	0	0	41	6
Kanyakumari	15 (4.40)	0.12	4.40	0.17	2.40	10 66.67%	0	2 13.33%	2 13.33%	1 6.67%	0	12	3
Karur	14 (4.00)	0.05	4.00	0.72	0.72	11 78.57%	2 14.29%	0	1 7.14%	0	0	13	1
Madurai	18 (3.95)	0.10	3.95	0.21	0.72	12 66.67%	4 22.22%	0	2 11.11%	0	0	16	2
Nagapattinam	11 (4.82)	1.18	4.82	-	-	3 27.27%	7 63.64%	1 9.09%	0	0	0	11	0
Namakkal	42 (13.30)	0.02	13.30	0.16	16.25	16 38.10%	10 23.81%	13 30.95%	1 2.38%	1 2.38%	1 2.38%	39	3
Nilgiris	7 (2.92)	2.92	2.92	0.33	3.35	0	1 14.29%	0	5 71.43%	1 14.29%	0	1	6
Perambalur	24 (10.93)	0.17	10.93	0.10	4.20	9 37.50%	3 12.50%	6 25.00%	5 20.83%	0	1 4.17%	18	6
Pudukkottai	25 (11.10)	0.20	11.10	0.25	0.33	13 52.00%	8 32.00%	2 8.00%	2 8.00%	0	0	23	2

0.00

Cape Comorinto Cauvery / Cape Comorin To Vaigai / 2-Gundar

Ramanathapura	23 (2.50)	0.04	2.50	0.02	0.18	17 73.9%	2 8.70 %	0	4 17.39%	0	0	19	4
Salem	47 (22.20)	0.11	22.20	2.00	3.75	16 34.0%	10 21.28 %	19 40.4%	1 2.13%	1 2.13%	0	45	2
Sivaganga	17 (3.93)	0.10	3.93	0.45	0.45	11 64.7%	5 29.41 %	0	1 5.88%	0	0	16	1
Thanjavur	16 (7.72)	0.20	7.72	0.25	0.86	7 43.7%	2 12.50 %	5 31.2%	2 12.50%	0	0	14	2
Theni	14 (8.70)	1.10	8.70	1.02	4.50	8 57.1%	3 21.43 %	1 7.1%	1 7.1%	0	1 7.1%	12	2
Thiruvannamalai	17 (11.82)	0.62	11.82	-	-	1 5.88%	0	16 94.1%	0	0	0	17	0
Tirunelveli	30 (7.89)	0.05	7.89	0.79	1.20	6 20.0%	8 26.67 %	14 46.6%	2 6.67%	0	0	28	2
Tiruvallur	41 (4.36)	0.04	4.36	0.06	2.93	19 46.3%	2 4.88 %	1 2.4%	15 36.5%	2 4.88%	0	22	17
Tiruvarur	6 (3.50)	0.14	3.50	-	-	1 16.67%	5 83.33 %	0	0	0	0	6	0
Trichy	43 (14.28)	0.02	14.28	0.28	4.52	16 37.2%	13 30.23 %	10 23.2%	2 4.6%	0	1 2.3%	39	3
Tuticorin	26 (6.25)	0.27	6.25	-	-	7 26.9%	13 50.00 %	6 23.0%	0	0	0	26	0

0.00

Between Cauvery and Krishna / Between Pannaiyar and Pennar / 7-Nandi

Vellore	34 (10.19)	0.06	10.19	4.18	4.18	9 26.4%	7 20.59 %	17 50.0%	0	0	1 2.9%	33	1
Vilupuram	43 (7.49)	0.05	7.49	0.03	4.07	17 39.5%	3 6.98 %	5 11.6%	15 34.8%	2 4.65%	1 2.3%	25	18
Virudhunagar	17 (9.41)	0.40	9.41	-	-	7 41.1%	4 23.53 %	6 35.2%	0	0	0	17	0
<b>Total</b>	810	2.92	0.42			333	159	180	107	13	12	672	132

## **MAY 2015 & JANUARY 2016**

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.

The statement showing the distribution of ground water monitoring wells falling in different ranges of fluctuation is presented in Table-16. A comparison of water level shows that a rise in the water level is recorded in 86% of wells analysed, while 14% recorded fall.

1. Rise in the water level in the range of 0-2 m has been observed in 40% of wells analysed and noted in all districts of Tamil Nadu and U.T.of Puducherry.
2. Rise in the water level in the range of 2-4 m has been observed in 20% of well analysed and noted in all the districts and Karaikal region of U.T.of Puducherry except Nilgiris, Tiruvarur district.
3. Rise in water level more than 4 m has been observed in 26% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Madurai, Namakkal, Perambalur(Undivided), Pudukkottai, Salem, Thanjavur, Theni, Tiruvannamalai, Tirunelveli, Tiruvallur, Tiruvarur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
4. The fall in water level in the range of 0-2m has been observed in 11% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Madurai, Namakkal, Nilgiris, Perambalur (Undivided), Pudukkottai, Ramanathapuram, Salem, Theni, Tirunelveli, Trichy, Vellore, Virudhunagar districts and Puducherry region of U.T.of Puducherry.
5. The fall in water level more than 2 m has been observed in three percent of wells analysed and noted in Coimbatore, Cuddalore, Dindigul, Erode, Madurai, Namakkal, Salem, Theni, Tiruvannamalai, Tiruvallur, Trichy and Villupuram districts.



**Table 16**

2.1

**District Wise - Fluctuation and Frequency Distribution From Different Ranges from One Period to Other**

From Year: 2015/May - To Year: 2016/Jan

State : **Pondicherry**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Karaikal	5 (2.06)	0.21	2.06	-	-	4 80.0%	1 20.0%	0	0	0	0	5	0
Pondicherry	5 (1.40)	0.53	1.40	0.69	0.69	4 80.0%	0	0	1 20.0%	0	0	4	1
<b>Total</b>	10	0.53	1.40			8	1	0	1	0	0	9	1

State : **Tamil Nadu**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Chennai	16 (7.10)	0.03	7.10	-	-	10 62.5%	4 25.0%	2 12.5%	0	0	0	16	0
Coimbatore	58 (13.05)	0.01	13.05	0.12	35.40	20 34.4%	4 6.9%	6 10.3%	22 37.9%	2 3.4%	2 3.4%	30	26
Cuddalore	31 (8.45)	0.32	8.45	0.03	2.24	16 51.6%	7 22.5%	4 12.9%	3 9.6%	1 3.2%	0	27	4
Dharmapuri	26 (23.57)	0.03	23.57	0.05	1.17	2 7.6%	8 30.7%	12 46.1%	4 15.3%	0	0	22	4

2.1

Tamil Nadu / Dindigul / DINDIGUL

Cauvery / Amaravati To Stanley Reservoir / 4B2A2/Upper

0.00

Dindigul	27 (7.04)	0.20	7.04	0.02	2.50	8 29.6%	3 11.1%	6 22.2%	9 33.3%	1 3.7%	0	17	10
Erode	67 (49.25)	0.15	49.25	0.20	2.65	25 37.3%	10 14.9%	21 31.3%	8 11.9%	3 4.4%	0	56	11
Kancheepuram	46 (10.85)	0.68	10.85	0.35	0.35	8 17.3%	12 26.0%	25 54.3%	1 2.1%	0	0	45	1
Kanyakumari	15 (5.20)	0.24	5.20	0.28	1.72	3 20.0%	1 6.6%	2 13.3%	9 60.0%	0	0	6	9
Karur	15 (3.08)	0.13	3.08	0.08	0.08	13 86.6%	1 6.6%	0	1 6.6%	0	0	14	1
Madurai	23 (6.28)	0.48	6.28	0.09	2.10	9 39.1%	6 26.0%	2 8.7%	4 17.3%	1 4.3%	0	17	5
Nagapattinam	13 (3.20)	0.43	3.20	-	-	11 84.6%	2 15.3%	0	0	0	0	13	0
Namakkal	40 (13.90)	0.05	13.90	1.33	4.70	12 30.0%	2 5.0%	21 52.5%	1 2.5%	2 5.0%	2 5.0%	35	5
Nilgiris	7 (0.50)	0.01	0.50	0.08	1.52	4 57.1%	0	0	3 42.8%	0	0	4	3
Perambalur	22 (9.13)	0.15	9.13	0.03	0.03	4 18.1%	12 54.5%	5 22.7%	1 4.5%	0	0	21	1
Pudukkottai	23 (7.35)	0.02	7.35	0.21	0.21	13 56.5%	6 26.0%	3 13.0%	1 4.3%	0	0	22	1

0.00

Ramanathapura	25 (2.33)	0.02	2.33	0.01	0.70	19 76.00%	1 4.00 %	0	5 20.00%	0	0	20	5
Salem	45 (20.20)	0.01	20.20	0.07	3.64	17 37.78%	9 20.00 %	13 28.89%	5 11.11%	1 2.22%	0	39	6
Sivaganga	17 (3.73)	0.04	3.73	-	-	11 64.71%	6 35.29 %	0	0	0	0	17	0
Thanjavur	15 (8.07)	0.10	8.07	-	-	10 66.67%	2 13.33 %	3 20.00%	0	0	0	15	0
Theni	14 (4.80)	0.48	4.80	0.26	16.90	6 42.86%	2 14.29 %	1 7.14%	3 21.43%	0	2 14.29%	9	5
Thiruvannamala	14 (7.90)	1.00	7.90	2.05	2.05	1 7.14%	1 7.14 %	11 78.5%	0	1 7.14%	0	13	1
Tirunelveli	29 (6.34)	0.10	6.34	0.12	0.14	17 58.62%	7 24.14 %	3 10.34%	2 6.90%	0	0	27	2
Tiruvalur	39 (12.60)	0.61	12.60	4.00	4.00	14 35.90%	15 38.46 %	9 23.08%	0	1 2.56%	0	38	1
Tiruvarur	7 (4.58)	0.92	4.58	-	-	6 85.71%	0	1 14.29%	0	0	0	7	0
Trichy	40 (7.50)	0.20	7.50	0.11	5.06	21 52.50%	6 15.00 %	7 17.50%	5 12.50%	0	1 2.50%	34	6
Tuticorin	27 (8.90)	0.37	8.90	-	-	15 55.56%	9 33.33 %	3 11.11%	0	0	0	27	0

0.00

Vellore	28 (17.14)	1.04	17.14	0.43	0.60	1 3.57%	1 3.57 %	24 85.71%	2 7.14%	0	0	26	2
Vilupuram	39 (17.32)	0.71	17.32	3.05	3.05	12 30.77%	14 35.90 %	12 30.77%	0	1 2.56%	0	38	1
Virudhunagar	18 (10.25)	0.16	10.25	0.75	0.75	5 27.78%	5 27.78 %	7 38.89%	1 5.56%	0	0	17	1
<b>Total</b>	786	1.04	0.50			313	156	203	90	14	7	672	111

## **NOVEMBER 2015 & JANUARY 2016**

The impact of latter part of northeast monsoon is reflected in the water level fluctuation between Nov 2013 and Jan 2014 water levels. Rise denotes the adequate recharge, while fall denotes the inadequate recharge.

The statement showing the distribution of ground water monitoring wells falling in different ranges of fluctuation is presented in Table-17. A comparison of water level shows that a fall in the water level is recorded in 37% of wells analysed, while 63% recorded rise.

1. Rise in the water level in the range of 0-2 m has been observed in 36% of wells analysed and noted in all districts and U.T.of Puducherry except Tiruvannamalai district and Karaikal region of U.T.of Puducherry.
2. Rise in the water level in the range of 2-4 m has been observed in 16% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Perambalur (Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Theni, Tirunelveli, Tiruvallur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
3. Rise in water level more than 4 m has been observed in 11% of wells analysed and observed in Chennai, Coimbatore, Cuddalore, Dharmapuri(Undivided), Erode, Kancheepuram, Madurai, Namakkal, Perambalur(Undivided), Pudukkottai, Salem, Theni, Tirunelveli, Tiruvallur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
4. The fall in water level in the range of 0-2m has been observed in 32% of wells analysed and noted in all the districts of Tamil Nadu and U.T.of Puducherry.
5. The fall in water level more than 4 m has been observed in five percent of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri(Undivided), Erode, Kancheepuram, Madurai, Namakkal, Pudukkottai, Salem, Sivaganga, Thanjavur, Theni, Tiruvannamalai, Trichy, Vellore and Villupuram districts.
6. Fall in water level is partly due to local over draft and inadequacy of the recharge.

Table-17

2.1

## District Wise - Fluctuation and Frequency Distribution From Different Ranges from One Period to Other

From Year: 2015/Nov - To Year: 2016/Jan

State : Pondicherry

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells			
		Rise		Fall		Rise			Fall			Rise	Fall		
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4				
Karaikal	5 (0.00)	-	-	0.13	0.93	0	0	0	5	0	0	100.00%	0	5	
Pondicherry	5 (0.02)	0.02	0.02	0.42	2.75	1	0	0	3	1	0	60.00%	20.00%	1	4
<b>Total</b>	<b>10</b>	<b>0.02</b>	<b>0.02</b>			<b>1</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>0</b>			<b>1</b>	<b>9</b>

State : Tamil Nadu

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells							
		Rise		Fall		Rise			Fall			Rise	Fall						
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4								
Chennai	16 (7.40)	0.03	7.40	0.18	0.37	8	4	1	3	0	0	50.00%	25.00%	6.25%	18.75%	13	3		
Coimbatore	62 (23.75)	0.02	23.75	0.04	14.20	32	11	8	6	2	2	51.61%	17.74%	12.90%	9.68%	3.23%	3.23%	51	10
Cuddalore	28 (4.85)	0.80	4.85	0.24	6.27	1	2	1	17	5	2	3.57%	7.14%	3.57%	60.71%	17.86%	7.14%	4	24
Dharmapuri	30 (5.19)	0.12	5.19	0.05	2.92	7	8	1	11	2	0	23.33%	26.67%	3.33%	36.67%	6.67%		16	13

National Data Centre, Faridabad

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24-August-2016

2.1

Tamil Nadu/ Dindigul / DINDIGUL

0.00

Cauvery / Amaravati To Stanley Reservoir / 4B2A2/Upper

Dindigul	30 (3.55)	0.13	3.55	0.07	1.80	14	4	0	12	0	0	46.67%	13.33%	40.00%	18	12			
Erode	72 (38.82)	0.10	38.82	0.02	7.26	25	15	10	19	2	1	34.72%	20.83%	13.89%	26.39%	2.78%	1.39%	50	22
Kancheepuram	48 (9.05)	0.31	9.05	0.24	3.20	6	11	15	11	5	0	12.50%	22.92%	31.25%	22.92%	10.42%		32	16
Kanyakumari	14 (2.22)	0.08	2.22	0.20	1.15	2	1	0	11	0	0	14.29%	7.14%	78.57%				3	11
Karur	14 (2.88)	0.07	2.88	0.17	0.35	6	5	0	3	0	0	42.86%	35.71%	21.43%				11	3
Madurai	23 (6.56)	0.05	6.56	0.08	4.12	7	2	2	10	1	1	30.43%	8.70%	8.70%	43.48%	4.35%	4.35%	11	12
Nagapattinam	14 (0.07)	0.07	0.07	0.14	1.15	1	0	0	13	0	0	7.14%		92.86%				1	13
Namakkal	41 (16.15)	0.03	16.15	0.10	9.44	17	6	9	5	1	2	41.46%	14.63%	21.95%	12.20%	2.44%	4.88%	32	8
Nilgiris	7 (0.93)	0.17	0.93	0.25	1.95	2	0	0	5	0	0	28.57%		71.43%				2	5
Perambalur	24 (16.42)	0.10	16.42	0.15	1.18	7	11	4	2	0	0	29.17%	45.83%	16.67%	8.33%			22	2
Pudukkottai	25 (4.92)	0.25	4.92	0.05	4.02	10	3	1	10	0	1	40.00%	12.00%	4.00%	40.00%		4.00%	14	11

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0.00

Ramanathapura	25 (3.15)	0.03	3.15	0.14	1.35	16 64.00%	2 8.00%	0	6 24.00%	0	0	18	6
Salem	46 (8.56)	0.13	8.56	0.07	3.41	15 32.60%	3 6.52%	1 2.1%	24 52.17%	3 6.52%	0	19	27
Sivaganga	17 (2.30)	0.04	2.30	0.05	3.15	9 52.90%	1 5.88%	0	5 29.40%	1 5.88%	0	10	6
Thanjavur	21 (0.72)	0.31	0.72	0.23	5.29	9 42.80%	0	0	9 42.80%	2 9.52%	1 4.7%	9	12
Theni	13 (4.85)	0.20	4.85	0.01	17.50	4 30.77%	1 7.69%	2 15.38%	5 38.40%	0	1 7.6%	7	6
Thiruvannamala	19 0.00	-	-	0.12	10.72	0	0	0	16 84.20%	2 10.53%	1 5.2%	0	19
Tirunelveli	31 (6.46)	0.04	6.46	0.56	0.79	26 83.87%	2 6.45%	1 3.2%	2 6.4%	0	0	29	2
Tiruvallur	41 (7.10)	0.05	7.10	0.05	1.85	17 41.40%	12 29.27%	8 19.5%	4 9.70%	0	0	37	4
Tiruvavur	8 (0.49)	0.26	0.49	0.31	1.24	2 25.00%	0	0	6 75.00%	0	0	2	6
Tiruchy	42 (5.59)	0.06	5.59	0.04	4.95	14 33.33%	3 7.14%	1 2.3%	21 50.00%	2 4.76%	1 2.3%	18	24
Tuticorin	28 (6.55)	0.03	6.55	0.11	1.11	15 53.57%	2 7.14%	2 7.14%	9 32.14%	0	0	19	9

0.00

Vellore	37 (19.21)	0.04	19.21	0.52	3.63	12 32.43%	5 13.51%	11 29.7%	7 18.92%	1 2.70%	0	28	8
Villupuram	43 (12.86)	0.18	12.86	0.07	2.15	7 16.29%	18 41.86%	13 30.2%	3 6.98%	2 4.65%	0	38	5
Virudhunagar	19 (5.17)	0.06	5.17	0.14	1.43	7 36.84%	5 26.32%	2 10.5%	5 26.32%	0	0	14	5
<b>Total</b>	838	0.80	0.07			298	137	93	260	31	13	528	304

## FLUCTUATION BETWEEN WATER LEVELS OF CONSECUTIVE YEARS

The fluctuation between water levels of two consecutive years indicates the net change in ground water storage resulting from recharge and ground water development during the consecutive years. Rise in water level indicates recharge over and above the ground water development and that recharge during the previous year has compensated the ground water development, while the fall indicates the reverse.

## May 2014 & May 2015

The statement showing the distribution of Ground water monitoring wells falling in different ranges of fluctuation is presented in Table-18 and in plate-VI. A comparison of water level shows a rise in 76% and a fall in 24% of the wells. The fall in the water level implies that there is insufficient recharge to ground water or increased ground water draft or a combination of both.

1. Rise in the water level in the range of 0-2m has been observed in 39% of wells analysed and noted in all the districts and U.T.of Puducherry.
2. Rise in the water level in the range of 2-4m has been observed in 18% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Theni, Tiruvannamalai, Tirunelveli, Tiruvarur, Trichy, Tuticorin, Vellore, Villupuram, Virudhunagar districts and Karaikal region of U.T.of Puducherry.
3. Rise in water level in the range of more the 4m has been observed in 19% of and noted in Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Karur, Madurai, Namakkal, Perambalur (Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Tirunelveli, Tiruvallur, Trichy, Tuticorin, Vellore, Villupuram, Virudhunagar dsitriacts and Karaikal region of U.T.of Puducherry.
4. The fall in water level in the range of 0-2m has been observed in 19% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Madurai, Nagapattinam, Namakkal, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Tiruvannamalai, Tirunelveli, Tiruvallur, Tiruvarur, Trichy, Tuticorin, Vellore, Villupuram, Virudhunagar districts and Puducherry region of U.T.of Puducherry.
5. The fall in water level in the range of 2-4m has been observed in three percent of wells analysed and noted in Cuddalore, Dharmapuri (Undivided), Kancheepuram, Namakkal, Pudukkottai, Ramanathapuram, Salem, Tiruvarur, Trichy, Vellore, Villupuram and Virudhunagar districts.
6. The fall in water level more than 4m has been observed in two percent of wells analysed and noted in Dharmapuri(Undivided), Erode, Kancheepuram, Namakkal, Salem, Trichy, Vellore and Villupuram districts.

**Table-18**

**District Wise - Fluctuation and Frequency Distribution From Different Ranges from One Period to Other**

From Year: 2014/May - To Year: 2015/May

State : **Pondicherry**

DistrictNa	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Karaikal	5 (6.35)	0.03	6.35	-	-	2 40.00%	1 20.00%	2 40.00%	0	0	0	5	0
Pondicherry	5 (1.54)	0.63	1.54	0.02	0.43	2 40.00%	0	0	3 60.00%	0	0	2	3
<b>Total</b>	10	0.63	1.54			4	1	2	3	0	0	7	3

State : **Tamil Nadu**

DistrictNa	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Chennai	14 (2.75)	0.06	2.75	0.13	0.29	8 57.14%	2 14.29%	0	4 28.57%	0	0	10	4
Coimbatore	57 (39.60)	0.45	39.60	0.05	1.43	15 26.32%	14 24.56%	23 40.39%	5 8.77%	0	0	52	5
Cuddalore	34 (21.00)	0.01	21.00	0.21	2.20	14 41.18%	2 5.88%	3 8.89%	14 41.18%	1 2.94%	0	19	15
Dharmapui	28 (6.40)	0.30	6.40	0.26	23.57	8 28.57%	4 14.29%	5 17.86%	7 25.00%	2 7.14%	2 7.14%	17	11

0.00

Dindigul	23 (13.00)	1.13	13.00	0.20	0.53	4 17.39%	6 26.09%	11 47.89%	2 8.70%	0	0	21	2
Erode	65 (42.90)	0.10	42.90	0.07	39.70	17 26.15%	15 23.08%	25 38.46%	4 6.15%	0	3 4.62%	57	7
Kancheepuram	43 (5.40)	0.11	5.40	0.04	5.57	23 53.49%	1 2.33%	3 6.98%	13 30.23%	1 2.33%	2 4.62%	27	16
Kanyakumari	16 (2.80)	0.10	2.80	0.15	0.74	10 62.50%	2 12.50%	0	4 25.00%	0	0	12	4
Kanur	15 (5.14)	0.83	5.14	-	-	4 26.67%	8 53.33%	3 20.00%	0	0	0	15	0
Madurai	23 (10.89)	0.18	10.89	0.30	0.54	10 43.48%	4 17.39%	7 30.49%	2 8.70%	0	0	21	2
Nagapattinam	11 (1.68)	0.04	1.68	0.04	0.08	9 81.82%	0	0	2 18.18%	0	0	9	2
Namakkal	42 (18.30)	0.10	18.30	0.65	11.70	11 26.19%	8 19.05%	11 26.19%	5 11.90%	3 7.14%	3 7.14%	30	11
Nilgiris	7 (1.08)	0.35	1.08	-	-	7 100.00%	0	0	0	0	0	7	0
Perambalur	22 (10.20)	0.01	10.20	0.10	1.59	10 45.45%	2 9.09%	3 13.64%	7 31.82%	0	0	15	7
Pudukkottai	23 (4.02)	0.18	4.02	0.13	2.47	11 47.83%	5 21.74%	1 4.35%	5 21.74%	1 4.35%	0	17	6

0.00

Cape Comorinto Cauvery / Cape Comorinto Vaigai / 2-Gundar

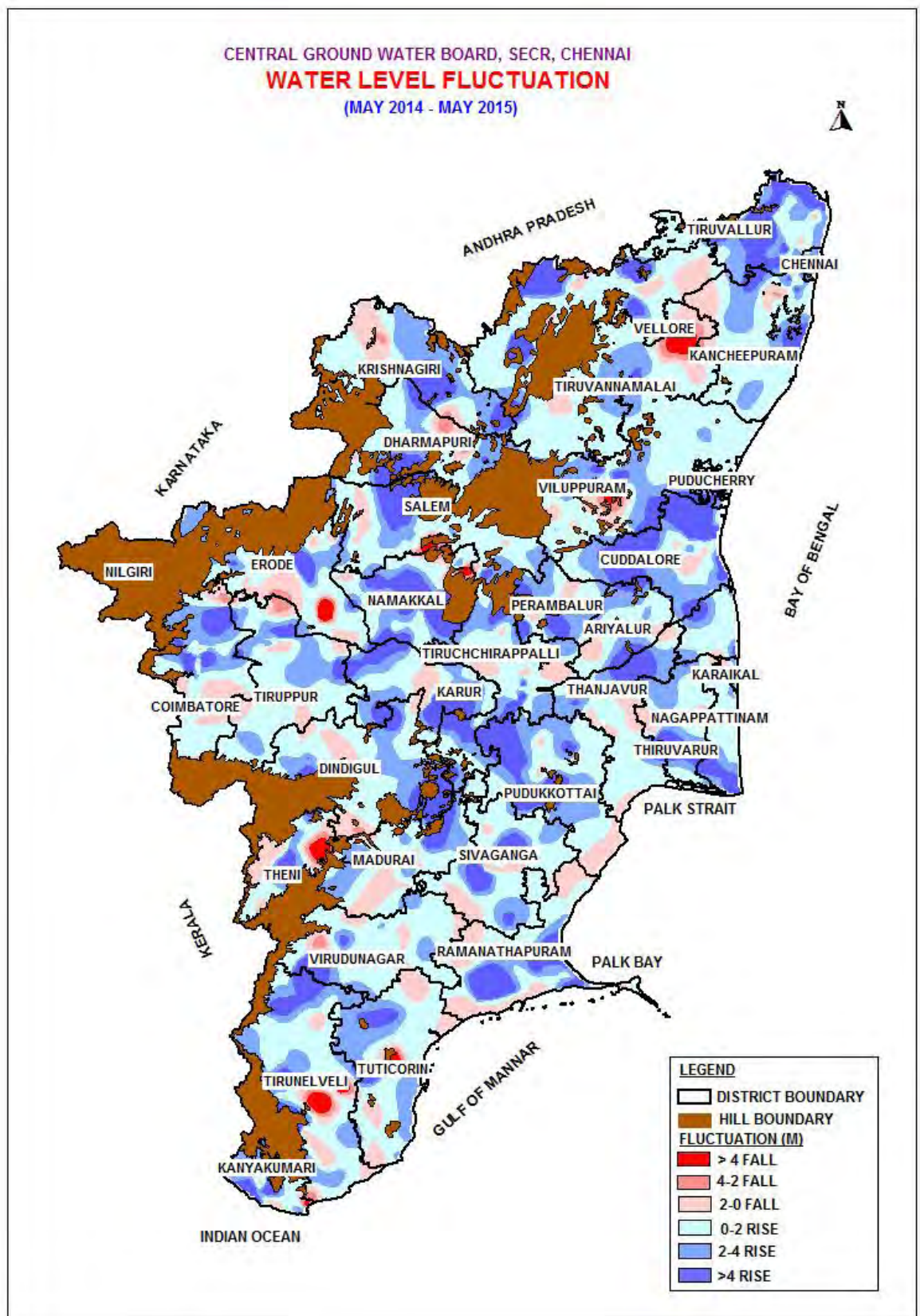
Ramanathapura	25 (6.11)	0.01	6.11	0.21	3.67	18 72.00%	1 4.00%	1 4.00%	3 12.00%	2 8.00%	0	20	5
Salem	49 (19.84)	0.20	19.84	0.20	9.20	10 20.41%	12 24.49%	16 32.65%	8 16.33%	1 2.04%	2 4.08%	38	11
Sivaganga	17 (5.61)	0.05	5.61	0.52	1.60	9 52.90%	4 23.53%	1 5.88%	3 17.69%	0	0	14	3
Thanjavur	15 (5.00)	0.20	5.00	0.20	0.20	12 80.00%	0	1 6.67%	1 6.67%	0	0	13	1
Theni	14 (15.40)	0.25	15.40	-	-	3 21.43%	6 42.86%	5 35.71%	0	0	0	14	0
Thiruvannamala	12 (4.00)	0.82	4.00	0.01	1.20	5 41.67%	4 33.33%	0	3 25.00%	0	0	9	3
Tirunelveli	28 (11.75)	0.15	11.75	0.15	1.30	4 14.29%	7 25.00%	11 39.29%	5 17.80%	0	0	22	5
Tiruvallur	37 (6.98)	0.13	6.98	0.09	2.76	14 37.84%	0	1 2.70%	19 51.33%	3 8.11%	0	15	22
Tiruvarur	7 (2.08)	0.55	2.08	0.38	0.38	5 71.43%	1 14.29%	0	1 14.29%	0	0	6	1
Tnchy	41 (13.90)	0.02	13.90	0.01	6.25	18 43.90%	10 24.39%	6 14.63%	5 12.20%	1 2.44%	1 2.44%	34	7
Tuticorin	28 (12.49)	0.20	12.49	0.52	0.52	18 64.29%	4 14.29%	4 14.29%	1 3.57%	0	0	26	1

0.00

Between Cauvery and Krishna / Between Pannaiyar and Pennar / 7-Nandi

Vellore	31 (4.27)	0.20	4.27	0.20	5.80	11 35.48%	2 6.45%	2 6.45%	9 29.03%	3 9.68%	3 9.68%	15	15
Vilupuram	37 (5.96)	0.47	5.96	0.02	5.00	12 32.43%	11 29.73%	2 5.41%	9 24.32%	2 5.41%	1 2.70%	25	12
Virudhunagar	18 (14.00)	0.30	14.00	0.80	2.51	7 38.89%	3 16.67%	2 11.11%	4 22.22%	2 11.11%	0	12	6
<b>Total</b>	782	1.13	1.08			307	138	147	145	22	17	592	184

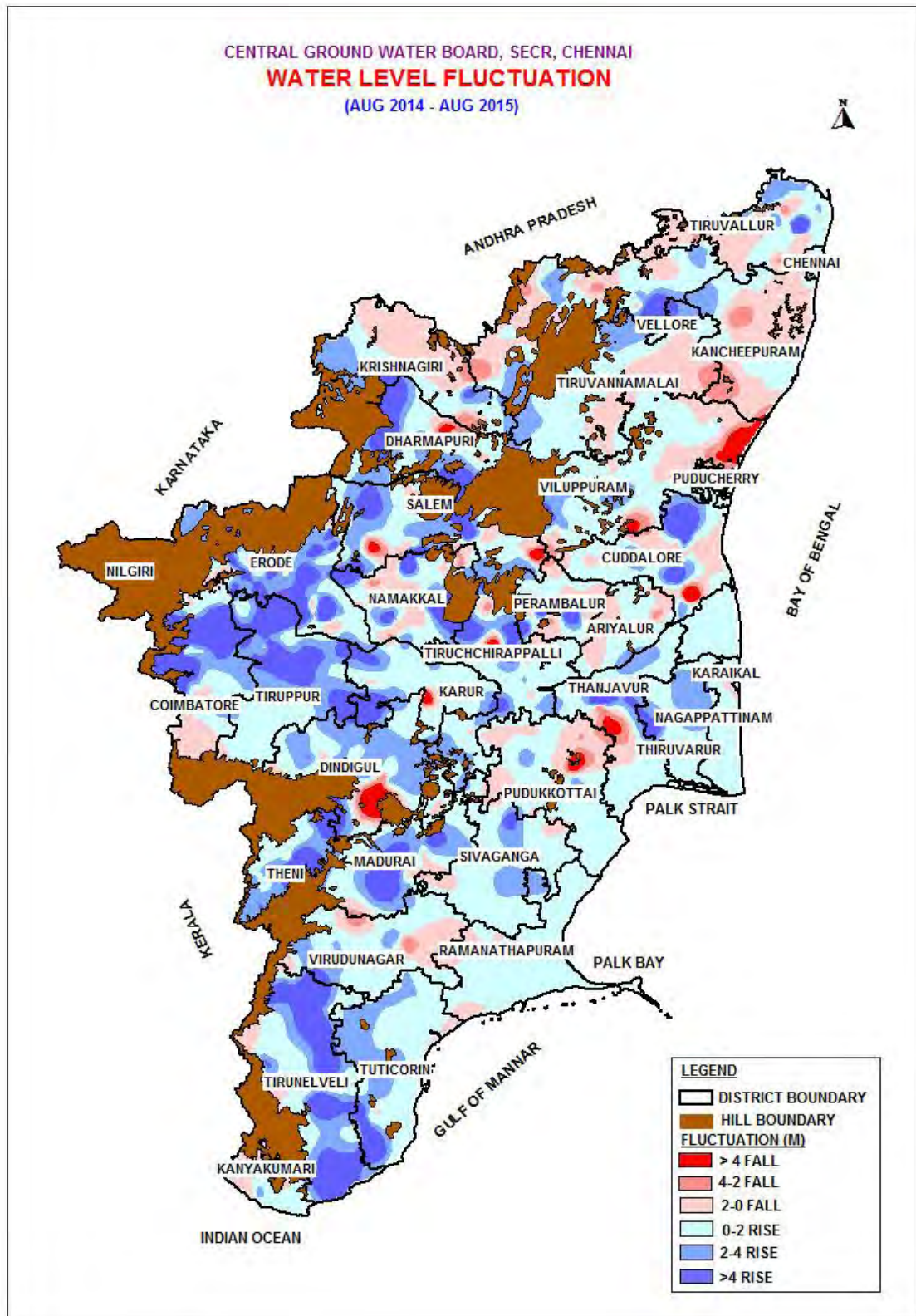




## **AUGUST 2014 & AUGUST 2015:**

The statement showing the distribution of ground water monitoring wells falling in different ranges of fluctuation is presented in Table-19 and in plate-VII.A comparison of water level shows that a rise in the water level is recorded in 70% of wells analysed, while 30% recorded fall.

1. Rise in the water level in the range of 0-2m has been observed in 40% of wells analysed, spread all over the State and U.T.of Puducherry.
2. Rise in the water level in the range of 2-4 m has been observed in 15% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Tiruvannamalai, Tirunelveli, Tiruvallur, Tiruvarur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
3. Rise in water level more then 4 m has been observed in 15% of wells analysed and noted as isolated pockets in Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Karur, Madurai, Namakkal, Perambalur(Undivided), Salem, Thanjavur, Theni, Tirunelveli, Tiruvallur, Tiruvarur, Trichy, Tuticorin, Vellore and Villupuram.
4. The fall in water level in the range of 0-2m has been observed in 23% of wells analysed and spread all over the State and Karaikal region U.T. of Puducherry except Tiruvarur district.
5. The fall in water level in the range of 2-4m.bgl has been observed in five percent of wells analysed and noted in Chennai, Cuddalore, Dharmapuri(Undivided), Dindigul, Kancheepuram, Namakkal, Perambalur(Undivided), Pudukkottai, Salem, Thanjavur, Tiruvallur, Trichy, Vellore, Villupuram and Virudhunagar districts.
6. The fall in water level more than 4 m has been observed two percent of wells analysed and noted as isolated pockets in Cuddalore, Dharmapuri (Undivided), Dindigul, Karur, Pudukkottai, Salem, Thanjavur, Trichy, Vellore and Villupuram districts.



**Table 19**

2.1

**District Wise - Fluctuation and Frequency Distribution From Different Ranges from One Period to Other**

From Year: 2014/Aug - To Year: 2015/Aug

State : **Pondicherry**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Karaikal	5 (0.24)	0.17	0.24	0.03	0.60	3 60.00%	0	0	2 40.00%	0	0	3	2
Pondichery	5 (1.25)	0.20	1.25	-	-	5 100.00%	0	0	0	0	0	5	0
<b>Total</b>	10	0.20	0.24			8	0	0	2	0	0	8	2

State : **Tamil Nadu**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Chennai	16 (2.80)	0.40	2.80	0.26	3.24	6 37.50%	2 12.50%	0	6 37.50%	2 12.50%	0	8	8
Coimbatore	57 (25.78)	0.02	25.78	0.02	1.83	15 26.32%	10 17.54%	26 45.61%	6 10.53%	0	0	51	6
Cuddalore	31 (11.13)	0.03	11.13	0.13	8.50	9 29.03%	2 6.45%	5 16.13%	9 29.03%	2 6.45%	2 6.45%	16	13
Dharmapuri	29 (10.88)	0.07	10.88	0.22	9.79	12 41.38%	2 6.90%	6 20.69%	5 17.24%	2 6.90%	2 6.90%	20	9

2.1

Tamil Nadu / Dindigul / DINDIGUL

0.00

Cauvery / Amaravati To Stanley Reservoir / 4B2A2/Upper

Dindigul	22 (5.10)	0.25	5.10	0.15	9.34	7 31.82%	8 36.36%	2 9.09%	3 13.64%	1 4.55%	1 4.55%	17	5
Erode	67 (37.04)	0.05	37.04	0.20	1.80	18 26.87%	13 19.40%	26 38.81%	9 13.43%	0	0	57	9
Kancheepuram	42 (2.25)	0.01	2.25	0.02	3.65	9 21.43%	1 2.38%	0	26 61.90%	6 14.29%	0	10	32
Kanyakumari	16 (2.88)	0.48	2.88	0.46	0.55	8 50.00%	4 25.00%	0	4 25.00%	0	0	12	4
Karur	15 (6.82)	0.10	6.82	0.28	7.71	8 53.33%	2 13.33%	3 20.00%	1 6.67%	0	1 6.67%	13	2
Madurai	18 (6.51)	0.27	6.51	0.40	1.98	3 16.67%	5 27.78%	4 22.22%	6 33.33%	0	0	12	6
Nagapattinam	11 (1.70)	0.05	1.70	0.42	0.62	9 81.82%	0	0	2 18.18%	0	0	9	2
Namakkal	43 (15.70)	0.10	15.70	0.05	3.84	14 32.56%	5 11.63%	7 16.28%	11 25.58%	6 13.95%	0	26	17
Nilgiris	7 (1.64)	0.22	1.64	0.02	1.43	5 71.43%	0	0	2 28.57%	0	0	5	2
Perambalur	25 (9.65)	0.06	9.65	0.28	2.58	10 40.00%	0	4 16.00%	9 36.00%	2 8.00%	0	14	11
Pudukkottai	24 (2.73)	0.10	2.73	0.08	7.78	12 50.00%	2 8.33%	0	8 33.33%	1 4.17%	1 4.17%	14	10

0.00

Cape Comorinto Cauvery / Cape Comorin To Vaigai / 2-Gundar

Ramanathapura	19 (2.19)	0.02	2.19	0.03	0.16	15 78.9%	1 5.26 %	0	2 10.5%	0	0	16	2
Salem	35 (7.60)	0.42	7.60	0.10	8.73	5 14.2%	10 28.57 %	7 20.0%	7 20.0%	2 5.71%	4 11.4%	22	13
Sivaganga	16 (3.65)	0.05	3.65	0.45	0.45	12 75.0%	3 18.75 %	0	1 6.2%	0	0	15	1
Thanjavur	16 (7.27)	0.09	7.27	0.43	4.99	9 56.2%	1 6.25 %	2 12.5%	2 12.5%	1 6.25%	1 6.2%	12	4
Theni	15 (14.20)	1.05	14.20	0.28	0.46	6 40.0%	3 20.0 %	4 26.6%	2 13.3%	0	0	13	2
Thiruvannamalai	17 (3.20)	0.15	3.20	0.26	1.99	7 41.1%	2 11.76 %	0	8 47.0%	0	0	9	8
Tirunelveli	30 (9.66)	0.02	9.66	0.06	0.26	14 46.6%	3 10.0 %	9 30.0%	4 13.3%	0	0	26	4
Tiruvallur	40 (15.19)	0.02	15.19	0.05	3.19	13 32.5%	4 10.0 %	1 2.5%	18 45.0%	4 10.0%	0	18	22
Tiruvarur	6 (5.84)	0.87	5.84	-	-	3 50.0%	2 33.33 %	1 16.6%	0	0	0	6	0
Trichy	44 (5.88)	0.01	5.88	0.28	5.40	24 54.5%	8 18.18 %	5 11.3%	3 6.8%	2 4.5%	1 2.2%	37	6
Tuticorin	26 (10.20)	0.15	10.20	0.01	1.49	11 42.3%	9 34.62 %	3 11.5%	3 11.5%	0	0	23	3

2.1

Tamil Nadu / Vellore / ARAKONAM

0.00

Between Cauvery and Krishna / Between Pannaiyar and Pennar / 7-Nandi

Vellore	31 (4.09)	0.28	4.09	0.04	6.01	11 35.4%	4 12.90 %	1 3.2%	12 38.7%	2 6.45%	1 3.2%	16	15
Vilupuram	39 (5.26)	0.06	5.26	0.11	9.23	19 48.7%	4 10.26 %	2 5.1%	8 20.5%	1 2.56%	4 10.2%	25	13
Virudhunagar	16 (3.89)	0.05	3.89	0.65	3.77	6 37.5%	5 31.25 %	0	3 18.7%	2 12.5%	0	11	5
<b>Total</b>	773	1.05	1.64			300	115	118	180	36	18	533	234

## **November 2014 & November 2015**

The statement showing the distribution of hydrograph network stations falling in different ranges of fluctuation is presented in Table-20 and in plate-VIII. A comparison of water level shows that a rise in the water level is recorded in 60% of wells analysed, while 40% recorded fall.

1. Rise in the water level in the range of 0-2m has been observed in 32% of wells analysed and noted in all the districts of Tamil Nadu State and U.T.of Puducherry.
2. Rise in the water level in the range of 2-4m has been observed in 15% and noted in Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Madurai, Nagapattinam, Namakkal, Perambalur (Undivided), Pudukkottai, Salem, Sivaganga, Thanjavur, Theni, Tiruvannamalai, Tirunelveli, Tiruvallur, Tiruvarur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
3. Rise in the water level more than 4m has been observed in 13% of the wells analysed and noted in Coimbatore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Madurai, Namakkal, Perambalur(Undivided), Pudukkottai, Salem, Thanjavur, Theni, Tiruvannamalai, Tirunelveli, Tiruvallur, Tiruvarur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
4. The fall in water level in the range of 0-2m has been observed in 25% of wells analysed and noted in all over the State except in Tiruvannamalai district and Karaikal region of U.T.of Puducherry.
5. The fall in water level in the range of 2-4 m has been observed in eight percent of wells analysed and noted in Chennai, Coimbatore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Karur, Madurai, Namakkal, Nilgiris, Perambalur (Undivided), Ramanathapuram, Salem, Sivaganga, Tiruvallur and Villupuram districts.
6. Fall in water level more than 4 m has been observed in seven percent of wells analysed and noted in Chennai, Coimbatore, Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Salem, Theni, Tiruvallur, Tirchy, Vellore and Villupuram districts.

**Table 20**

2.1

**District Wise - Fluctuation and Frequency Distribution From Different Ranges from One Period to Other**

From Year: 2014/Nov - To Year: 2015/Nov

State : **Pondicherry**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells		
		Rise		Fall		Rise			Fall			Rise	Fall	
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4			
Karaikal	5 (1.68)	0.26	1.68	-	-	5 100.0%	0	0	0	0	0	0	5	0
Pondichery	5 (1.68)	0.24	1.68	0.25	0.25	4 80.0%	0	0	1 20.0%	0	0	0	4	1
<b>Total</b>	<b>10</b>	<b>0.26</b>	<b>1.68</b>			<b>9</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>		<b>9</b>	<b>1</b>

State : **Tamil Nadu**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Chennai	14 (1.92)	0.07	1.92	0.44	5.29	2 14.29%	0	0	7 50.0%	4 28.57%	1 7.1%	2	12
Coimbatore	63 (9.85)	0.08	9.85	0.15	32.00	11 17.46%	5 7.94%	2 3.1%	25 39.69%	11 17.46%	8 12.7%	18	44
Cuddalore	29 (8.06)	0.04	8.06	0.10	0.22	18 62.07%	5 17.24%	4 13.7%	2 6.90%	0	0	27	2
Dharmapuri	29 (22.56)	0.06	22.56	0.10	2.80	4 13.79%	14 48.28%	9 31.0%	1 3.4%	1 3.45%	0	27	2

2.1

Tamil Nadu / Dindigul / DINDIGUL

Cauvery / Amaravati To Stanley Reservoir / 4B2A2/Upper

0.00

Dindigul	29 (5.75)	0.22	5.75	0.10	4.75	14 48.29%	2 6.90%	2 6.90%	5 17.24%	3 10.34%	1 3.4%	18	9
Erode	71 (12.35)	0.07	12.35	0.28	7.84	13 18.31%	5 7.04%	9 12.68%	22 30.99%	11 15.49%	10 14.0%	27	43
Kancheepuram	47 (5.43)	0.05	5.43	0.20	10.33	4 8.51%	7 14.89%	5 10.64%	11 23.40%	6 12.77%	14 29.7%	16	31
Kanyakumari	15 (4.08)	0.58	4.08	0.04	6.40	8 53.33%	1 6.67%	1 6.6%	4 26.67%	0	1 6.6%	10	5
Karur	14 (1.46)	0.29	1.46	0.10	4.03	4 28.57%	0	0	6 42.86%	3 21.43%	1 7.1%	4	10
Madurai	24 (7.80)	0.03	7.80	0.05	6.20	6 25.00%	7 29.17%	3 12.50%	5 20.83%	1 4.17%	1 4.1%	16	7
Nagapattinam	14 (3.20)	0.12	3.20	0.11	0.12	9 64.29%	3 21.43%	0	2 14.29%	0	0	12	2
Namakkal	41 (13.63)	0.15	13.63	0.28	17.32	14 34.1%	7 17.07%	4 9.76%	8 19.51%	7 17.07%	1 2.4%	25	16
Nilgiris	7 (0.05)	0.04	0.05	0.04	2.95	3 42.86%	0	0	3 42.86%	1 14.29%	0	3	4
Perambalur	25 (8.07)	0.12	8.07	0.15	3.33	3 12.00%	1 4.00%	4 16.00%	11 44.00%	5 20.00%	0	8	16
Pudukkottai	25 (6.12)	0.15	6.12	0.24	1.03	12 48.00%	6 24.00%	2 8.00%	4 16.00%	0	0	20	4

0.00

Cape Comorinto Cauvery / Cape Comorin To Vaigai / 2-Gundar

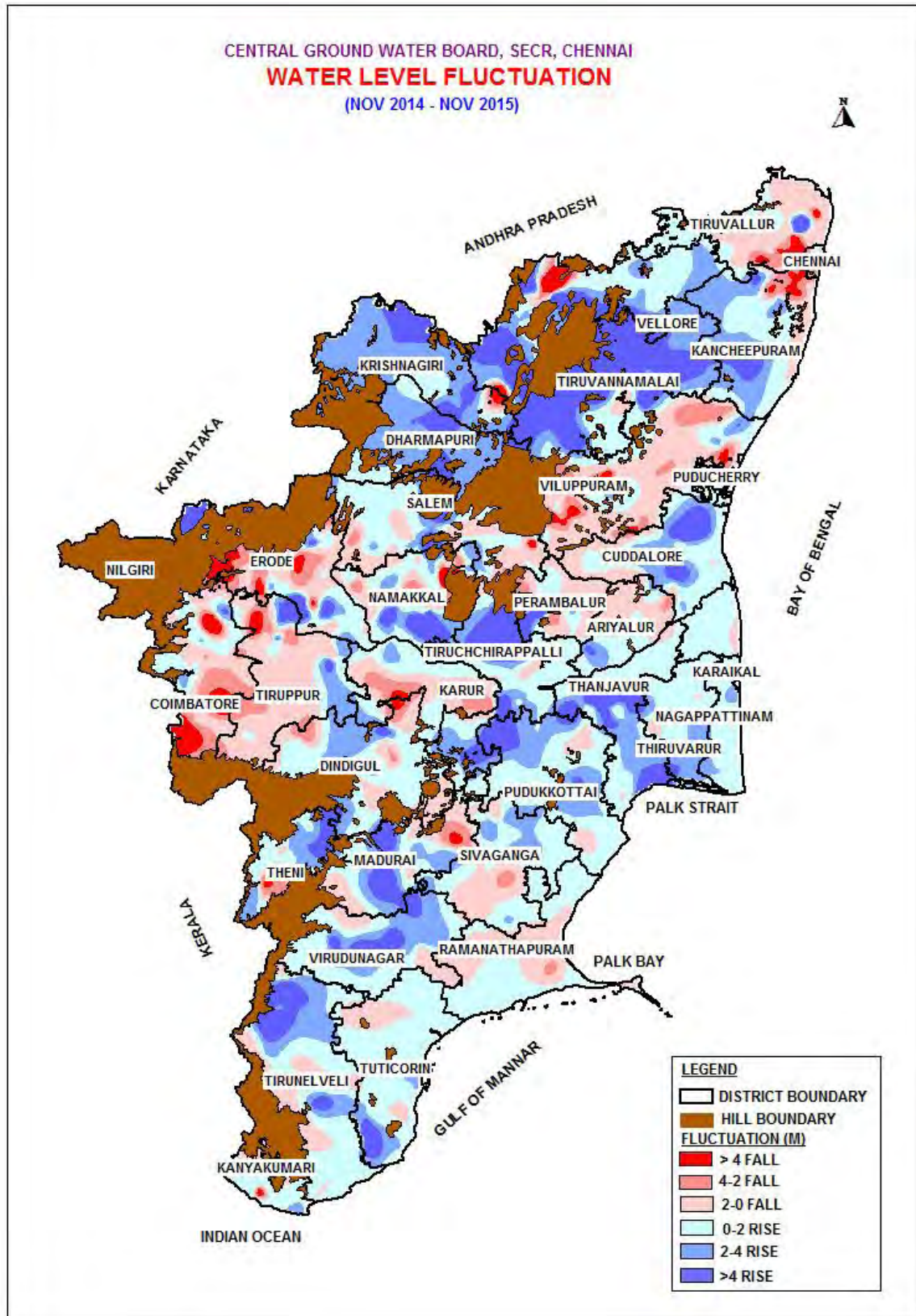
Ramanathapura	24 (1.64)	0.02	1.64	0.35	3.11	16 66.67%	0	0	7 29.17%	1 4.17%	0	16	8
Salem	49 (9.78)	0.03	9.78	0.10	7.75	22 44.90%	10 20.41%	3 6.1%	11 22.43%	1 2.04%	2 4.0%	35	14
Sivaganga	16 (3.72)	0.16	3.72	0.15	2.60	5 31.25%	5 31.25%	0	5 31.25%	1 6.25%	0	10	6
Thanjavur	22 (11.95)	0.07	11.95	0.02	1.75	10 45.45%	3 13.64%	6 27.27%	3 13.64%	0	0	19	3
Theni	14 (5.03)	1.40	5.03	0.38	4.58	6 42.86%	3 21.43%	2 14.29%	2 14.29%	0	1 7.1%	11	3
Thiruvannamala	18 (8.05)	0.69	8.05	-	-	2 11.11%	3 16.67%	13 72.22%	0	0	0	18	0
Tirunelveli	28 (12.82)	0.50	12.82	0.10	0.85	5 17.86%	4 14.29%	5 17.86%	13 46.43%	0	0	14	13
Tiruvalur	39 (15.03)	0.43	15.03	0.17	9.40	5 12.82%	1 2.56%	1 2.56%	22 56.41%	3 7.69%	7 17.9%	7	32
Tiruvarur	9 (4.78)	0.71	4.78	0.11	1.25	4 44.44%	2 22.22%	1 11.11%	2 22.22%	0	0	7	2
Trichy	44 (13.98)	0.19	13.98	0.10	5.42	19 43.18%	3 6.82%	14 31.82%	7 15.91%	0	1 2.2%	36	8
Tuticorin	29 (10.18)	0.04	10.18	0.22	1.86	19 65.52%	5 17.24%	2 6.9%	3 10.34%	0	0	26	3

0.00

Between Cauvery and Krishna / Between Pannaiyar and Pennar / 7-Nandi

Vellore	40 (11.21)	0.20	11.21	0.10	10.66	10 25.00%	15 37.50%	9 22.50%	2 5.00%	0	3 7.5%	34	5
Vilupuram	43 (4.16)	0.08	4.16	0.06	20.53	10 23.26%	2 4.65%	1 2.3%	13 30.23%	10 23.26%	7 16.28%	13	30
Virudhunagar	19 (7.72)	0.08	7.72	0.75	1.72	7 36.84%	5 26.32%	4 21.0%	2 10.53%	0	0	16	2
<b>Total</b>	841	1.40	0.05			265	124	106	208	69	59	495	336





## January 2015 & January 2016

The statement showing the distribution of Ground water monitoring wells falling in different ranges of fluctuation is presented in Table-21 and in plate-IX. A comparison of water level shows that a fall in the water level is recorded in 24% of wells analysed, while 76% recorded rise.

1. Rise in the water level in the range of 0-2m has been observed in 42% of wells analysed and noted in all districts of Tamil Nadu and U.T. of Puducherry.
2. Rise in water level in the range of 2-4 m has been recorded in 18% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri(Undivided), Dindigul, Erode, Kancheepuram, Karur, Madurai, Namakkal, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Thanjavur, Theni, Tiruvannamalai, Tirunelveli, Tiruvallur, Trichy, Vellore, Villupuram and Virudhunagar districts.
3. Rise in water level more than 4 m has been observed in 16% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Karur, Madurai, Namakkal, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Tiruvannamalai, Tirunelveli, Tiruvallur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
4. The fall in water level in the range of 0-2m has been observed in 21% of wells analysed and noted in all the districts of Tamil Nadu and U.T.of Puducherry except in Virudhunagar district.
5. The fall in water level more than 2 m has been observed in three percent of wells analysed and noted in Chennai, Coimbatore, Cuddalore Erode, Namakkal, Salem, Theni, Thiruvannamalai, Tiruvallur, Vellore and Villupuram districts.

**Table-21**

2.1

**District Wise - Fluctuation and Frequency Distribution From Different Ranges from One Period to Other**

From Year: 2015/Jan - To Year: 2016/Jan

State : **Pondicherry**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Karaikal	5 (0.18)	0.10	0.18	0.06	0.20	2 40.00%	0	0	3 60.00%	0	0	2	3
Pondicherry	5 (1.25)	0.12	1.25	0.05	1.51	3 60.00%	0	0	2 40.00%	0	0	3	2
<b>Total</b>	10	0.12	0.18			5	0	0	5	0	0	5	5

State : **Tamil Nadu**

District/Na	No. of	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Chennai	14 (2.81)	0.10	2.81	0.10	3.05	3 21.43%	3 21.43%	0	7 50.00%	1 7.14%	0	6	8
Coimbatore	61 (13.89)	0.04	13.89	0.06	15.93	32 52.40%	4 6.56%	6 9.84%	13 21.30%	2 3.28%	4 6.56%	42	19
Cuddalore	29 (6.07)	0.02	6.07	0.01	2.49	14 48.28%	2 6.90%	1 3.45%	11 37.93%	1 3.45%	0	17	12
Dharmapuri	30 (18.02)	1.44	18.02	0.37	1.14	2 6.67%	14 46.67%	11 36.67%	3 10.00%	0	0	27	3

2.1

Tamil Nadu / Dindigul / DINDIGUL

Cauvery / Amaravati To Stanley Reservoir / 4B2A2/Upper

0.00

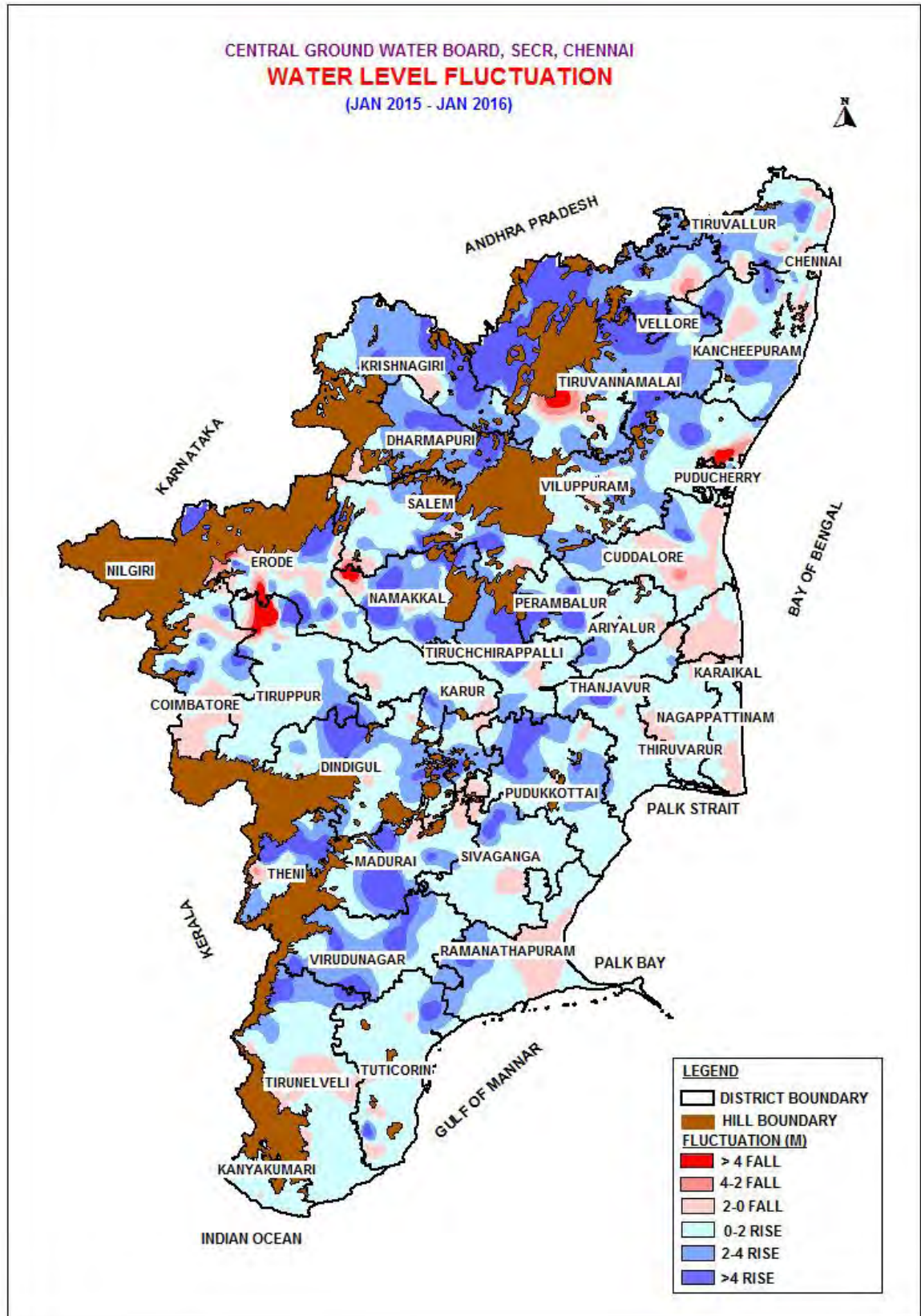
Dindigul	27 (5.15)	0.15	5.15	0.05	0.35	13 48.15%	8 29.63%	1 3.70%	4 14.81%	0	0	22	4
Erode	71 (37.90)	0.02	37.90	0.03	6.85	20 28.17%	11 15.49%	16 22.54%	16 22.54%	4 5.63%	4 5.63%	47	24
Kancheepuram	45 (6.32)	0.04	6.32	0.02	1.58	22 48.89%	7 15.56%	4 8.89%	12 26.67%	0	0	33	12
Kanyakumari	15 (1.85)	0.18	1.85	0.06	0.30	13 86.67%	0	0	2 13.33%	0	0	13	2
Karur	14 (4.62)	0.02	4.62	0.15	1.42	9 64.29%	1 7.14%	1 7.14%	3 21.43%	0	0	11	3
Madurai	24 (8.25)	0.15	8.25	0.05	1.80	10 41.67%	5 20.83%	4 16.67%	4 16.67%	0	0	19	4
Nagapattinam	13 (1.24)	0.12	1.24	0.04	0.40	4 30.77%	0	0	9 69.23%	0	0	4	9
Namakkal	42 (10.06)	0.05	10.06	0.05	7.60	12 28.57%	10 23.81%	13 30.95%	6 14.29%	0	1 2.38%	35	7
Nilgiris	6 (0.45)	0.11	0.45	0.01	1.83	2 33.33%	0	0	4 66.67%	0	0	2	4
Perambalur	23 (18.11)	0.21	18.11	0.03	1.71	11 47.83%	2 8.70%	6 26.09%	4 17.39%	0	0	19	4
Pudukkottai	25 (7.17)	0.05	7.17	0.55	0.74	12 48.00%	7 28.00%	3 12.00%	2 8.00%	0	0	22	2

0.00

Ramanathapura	26 (4.52)	0.15	4.52	0.09	1.45	14 53.8%	2 7.69%	1 3.8%	9 34.6%	0	0	17	9
Salem	44 (12.20)	0.14	12.20	0.20	8.64	21 47.7%	8 18.18%	8 18.18%	6 13.6%	0	1 2.2%	37	7
Sivaganga	17 (5.60)	0.34	5.60	0.70	1.28	12 70.59%	0	2 11.76%	3 17.6%	0	0	14	3
Thanjavur	23 (6.81)	0.01	6.81	0.02	0.65	9 39.13%	4 17.39%	1 4.3%	8 34.7%	0	0	14	8
Theni	14 (17.00)	0.40	17.00	0.41	15.35	3 21.43%	5 35.71%	3 21.4%	1 7.14%	1 7.14%	1 7.1%	11	3
Thiruvannamala	18 (7.50)	0.06	7.50	0.52	5.10	4 22.22%	9 50.00%	3 16.6%	1 5.5%	0	1 5.5%	16	2
Tirunelveli	30 (8.10)	0.12	8.10	0.03	0.25	10 33.33%	3 10.00%	3 10.00%	12 40.00%	0	0	16	12
Tiruvallur	40 (4.67)	0.05	4.67	0.10	2.50	17 42.50%	9 22.50%	2 5.00%	9 22.50%	1 2.50%	0	28	10
Tiruvannur	8 (1.72)	0.02	1.72	0.06	1.08	4 50.00%	0	0	4 50.00%	0	0	4	4
Trichy	42 (13.38)	0.04	13.38	0.01	0.95	17 40.4%	7 16.67%	9 21.4%	9 21.4%	0	0	33	9
Tuticorin	28 (7.20)	0.09	7.20	0.02	0.38	19 67.8%	0	3 10.7%	6 21.4%	0	0	22	6

0.00

Vellore	38 (19.95)	0.90	19.95	0.14	2.68	3 7.8%	10 26.32%	23 60.5%	1 2.63%	1 2.63%	0	36	2
Vilupuram	41 (10.49)	0.11	10.49	0.04	9.31	22 53.6%	10 24.39%	3 7.3%	3 7.3%	2 4.88%	1 2.4%	35	6
Virudhunagar	19 (6.83)	0.10	6.83	-	-	9 47.37%	5 26.32%	5 26.3%	0	0	0	19	0
<b>Total</b>	<b>827</b>	<b>1.44</b>	<b>0.45</b>			<b>343</b>	<b>145</b>	<b>132</b>	<b>172</b>	<b>13</b>	<b>13</b>	<b>621</b>	<b>198</b>



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

The fluctuation of water level recorded during the particular period with respect to decadal mean 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 indicate increased ground water development over and above the recharge.

### **Mean Water Levels For The Period May 2005-2014 & May 2015:**

The water level data for May 2015 were compared with mean water level for the period May 2005-2014. The district-wise distribution of Ground water monitoring wells falling in different ranges of water level fluctuation is presented in Table-22 and Plate-X. A comparison of water level shows a rise in 65% and a fall in 35% of the wells.

1. Rise in the water level in the range of 0-2m has been observed in 41% of wells analysed, spread all over the State and U.T. of Puducherry.
2. Rise in the water level in the range of 2-4 m has been observed in 14% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Perambalur(Undivided), Pudukkottai, Salem, Sivaganga, Thanjavur, Theni, Tirunelveli, Tiruvarur, Trichy, Tiruvallur, Vellore, Villupuram, Virudhunagar districts and Karaikal region of U.T.of Puducherry.
3. Rise in water level more than 4 m has been observed in 10% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Madurai, Namakkal, Perambalur (Undivided), Salem, Sivaganga, Theni, Tirunelveli, Trichy, Tuticorin and Vellore districts.
4. The fall in water level in the range of 0-2m has been observed in 23% of wells analysed and noted in all the districts and U.T. of Puducherry except Karaikal region and Tiruvarur district.
5. The fall in water level in the range of 2-4m has been observed in nine percentage of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Namakkal, Perambalur (Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Tiruvannamalai, Tiruvallur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
6. The fall in water level more than 4 m has been observed in three percentage of wells analysed and noted in Coimbatore,

Dharmapuri(Undivided), Erode, Kancheepuram, Namakkal,  
 Pudukkottai, Salem, Trichy, Tuticorin, Vellore, Villupuram,  
 Virudhunagar districts.

**Table 22**

2.1

**District Wise - Fluctuation of Water Level with Mean and Selected Period**

10 Years Mean ( 2005 May - 2014 May ) - 2015/May

State : **Pondicherry**

DistrictNa	No. of	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Karaikal	5	0.63	3.60	-	-	4	1	0	0	0	0	5	0
Pondicherry	5	0.04	1.14	1.06	1.06	4	0	0	1	0	0	4	1
<b>Total</b>	<b>10</b>	<b>1.14</b>	<b>0.63</b>		<b>40.08</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>1</b>

State : **Tamil Nadu**

DistrictNa	No. of	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Chennai	14	0.07	2.70	0.13	2.30	8	1	0	3	2	0	9	5
Coimbatore	58	0.26	26.01	0.14	5.25	18	15	16	6	2	1	49	9
Cuddalore	35	0.01	9.41	0.06	2.42	15	4	3	12	1	0	22	13
Dharmapuri	28	0.04	5.96	0.10	23.57	9	7	3	4	1	3	19	8

2.1

Tamil Nadu / Dharmapuri

Between Cauvery and Krishna / Between Cauvery and Polar

Dindigul	24	0.04	7.64	0.78	2.64	10	5	5	1	3	0	20	4
Erode	65	0.05	42.90	0.02	40.08	24	10	11	13	2	5	45	20
Kancheepuram	46	0.04	5.02	0.20	6.29	15	1	1	20	8	1	17	29
Kanyakumari	16	0.11	7.91	0.34	0.74	5	5	4	2	0	0	14	2
Karur	15	0.31	3.09	0.43	1.58	8	4	0	3	0	0	12	3
Madurai	24	0.09	6.00	0.32	1.79	15	1	3	5	0	0	19	5
Nagapattinam	13	0.04	1.90	0.04	0.89	10	0	0	3	0	0	10	3
Namakkal	42	0.07	9.40	0.65	11.70	14	6	7	5	5	4	27	14
Nilgiris	7	0.25	0.85	0.08	0.26	4	0	0	3	0	0	4	3

Perambalur	23	0.25	14.88	0.18	3.03	9 39.13 %	2 8.70%	1 4.35%	8 34.78%	3 13.04 %	0	12	11
Pudukkottai	23	0.11	2.96	0.10	6.08	9 39.13 %	3 13.04%	0	6 26.09%	4 17.39 %	1 4.35%	12	11
Ramanathapura	25	0.07	1.46	0.08	3.36	19 76.00 %	0	0	5 20.00%	1 4.00 %	0	19	6
Salem	49	0.20	19.84	0.02	13.17	14 28.57 %	12 24.49%	9 18.37%	8 16.33%	4 8.16 %	2 4.08%	35	14
Sivaganga	17	0.13	6.72	0.47	2.63	7 41.18 %	1 5.88%	1 5.88%	6 35.29%	2 11.76 %	0	9	8
Thanjavur	15	0.09	3.13	0.19	3.21	9 60.00 %	2 13.33%	0	2 13.33%	2 13.33 %	0	11	4
Theni	15	1.19	7.45	0.07	0.56	1 6.67 %	8 53.33%	2 13.33%	3 20.00%	0	0	11	3
Thiruvannamalai	14	0.09	0.62	0.46	3.49	4 28.57 %	0	0	5 35.71%	5 35.71 %	0	4	10
Tirunelveli	29	0.17	7.53	0.26	1.09	14 48.28 %	8 27.59%	4 13.79%	3 10.34%	0	0	26	3
Tiruvallur	38	0.04	6.98	0.13	3.29	15 39.47 %	0	1 2.63%	16 42.11%	6 15.79 %	0	16	22

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2.1

Tamil Nadu / Tiruvallur

Between Cauvery and Krishna / Between Pannaiyar and Pennar

Tiruvarur	7	0.15	2.32	-	-	6 85.71 %	1 14.29%	0	0	0	0	7	0
Tiruchy	41	0.02	4.64	0.00	5.43	22 53.66 %	6 14.63%	3 7.32%	6 14.63%	3 7.32 %	1 2.44%	31	10
Tuticorin	28	0.02	6.89	0.18	5.22	15 53.57 %	3 10.71%	2 7.14%	5 17.86%	1 3.57 %	2 7.14%	20	8
Vellore	31	0.05	4.27	0.01	8.04	6 19.35 %	4 12.90%	1 3.23%	9 29.03%	8 25.81 %	3 9.68%	11	20
Vilupuram	40	0.07	3.61	0.18	26.16	16 40.00 %	4 10.00%	0	15 37.50%	3 7.50 %	2 5.00%	20	20
Virudhunagar	18	0.23	2.80	1.18	6.99	6 33.33 %	2 11.11%	0	5 27.78%	3 16.67 %	2 11.11%	8	10
<b>Total</b>	<b>800</b>	<b>0.62</b>	<b>1.19</b>		<b>40.08</b>	<b>327</b>	<b>115</b>	<b>77</b>	<b>182</b>	<b>69</b>	<b>27</b>	<b>519</b>	<b>278</b>

## Mean Water Levels For The Period August 2005-2014 & August 2015:

The statement showing the distribution of ground water monitoring wells falling in different ranges of fluctuation is presented in Table-23 and Plate-XI. A comparison of water level shows that a rise in the water level is



recorded in 58% of wells analysed, while 42% recorded fall. Salient features of the comparison of water levels are given below.

1. Rise in the water level in the range of 0-2m has been observed in 39% of wells analysed, noted all over the State and U.T. of Puducherry.
2. Rise in the water level in the range of 2-4 m has been observed in 11% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kanyakumari, Karur, Madurai, Namakkal, Perambalur (Undivided), Pudukkottai, Salem, Sivaganga, Thanjavur, Theni, Tiruvannamalai, Tirunelveli, Tiruvallur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
3. Rise in water level more than 4 m has been observed in eight percentage of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri (Undivided), Erode, Kancheepuram, Kanyakumari, Madurai, Namakkal, Perambalur (Undivided), Salem, Sivaganga, Theni, Tirunelveli, Tiruvallur, Trichy, Tuticorin and Vellore districts.
4. The fall in water level in the range of 0-2m has been observed in 29% of wells analysed and spread all over the State and U.T. of Puducherry except Tiruvarur district.
5. The fall in water level in the range of 2-4m has been observed in nine percentage of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dindigul, Erode, Kancheepuram, Karur, Madurai, Namakkal, Perambalur (Undivided), Pudukkottai, Ramanathapuram, Salem, Tiruvannamalai, Tiruvallur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
6. The fall in water level more than 4 m has been observed in four percentage of wells analysed and noted in Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Karur, Namakkal, Pudukkottai, Salem, Tiruvannamalai, Tuticorin, Vellore, Villupuram and Virudhunagar districts.

Table 23

2.1

## District Wise - Fluctuation of Water Level with Mean and Selected Period

10 Years Mean ( 2005 Aug - 2014 Aug ) - 2015/Aug

State : Pondicherry

DistrictNa	No. of	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Karaikal	5	0.86	1.13	0.05	0.21	2	0	0	3	0	0	2	3
						40.00 %			60.00 %				
Pondicherry	5	1.16	1.22	0.21	0.21	4	0	0	1	0	0	4	1
						80.00 %			20.00 %				
<b>Total</b>	<b>10</b>	<b>1.13</b>	<b>1.16</b>		<b>11.65</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>4</b>

State : Tamil Nadu

DistrictNa	No. of	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Chennai	17	0.20	2.40	0.04	2.12	7	1	0	8	1	0	8	9
						41.18 %	5.88 %		47.06 %	5.88 %			
Coimbatore	61	0.09	16.52	0.07	2.17	22	16	15	6	2	0	53	8
						36.07 %	26.23 %	24.59 %	9.84 %	3.28 %			
Cuddalore	34	0.02	13.38	0.20	8.24	13	1	4	13	2	1	18	16
						38.24 %	2.94 %	11.76 %	38.24 %	5.88 %	2.94 %		
Dharmapuri	30	0.07	10.43	0.20	9.49	11	4	5	6	0	4	20	10
						36.67 %	13.33 %	16.67 %	20.00 %		13.33 %		

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2.1

Tamil Nadu / Dharmapuri

Between Cauvery and Krishna / Between Cauvery and Polar

Dindigul	26	0.18	3.20	0.09	11.50	13	2	0	7	2	2	15	11
						50.00 %	7.69 %		26.92 %	7.69 %	7.69 %		
Erode	69	0.04	32.09	0.01	8.49	23	10	16	13	3	4	49	20
						33.33 %	14.49 %	23.19 %	18.84 %	4.35 %	5.80 %		
Kancheepuram	47	.00	6.82	0.01	3.82	9	0	1	27	10	0	10	37
						19.15 %		2.13 %	57.45 %	21.28 %			
Kanyakumari	16	0.06	8.11	0.58	0.58	6	5	4	1	0	0	15	1
						37.50 %	31.25 %	25.00 %	6.25 %				
Karur	15	0.04	2.26	0.01	7.71	8	1	0	4	1	1	9	6
						53.33 %	6.67 %		26.67 %	6.67 %	6.67 %		
Madurai	19	0.06	6.41	0.47	3.29	6	3	2	7	1	0	11	8
						31.58 %	15.79 %	10.53 %	36.84 %	5.26 %			
Nagapattinam	11	0.44	1.04	0.01	0.85	5	0	0	6	0	0	5	6
						45.45 %			54.55 %				
Namakkal	43	0.05	8.28	0.02	5.61	13	6	4	11	6	3	23	20
						30.23 %	13.95 %	9.30 %	25.58 %	13.95 %	6.98 %		
Nilgiris	7	0.57	1.05	0.29	0.93	5	0	0	2	0	0	5	2
						71.43 %			28.57 %				

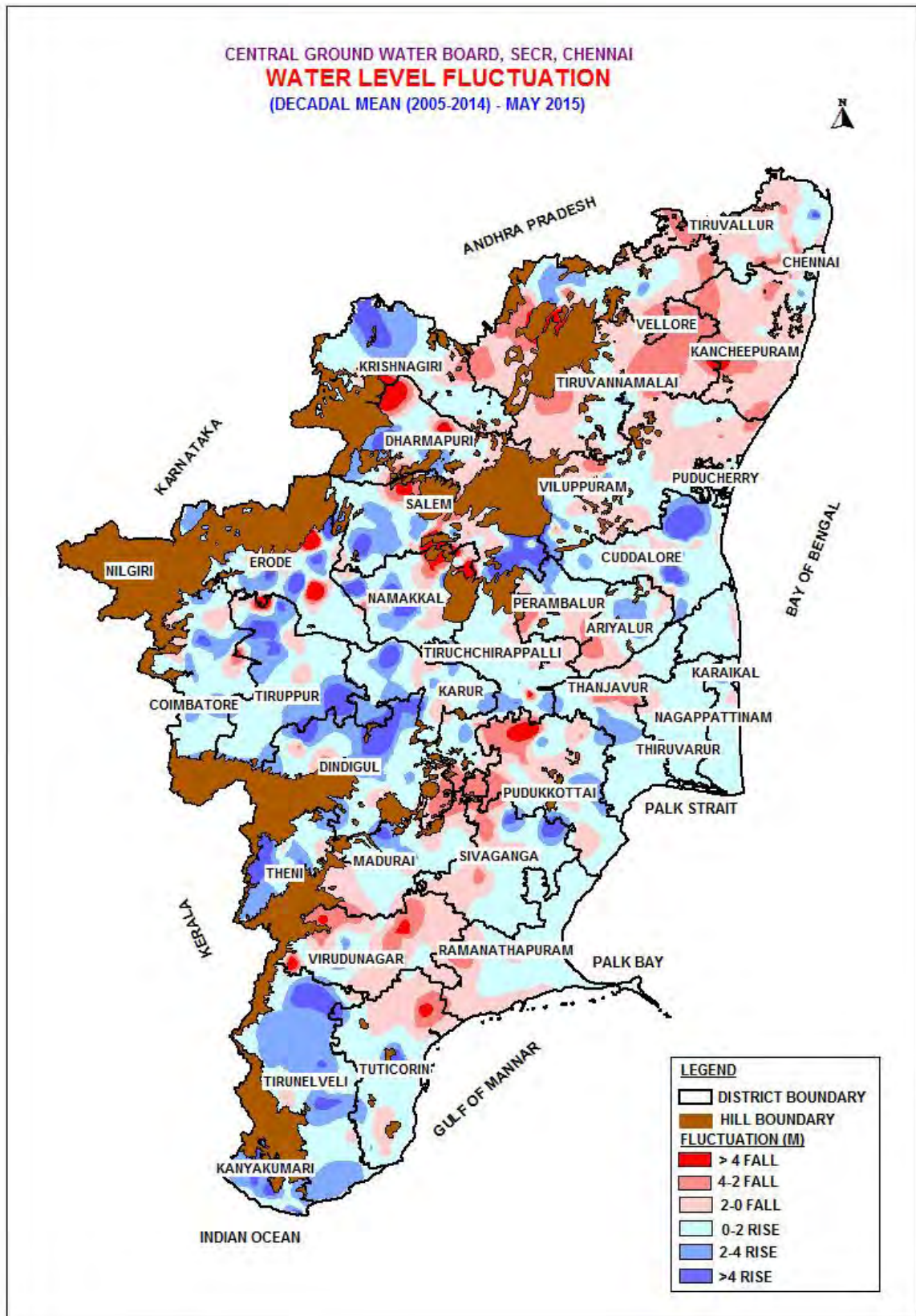
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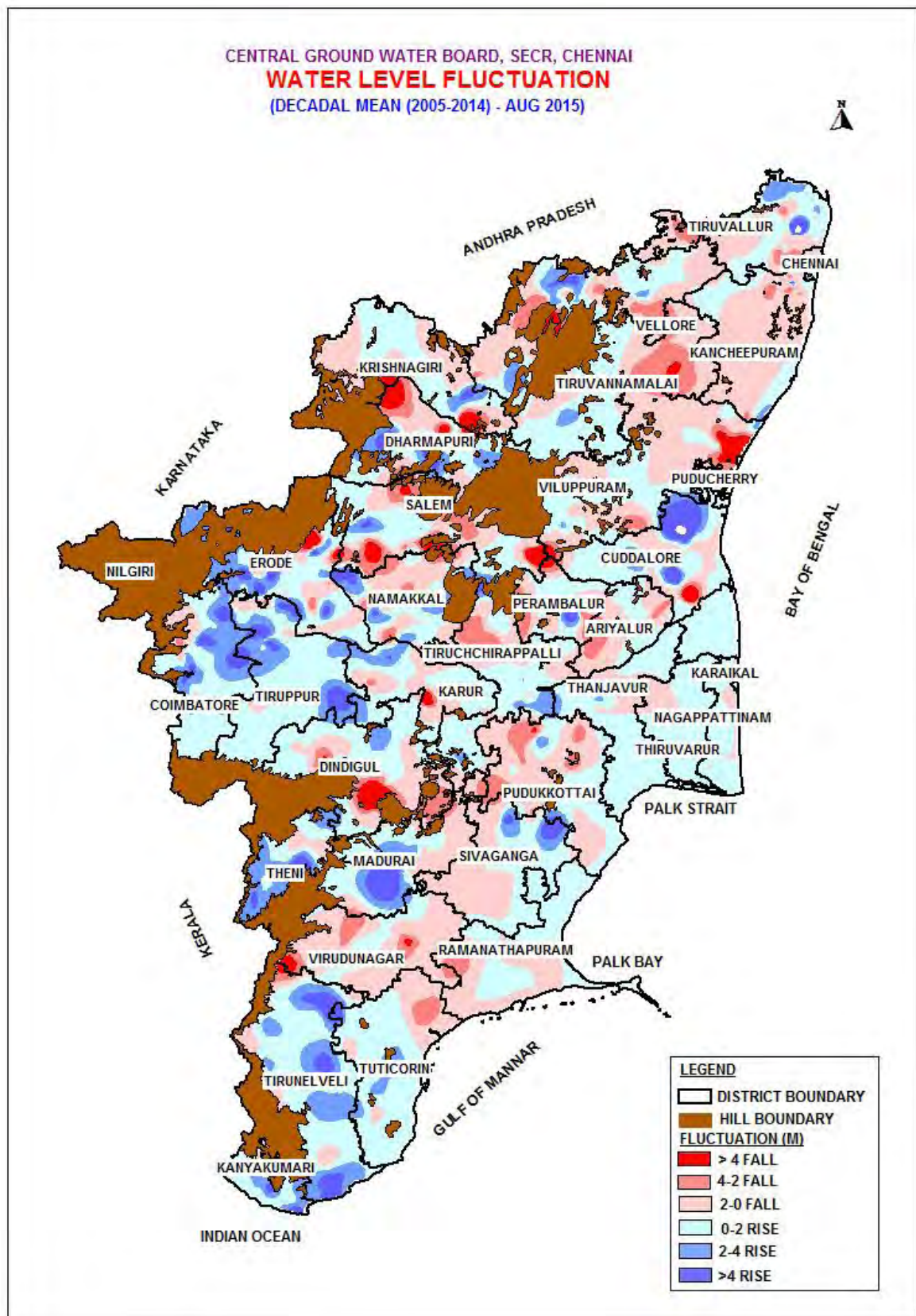
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Perambalur	25	0.23	9.32	0.71	3.71	8 32.00 %	1 4.00%	2 8.00%	5 20.00%	9 36.00 %	0	11	14
Pudukkottai	26	0.09	2.20	0.03	4.33	8 30.77 %	1 3.85%	0	11 42.31%	5 19.23 %	1 3.85%	9	17
Ramanathapura	24	0.01	1.45	0.03	2.30	18 75.00 %	0	0	5 20.83%	1 4.17 %	0	18	6
Salem	35	0.15	4.73	0.03	11.65	12 34.29 %	6 17.14%	1 2.86%	5 14.29%	4 11.43 %	7 20.00%	19	16
Sivaganga	17	0.03	7.16	0.23	1.67	6 35.29 %	1 5.88%	1 5.88%	9 52.94%	0	0	8	9
Thanjavur	16	0.01	2.23	0.23	1.28	10 62.50 %	1 6.25%	0	5 31.25%	0	0	11	5
Theni	16	1.39	6.15	0.28	1.84	5 31.25 %	5 31.25%	2 12.50%	4 25.00%	0	0	12	4
Thiruvannamala	17	0.03	3.03	0.53	4.27	6 35.29 %	1 5.88%	0	4 23.53%	5 29.41 %	1 5.88%	7	10
Tirunelveli	30	0.06	5.36	0.07	1.31	14 46.67 %	5 16.67%	4 13.33%	7 23.33%	0	0	23	7
Tiruvalur	41	0.10	15.19	0.05	3.41	13 31.71 %	3 7.32%	1 2.44%	17 41.46%	7 17.07 %	0	17	24

Tiruvannur	6	.00	1.98	-	-	6 100.00 %	0	0	0	0	0	6	0
Trichy	44	0.01	5.60	0.07	3.77	21 47.73 %	6 13.64%	1 2.27%	13 29.55%	3 6.82 %	0	28	16
Tuticorin	26	0.01	9.61	0.01	4.29	14 53.85 %	3 11.54%	1 3.85%	6 23.08%	1 3.85 %	1 3.85%	18	8
Vellore	34	0.03	4.52	0.27	8.10	11 32.35 %	4 11.76%	2 5.88%	9 26.47%	4 11.76 %	4 11.76%	17	17
Vilupuram	43	0.07	2.42	0.02	9.23	17 39.53 %	2 4.65%	0	19 44.19%	1 2.33 %	4 9.30%	19	24
Virudhunagar	17	0.04	2.20	0.65	4.98	4 23.53 %	1 5.88%	0	7 41.18%	3 17.65 %	2 11.76%	5	12
<b>Total</b>	<b>812</b>	<b>1.04</b>	<b>1.39</b>		<b>11.65</b>	<b>314</b>	<b>89</b>	<b>66</b>	<b>237</b>	<b>71</b>	<b>35</b>	<b>469</b>	<b>343</b>





## **Mean Water Levels For The Period November 2005-2014 & November 2015:**

The statement showing the distribution of ground water monitoring wells falling in different ranges of fluctuation is presented in Table-24 and Plate-XII. A comparison of water level shows that a fall in the water level is recorded in 41% of wells analysed, while 59% recorded rise. Salient features of the comparison of water levels are given below.

1. Rise in the water level in the range of 0-2m has been observed in 33% of wells analysed, noted all over the State and U.T. of Puducherry.
2. Rise in the water level in the range of 2-4 m has been observed in 16% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Madurai, Nagapattinam, Namakkal, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Tiruvannamalai, Tirunelveli, Tiruvarur, Trichy, Tuticorin, Vellore, Villupuram, Virudhunagar districts and U.T.of Puducherry.
3. Rise in water level more than 4 m has been observed in 10% of wells analysed and noted in Coimbatore, Cuddalore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Madurai, Namakkal, Perambalur(Undivided), Pudukkottai, Salem, Sivaganga, Thanjavur, Theni, Tiruvannamalai, Tirunelveli, Tiruvallur, Trichy, Tuticorin, Vellore and Virudhunagar districts.
4. The fall in water level in the range of 0-2m has been observed in 25% of wells analysed and spread all over the State except in Nagapattinam, Tiruvannamalai districts and U.T.of Puducherry.
5. The fall in water level in the range of 2-4m has been observed in 10% of wells analysed and noted in Chennai, Coimbatore, Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Namakkal, Nilgiris, Perambalur(Undivided), Pudukkottai, Ramanathapuram, Salem, Sivaganga, Tiruvallur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
6. Fall in water level more than 4 m has been observed in six percent of wells analysed and noted in Chennai, Coimbatore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Karur, Madurai, Namakkal, Perambalur (Undivided), Pudukkottai, Salem, Theni, Tiruvallur, Trichy, Tuticorin, Vellore, Villupuram and Virudhunagar districts.

Table 24

2.1

## District Wise - Fluctuation of Water Level with Mean and Selected Period

10 Years Mean ( 2005 Nov - 2014 Nov ) - 2015/Nov

State : Pondicherry

DistrictNa	No. of	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Karaikal	5	0.56	2.17	-	-	4 80.00%	1 20.00%	0	0	0	0	5	0
Pondicherry	5	0.23	2.25	-	-	4 80.00%	1 20.00%	0	0	0	0	5	0
<b>Total</b>	<b>10</b>	<b>2.17</b>	<b>0.56</b>		<b>27.10</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>

State : Tamil Nadu

DistrictNa	No. of	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Chennai	15	0.07	0.07	0.39	4.48	1 6.67%	0	0	8 53.33%	5 33.33%	1 6.67%	1	14
Coimbatore	64	0.04	27.40	0.01	22.02	14 21.88%	7 10.94%	8 12.50%	19 29.69%	10 15.63%	6 9.38%	29	35
Cuddalore	30	0.03	8.32	0.26	1.09	17 56.67%	6 20.00%	4 13.33%	2 6.67%	0	0	27	2
Dharmapuri	31	0.77	20.69	0.04	6.09	7 22.58%	10 32.26%	11 35.48%	2 6.45%	0	1 3.23%	28	3

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2.1

Tamil Nadu / Dharmapuri

Between Cauvery and Krishna / Between Cauvery and Polar

Dindigul	30	0.18	5.75	0.10	7.35	14 46.67%	3 10.00%	2 6.67%	6 20.00%	4 13.33%	1 3.33%	19	11
Erode	73	0.02	17.35	0.05	5.68	20 27.40%	4 5.48%	11 15.07%	29 39.73%	8 10.96%	1 1.37%	35	38
Kancheepuram	48	0.03	4.77	0.22	7.97	10 20.83%	5 10.42%	2 4.17%	10 20.83%	11 22.92%	10 20.83%	17	31
Kanyakumari	15	0.44	12.17	0.28	3.43	8 53.33%	3 20.00%	2 13.33%	1 6.67%	1 6.67%	0	13	2
Karur	14	0.25	1.53	0.10	4.01	3 21.43%	0	0	8 57.14%	2 14.29%	1 7.14%	3	11
Madurai	24	0.01	7.85	0.64	4.65	8 33.33%	8 33.33%	1 4.17%	6 25.00%	0	1 4.17%	17	7
Nagapattinam	14	0.21	2.55	-	-	13 92.86%	1 7.14%	0	0	0	0	14	0
Namakkal	42	0.06	10.37	0.04	17.08	10 23.81%	9 21.43%	3 7.14%	10 23.81%	7 16.67%	3 7.14%	22	20
Nilgiris	7	0.04	1.34	0.23	2.72	3 42.86%	0	0	3 42.86%	1 14.29%	0	3	4

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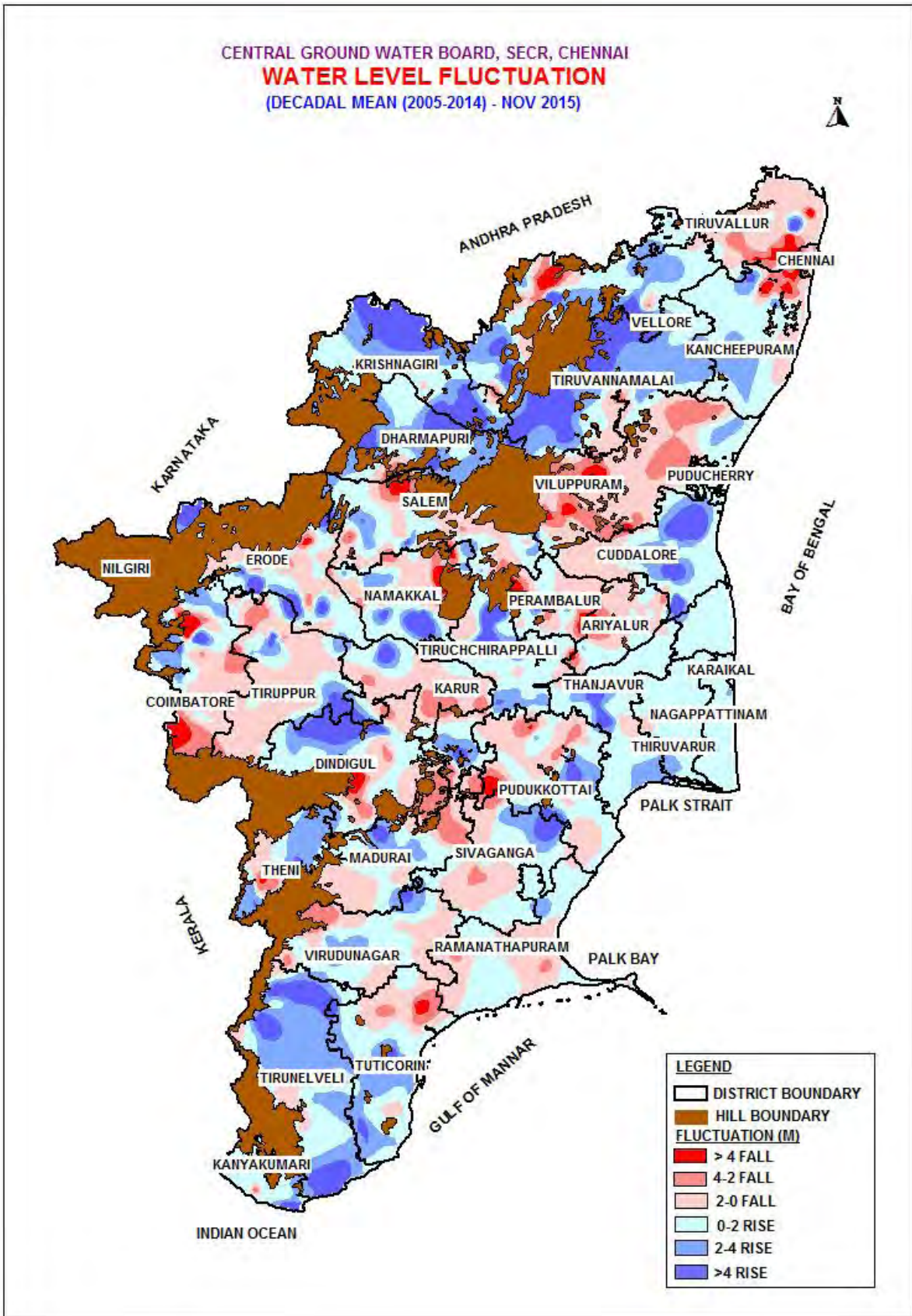
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Perambalur	25	0.12	4.94	0.01	6.24	5 20.00 %	2 8.00%	1 4.00%	9 36.00%	5 20.00 %	3 12.00%	8	17
Pudukkottai	25	0.13	4.52	0.26	4.98	9 36.00 %	3 12.00%	1 4.00%	7 28.00%	3 12.00 %	2 8.00%	13	12
Ramanathapura	25	0.08	2.39	0.05	3.11	13 52.00 %	1 4.00%	0	9 36.00%	2 8.00 %	0	14	11
Salem	50	0.03	6.25	0.06	4.84	22 44.00 %	10 20.00%	2 4.00%	12 24.00%	1 2.00 %	3 6.00%	34	16
Sivaganga	17	0.51	10.28	0.91	2.28	6 35.29 %	2 11.76%	1 5.88%	7 41.18%	1 5.88 %	0	9	8
Thanjavur	22	0.14	5.52	0.57	0.97	14 63.64 %	2 9.09%	3 13.64%	3 13.64%	0	0	19	3
Theni	14	0.05	4.22	0.22	4.42	2 14.29 %	8 57.14%	2 14.29%	1 7.14%	0	1 7.14%	12	2
Thiruvannamala	19	1.16	6.01	-	-	4 21.05 %	7 36.84%	8 42.11%	0	0	0	19	0
Tirunelveli	32	0.05	7.64	0.08	0.75	10 31.25 %	11 34.38%	5 15.63%	6 18.75%	0	0	26	6
Tiruvallur	41	0.55	7.77	0.07	9.40	4 9.76 %	0	1 2.44%	22 53.66%	6 14.63 %	8 19.51%	5	36

Tiruvallur	9	0.37	3.05	0.90	0.90	7 77.78 %	1 11.11%	0	1 11.11%	0	0	8	1
Trichy	44	0.03	12.03	0.25	5.42	20 45.45 %	7 15.91%	9 20.45%	6 13.64%	1 2.27 %	1 2.27%	36	8
Tuticorin	29	0.60	6.78	0.03	4.79	11 37.93 %	7 24.14%	4 13.79%	4 13.79%	2 6.90 %	1 3.45%	22	7
Vellore	40	0.48	11.51	0.71	6.71	12 30.00 %	12 30.00%	4 10.00%	6 15.00%	4 10.00 %	2 5.00%	28	12
Villupuram	44	0.08	2.96	0.11	27.10	5 11.36 %	3 6.82%	0	14 31.82%	13 29.55 %	9 20.45%	8	36
Virudhunagar	19	0.08	4.49	0.86	3.96	7 36.84 %	3 15.79%	1 5.26%	6 31.58%	2 10.53 %	0	11	8
<b>Total</b>	<b>862</b>	<b>0.07</b>	<b>1.16</b>		<b>27.10</b>	<b>279</b>	<b>135</b>	<b>86</b>	<b>217</b>	<b>89</b>	<b>55</b>	<b>500</b>	<b>361</b>



CENTRAL GROUND WATER BOARD, SECR, CHENNAI  
**WATER LEVEL FLUCTUATION**  
(DECADAL MEAN (2005-2014) - NOV 2015)



## **Mean Water Levels For The Period January 2006-2015 & January 2016:**

The distribution of hydrograph network stations falling in different ranges of fluctuation is presented in Table-25 and plate-XIII. A comparison of water levels shows that a rise in the water level is recorded in 74% of wells analysed, while 26 % recorded fall.

1. Rise in the water level in the range of 0-2m has been observed in 49% of wells analysed, spread all over the State and U.T. of Puducherry.
2. Rise in the water level in the range of 2-4 m has been observed in 14% of wells analysed and noted in Chennai, Coimbatore, Dharmapuri (Undivided), Dindigul, Erode, Kancheepuram, Kanyakumari, Madurai, Namakkal, Perambalur(Undivided), Pudukkottai, Salem, Theni, Trichy, Tirunelveli, Tiruvallur, Tiruvannamalai, Vellore, Villupuram and Virudhunagar districts.
3. Rise in water level more than 4 m has been observed in 11% of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dharmapuri (Undivided), Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Perambalur (Undivided), Salem, Sivaganga, Theni, Trichy, Tirunelveli, Tiruvannamalai, Tuticorin, Vellore, Villupuram and Virudhunagar districts.
4. The fall in water level in the range of 0-2m has been observed in 21% of wells analysed and noted in all the districts and U.T. of Puducherry except Kanyakumari district.
5. The fall in water level in the range of 2-4m has been observed in three percent of wells analysed and noted in Chennai, Coimbatore, Cuddalore, Dindigul, Erode, Madurai, Nilgiris, Pudukkottai, Salem, Sivaganga, Trichy and Virudhunagar districts.
6. The fall in water level more than 4 m has been observed in two percent of wells analysed and noted in Coimbatore, Dindigul, Erode, Karur, Madurai, Namakkal, Perambalur (Undivided), Pudukkottai, Salem, Theni, Tiruvannamalai and Villupuram.

Table 25

2.1

## District Wise - Fluctuation of Water Level with Mean and Selected Period

10 Years Mean ( 2006 Jan - 2015 Jan ) - 2016/Jan

State : Pondicherry

District/Na	No. of	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Karaikal	5	0.46	0.67	0.00	0.28	2	0	0	3	0	0	2	3
						40.00 %			60.00 %				
Pondichery	5	.00	0.92	0.82	1.13	3	0	0	2	0	0	3	2
						60.00 %			40.00 %				
<b>Total</b>	<b>10</b>	<b>0.67</b>	<b>0.46</b>		<b>20.19</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>5</b>

State : Tamil Nadu

District/Na	No. of	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
Chennai	17	0.10	6.70	0.09	3.19	4	2	1	9	1	0	7	10
						23.53 %	11.76 %	5.88 %	52.94 %	5.88 %			
Coimbatore	62	0.02	10.49	0.02	17.87	26	12	7	10	2	5	45	17
						41.94 %	19.35 %	11.29 %	16.13 %	3.23 %	8.06 %		
Cuddalore	31	0.01	6.07	0.01	2.49	17	0	1	11	2	0	18	13
						54.84 %		3.23 %	35.48 %	6.45 %			
Dharmapuri	31	1.43	13.60	0.15	0.69	5	15	9	2	0	0	29	2
						16.13 %	48.39 %	29.03 %	6.45 %				

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2.1

Tamil Nadu / Dharmapuri

Between Cauvery and Krishna / Between Cauvery and Polar

Dindigul	30	0.19	9.90	0.17	4.04	11	5	5	7	1	1	21	9
						36.67 %	16.67 %	16.67 %	23.33 %	3.33 %	3.33 %		
Erode	72	0.11	29.33	0.02	18.01	27	7	15	18	3	2	49	23
						37.50 %	9.72 %	20.83 %	25.00 %	4.17 %	2.78 %		
Kancheepuram	49	0.11	5.06	0.18	1.34	35	5	1	8	0	0	41	8
						71.43 %	10.20 %	2.04 %	16.33 %				
Kanyakumari	15	0.23	9.83	-	-	11	2	2	0	0	0	15	0
						73.33 %	13.33 %	13.33 %					
Karur	15	0.15	4.22	0.02	4.10	7	0	1	6	0	1	8	7
						46.67 %		6.67 %	40.00 %		6.67 %		
Madurai	25	0.03	4.42	0.25	4.88	9	7	2	5	1	1	18	7
						36.00 %	28.00 %	8.00 %	20.00 %	4.00 %	4.00 %		
Nagapattinam	14	0.01	1.01	0.06	0.29	12	0	0	2	0	0	12	2
						85.71 %			14.29 %				
Namakkal	42	0.04	9.57	0.16	7.05	18	8	9	5	0	1	35	6
						42.86 %	19.05 %	21.43 %	11.90 %		2.38 %		
Nilgiris	7	0.01	0.48	0.22	2.61	3	0	0	3	1	0	3	4
						42.86 %			42.86 %	14.29 %			

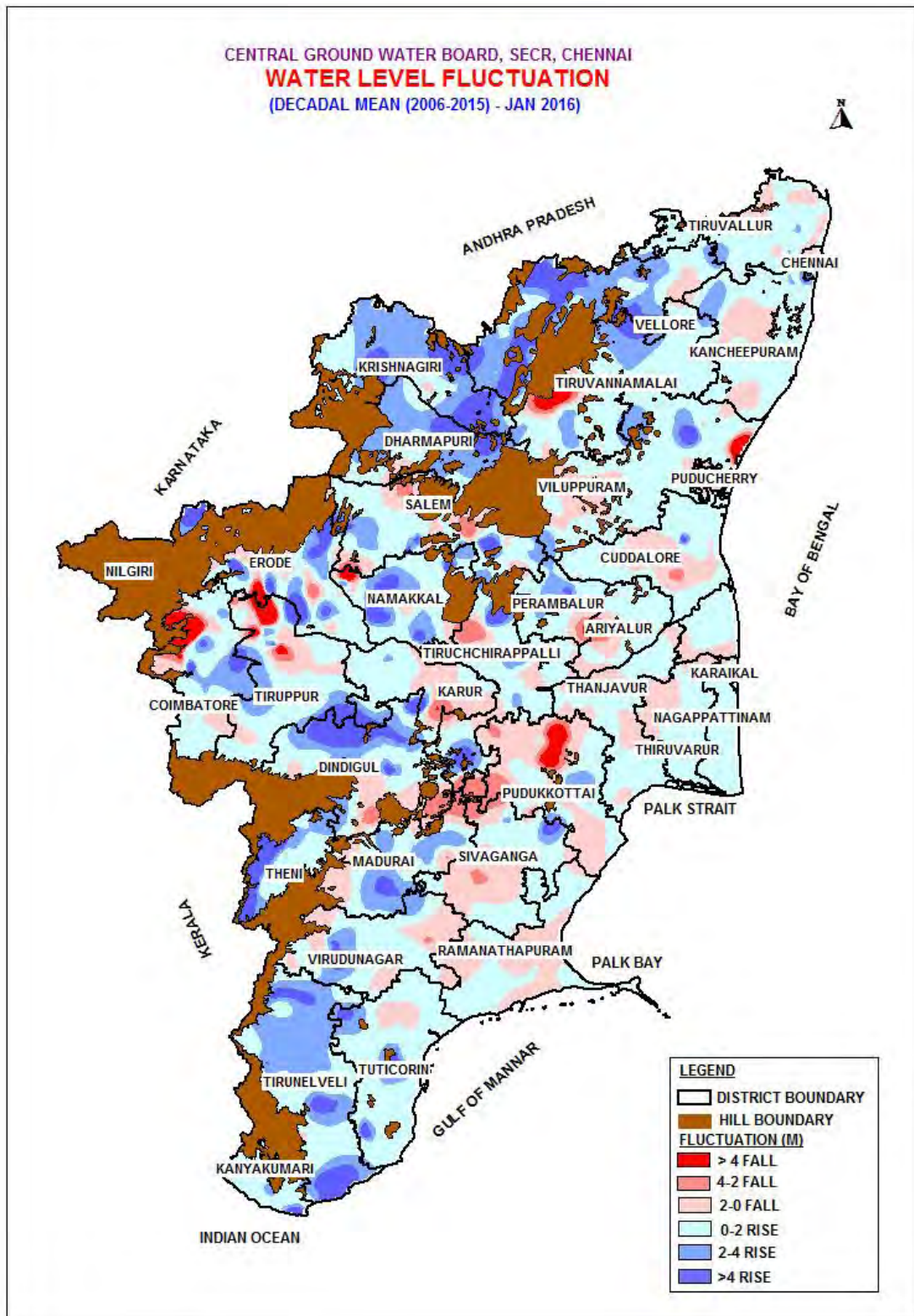
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Perambalur	25	0.01	19.62	0.05	5.17	15 60.00 %	2 8.00%	2 8.00%	5 20.00%	0	1 4.00%	19	6
Pudukkottai	27	0.04	3.62	0.05	6.43	12 44.44 %	1 3.70%	0	8 29.63%	4 14.81 %	2 7.41%	13	14
Ramanathapura	26	0.05	1.95	0.10	1.54	18 69.23 %	0	0	8 30.77%	0	0	18	8
Salem	45	0.13	12.20	0.15	6.54	21 46.67 %	8 17.78%	5 11.11%	8 17.78%	2 4.44 %	1 2.22%	34	11
Sivaganga	18	0.19	5.35	0.03	3.52	7 38.89 %	0	1 5.56%	8 44.44%	2 11.11 %	0	8	10
Thanjavur	23	0.01	1.69	0.03	0.96	14 60.87 %	0	0	9 39.13%	0	0	14	9
Theni	14	0.62	10.74	0.05	15.67	3 21.43 %	5 35.71%	3 21.43%	2 14.29%	0	1 7.14%	11	3
Thiruvannamala	19	.00	4.54	0.09	7.19	12 63.16 %	4 21.05%	1 5.26%	1 5.26%	0	1 5.26%	17	2
Tirunelveli	35	0.01	6.79	0.13	0.13	20 57.14 %	6 17.14%	8 22.86%	1 2.86%	0	0	34	1
Tiruvallur	43	0.04	2.94	0.01	1.67	30 69.77 %	4 9.30%	0	9 20.93%	0	0	34	9

Tiruvannur	8	0.12	1.22	0.33	0.95	5 62.50 %	0	0	3 37.50%	0	0	5	3
Trichy	43	.00	9.12	0.01	3.73	21 48.84 %	7 16.28%	3 6.98%	10 23.26%	2 4.65 %	0	31	12
Tuticorin	28	0.19	6.69	1.02	1.03	23 82.14 %	0	3 10.71%	2 7.14%	0	0	26	2
Vellore	39	0.06	17.50	0.26	1.77	8 20.51 %	13 33.33%	16 41.03%	2 5.13%	0	0	37	2
Villupuram	43	0.09	9.10	0.00	20.19	23 53.49 %	2 4.65%	1 2.33%	15 34.88%	0	2 4.65%	26	17
Virudhunagar	19	0.03	5.32	0.32	2.07	8 42.11 %	3 15.79%	2 10.53%	5 26.32%	1 5.26 %	0	13	6
<b>Total</b>	<b>865</b>	<b>0.48</b>	<b>1.43</b>		<b>20.19</b>	<b>425</b>	<b>118</b>	<b>98</b>	<b>182</b>	<b>22</b>	<b>19</b>	<b>641</b>	<b>223</b>



#### IV. HYDROCHEMISTRY

The quality of shallow ground water in Tamil Nadu state has been evaluated by sampling and analysis of water sample collected from Ground Water Monitoring wells. About 602 Ground Water Monitoring wells were monitored for water quality during May 2015 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 -26.

**Table-26: Ground water quality of SECR, during May-2015**

S.No	Parameters	Range	No. Of sample	Percentage
1	Electrical Conductivity $\mu\text{s/cm}$ at $25^{\circ}\text{C}$	< 750	96	16.00
		751- 2250	367	61.00
		2251- 3000	65	11.00
		> 3000	74	12.00
2	Chloride mg/l	< 250	344	57.00
		251-1000	232	39.00
		> 1000	26	04.00
3	Fluoride mg/l	< 1.0	468	78.00
		1.1- 1.5	104	17.00
		>1.5	30	05.00
4	Nitrate mg/l	<45	422	70.00
		> 45	180	30.00

Distribution of electrical conductivity is shown in Plate-XIV. In general the ground water quality in the state is fresh in about 16 % of the Ground Water Monitoring wells as indicated by the EC value less than  $750 \mu\text{s/cm}$  at  $25^{\circ}\text{C}$ . In about 61 % of the Ground Water Monitoring wells, the EC varies between  $751 - 2250 \mu\text{s/cm}$  at  $25^{\circ}\text{C}$  and 11 % of Ground Water Monitoring wells are between  $2251 - 3000 \mu\text{s/cm}$  at  $25^{\circ}\text{C}$  indicating that the ground water is slightly mineralized and about 12 % of Ground Water Monitoring wells the EC is more than  $3000 \mu\text{s/cm}$  at  $25^{\circ}\text{C}$  indicating that the ground water is highly mineralized. The highest value  $19,100 \mu\text{s/cm}$  at  $25^{\circ}\text{C}$  was observed in MIMISAL, Pudukottai district. The details of well showing EC more than  $3000 \mu\text{s/cm}$  at  $25^{\circ}\text{C}$  is given in Table-27.

**Table-27: Details of well shows Electrical conductivity more than 3000  $\mu\text{s}/\text{cm}$  at 25° C during May 2015**

S.No	DISTRICT	BLOCK_NAME	SITE_NAME	EC3000 $\mu\text{s}/\text{cm}$ at 25° C
1	CHENNAI	CHENNAI	VEPERY	3400
2	COIMBATORE	POLLACHI NORTH	CHINNARIPALAYAM	3780
3	COIMBATORE	PONGALUR	NACHIPALAYAM	3210
4	COIMBATORE	TIRUPUR	KASIPALAYAM	5270
5	COIMBATORE	TIRUPUR	PERUMANALLUR	5430
6	CUDDALORE	KURINCHIPADI	KURINJIPADI	4970
7	CUDDALORE	VIRUTHACHALAM	KOPUVANUR	3920
8	DHARMAPURI	MORAPPUR	MORAPPUR1	3660
9	DHARMAPURI	NALLAMPALLI	INDOOR	7760
10	DINDIGUL	PALANI	KANAKKANPATTI	3300
11	DINDIGUL	VEDASANDUR	P.ALAGAPURI	3900
12	DINDIGUL	VEDASANDUR	VEDASANDUR2	3400
13	ERODE	AMMAPET	PUNNACHIPUDUR DW	4530
14	ERODE	ANDHIYUR	BHAVANI1	3070
15	ERODE	MULANUR	MULANUR2	7400
16	ERODE	TUKKANAYAKKANPALAYAM	KASIPALAYAM	5270
17	KANCHEEPURAM	KANCHEEPURAM	KANCHEEPURAM	4000
18	KANCHEEPURAM	SRIPERUMPUDUR	SRIPERUMBUDUR	5300
19	KANCHEEPURAM	UTTIRAMERUR	UTHIRAMERUR2	6300
20	KARUR	KARUR	NOYYIL	3370
21	KARUR	KRISHNARAYAPURAM	MAYANUR	5750
22	KARUR	THOGAMALAI	THOGAMALAI	3570
23	MADURAI	TIRUMANGALAM	THIRUMANGALAM1	3900
24	MADURAI	TIRUPARANKUNRAM	MADURAI SOUTH	6600
25	NAGAPATTINAM	MAYAVARAM	MAYAVARAM	3660
26	NAGAPATTINAM	NAGAPATTINAM	NAGAPATTINAM	3138
27	NAGAPATTINAM	VEDARANNIYAM	THAGATTUR	3538
28	NAGAPATTINAM	VEDARANNIYAM	THAMARAIPULAM	3172
29	NAMAKKAL	ELACHIPALAYAM	ELACHIPALAYAM1	7180
30	NAMAKKAL	ELACHIPALAYAM	V.G.PATTI	5420
31	NAMAKKAL	MOHANUR	THOPPUR	3190
32	NAMAKKAL	PALLIPALAYAM	SANARPALAYAM	3680
33	NAMAKKAL	TIRUCHENGODU	CHITTALANDUR DW	3610
34	NAMAKKAL	TIRUCHENGODU	NALLUR1	3200
35	NAMAKKAL	VANNANDURAI	GURUSAMIPALAYAM	3230
36	PERAMBALUR	JAYAMKONDACHOLAPURAM	JAYANKONDAM DW	4540
37	PERAMBALUR	PERAMBALUR	KURUMBALUR	4110
38	PERAMBALUR	VEPPUR	KUNNAM	3310
39	PUDUKKOTTAI	KUNNANDARKOVIL	KEERANNUR	3300
40	PUDUKKOTTAI	MANAMELKUDI	MIMISAL1	19100

41	PUDUKKOTTAI	TIRUVARANGULAM	ALANGUDI	4270
42	RAMANATHAPURAM	KADALADI	SAYALKUDI	3300
43	RAMANATHAPURAM	MANDAPAM	MANDAPAM	6400
44	RAMANATHAPURAM	RAJASINGAMANGALAM	THIRUVEGAMPUHUR	6400
45	RAMANATHAPURAM	TIRUPULANI	RAMANATHAPURAM1	4300
46	RAMANATHAPURAM	TIRUPULANI	U.KOSAMANGAI	3500
47	RAMANATHAPURAM	TIRUVADANAI	THONDI	4000
48	SALEM	OMALUR	OMALUR	5530
49	SALEM	VEERAPANDI	AKKARAIKADU	6750
50	SALEM	VEERAPANDI	ATTAYAMPATTI GHSS	3500
51	SALEM	VEERAPANDI	MAMUDI	4070
52	SALEM	VEERAPANDI	PALAMPATTI	4710
53	SALEM	VEERAPANDI	PULAVERI	9850
54	SALEM	VEERAPANDI	SEVANTAMPATTI	6870
55	SIVAGANGA	ILAYANGUDI	ILLAYANGUDI	3100
56	THANJAVUR	BUDALUR	T.BUDALUR	3538
57	THANJAVUR	THIRUVAIYARU	THIRUVAIYARU	5002
58	TIRUNELVELI	KADAYANALLUR	KADAYANALLUR1	3100
59	TIRUNELVELI	RADHAPURAM	KUTTAM	7800
60	TIRUVALLUR	MINJUR	ATTIPATTU	3200
61	TRICHY	LALGUDI	PULLAMBADI 1	3094
62	TRICHY	MARUNGAPURI	KOVILPATTY	4880
63	TRICHY	THIRUVERAMPUR	VARAHANERI	3992
64	TRICHY	THURAIYUR	KANNANURPALAYAM	4148
65	TRICHY	VAIYAMPATTI	VAIYAMPATTY	3294
66	TUTICORIN	OTTAPIDARAM	EPPODUMVENDRAM	4500
67	TUTICORIN	TUTICORIN	TUTICORIN1	8900
68	VELLORE	KANDILI	ALANKUPPAM	4000
69	VELLORE	PERNAMPET	AMBUR	6300
70	VELLORE	TIRUPATTUR	VENGALAPURAM	4400
71	VELLORE	VELLORE	ABDULLAPURAM DW	4700
72	VELLORE	WALAJAPET	RANIPET1	6000
73	VILLUPURAM	TIYAGAI DURGAM	TYAGADURGAM1	3400
74	VIRUDHUNAGAR	VIRUDHUNAGAR	VIRUDUNAGAR	3300

Distribution of Chloride is shown in Plate-XV. The chloride content is less than 250 mg/l in about 57 % of the sample analyzed and 39 % of the sample are between 251 - 1000 mg/l and 4% shows more than 1000mg/l which are from the districts of Kancheepuram, Thiruvallur, Karur, Namakkal, Perambalur, Salem, Tirupur, Thiruvarur Ramanathapuram, Pudukotai, Tuticorin and Virudhunagar. The details of wells showing chloride more than 1000 mg/l are given in Table-28.



**Table-28: List of wells showing chloride more than permissible limit of 1000 mg/L during May 2015**

S.No	DISTRICT_N	BLOCK_NAME	SITE_NAME	Cl mg/L
1	VELLORE	VELLORE	ABDULLAPURAM DW	1030
2	RAMANATHAPURAM	TIRUVADANAI	THONDI	1065
3	VELLORE	KANDILI	ALANKUPPAM	1072
4	RAMANATHAPURAM	TIRUPULANI	RAMANATHAPURAM1	1079
5	COIMBATORE	TIRUPUR	PERUMANALLUR	1085
6	VELLORE	TIRUPATTUR	VENGALAPURAM	1107
7	DINDIGUL	VEDASANDUR	P.ALAGAPURI	1120
8	TRICHY	MARUNGAPURI	KOVILPATTY	1179
9	SALEM	VEERAPANDI	PULAVERI	1242
10	NAMAKKAL	ELACHIPALAYAM	V.G.PATTI	1331
11	CUDDALORE	KURINCHIPADI	KURINJIPADI	1367
12	SALEM	VEERAPANDI	AKKARAIKADU	1428
13	RAMANATHAPURAM	MANDAPAM	MANDAPAM	1441
14	COIMBATORE	TIRUPUR	KASIPALAYAM	1446
15	ERODE	TUKKANAYAKKANPALAYAM	KASIPALAYAM	1446
16	TIRUNELVELI	RADHAPURAM	KUTTAM	1524
17	RAMANATHAPURAM	RAJASINGAMANGALAM	THIRUVEGAMPUTHUR	1555
18	KANCHEEPURAM	UTTIRAMERUR	UTHIRAMERUR2	1560
19	KANCHEEPURAM	SRIPERUMPUDUR	SRIPERUMBUDUR	1585
20	KARUR	KRISHNARAYAPURAM	MAYANUR	1602
21	VELLORE	WALAJAPET	RANIPET1	1783
22	VELLORE	PERNAMPET	AMBUR	1789
23	TUTICORIN	TUTICORIN	TUTICORIN1	1801
24	NAMAKKAL	ELACHIPALAYAM	ELACHIPALAYAM1	1864
25	DHARMAPURI	NALLAMPALLI	INDOOR	2282
26	PUDUKKOTTAI	MANAMELKUDI	MIMISAL1	5198

The Fluoride content is less than 1.5 mg/l in about 95 % of the sample analyzed and about 5 % of the sample shows more than 1.5 mg/l, which are from the districts of Coimbatore, Dharmapuri, Dindigul, Erode, Namakkal, Perambalur, Pudukottai, Ramanathapuram, Salem, Tirunelveli, Sivaganga, Theni, Tuticorin and Virudhunagar. Distribution of fluoride is shown in Plate-XVI. The details of well shows fluoride content more than 1.5 mg/l is given in Table-29.

**Table-29. List of wells show fluoride more than permissible limit of 1.5 mg/L during May 2015**

S.No	DISTRICT_N	BLOCK_NAME	SITE_NAME	F mg/L
1	DHARMAPURI	HARUR	HARUR1	1.80
2	ERODE	AMMAPET	PUNNACHIPUDUR DW	1.98
3	ERODE	AMMAPET	AMMAPET2	2.29
4	ERODE	CHENNIMALAI	CHENNIMALAI2	2.10
5	ERODE	DHARAPURAM	KARAIYUR1	1.55
6	ERODE	DHARAPURAM	DHARAPURAM2	1.61
7	ERODE	TUKKANAYAKKANPALAYAM	BANGALAPUDHUR	1.81
8	KANCHEEPURAM	KANCHEEPURAM	WALAJABAD	1.53
9	KARUR	THATHENI	JAGATABI	1.60
10	NAMAKKAL	ELACHIPALAYAM	V.G.PATTI	1.59
11	NAMAKKAL	PALLIPALAYAM	SANARPALAYAM	1.52
12	NAMAKKAL	PALLIPALAYAM	SANARPALAYAM	1.52
13	NAMAKKAL	PALLIPALAYAM	ANNAI SATHYANAGAR	1.87
14	NILGIRIS	KOTHAGIRI	KOTHAGIRI	1.60
15	PERAMBALUR	ARIYALUR	ARIYALUR DW	1.77
16	RAMANATHAPURAM	MUDUKULATTUR	UDAIKULAM	1.77
17	SALEM	IDAPPADI	IDAPADI NEW	1.78
18	SALEM	SALEM	SIVADAPURAM DW	1.60
19	SALEM	SALEM	S.K.GARDEN NATHIMEDI	1.90
20	SIVAGANGA	KALAIYARKOIL	KALAYARKOIL	1.53
21	SIVAGANGA	TIRUPATTUR	MANAKUDI	1.58
22	TIRUNELVELI	KALAKADU	KALAKKADU	1.70
23	TIRUNELVELI	PALAYAMKOTTAI	THIRUTHU	1.60
24	TIRUNELVELI	RADHAPURAM	OVARI	2.60
25	TIRUVALLUR	TIRUVALANGADU	KANAKAMMACHATRM	1.60
26	TIRUVALLUR	VILLIVAKKAM	VELLANUR	4.13
27	TUTICORIN	KARUNKULAM	MANIYACHI1	1.60
28	TUTICORIN	TIRUCHENDUR	TIRUCHENDUR-W	1.60
29	TUTICORIN	TUTICORIN	TUTICORIN1	1.60
30	TUTICORIN	VILATHIKULAM	KARISALKULAM	1.70
31	VELLORE	ALANGAYAM	VELLAKUTTAI	1.56

Distribution of Nitrate is shown in Plate-XVII. The Nitrate content is less than 45mg/l in about 70 % of the sample analyzed and and 30 % of sample shows more than 45 mg/l which are from the district of Chennai, Coimbatore,Cuddalore, Dharmapuri, Dindigul, Erode, Kancheepuram Kanyakumari, Madurai, Namakkal, Pudukottai,Ramanathapuram, Salem, Sivagangai, Thiruvallur, Thiruvannamalai, Villupuram, Theni, Thirunelveli, Tuticorin and Virudhunagar. The details of well shows nitrate more than 45 mg/l is given in Table-30.

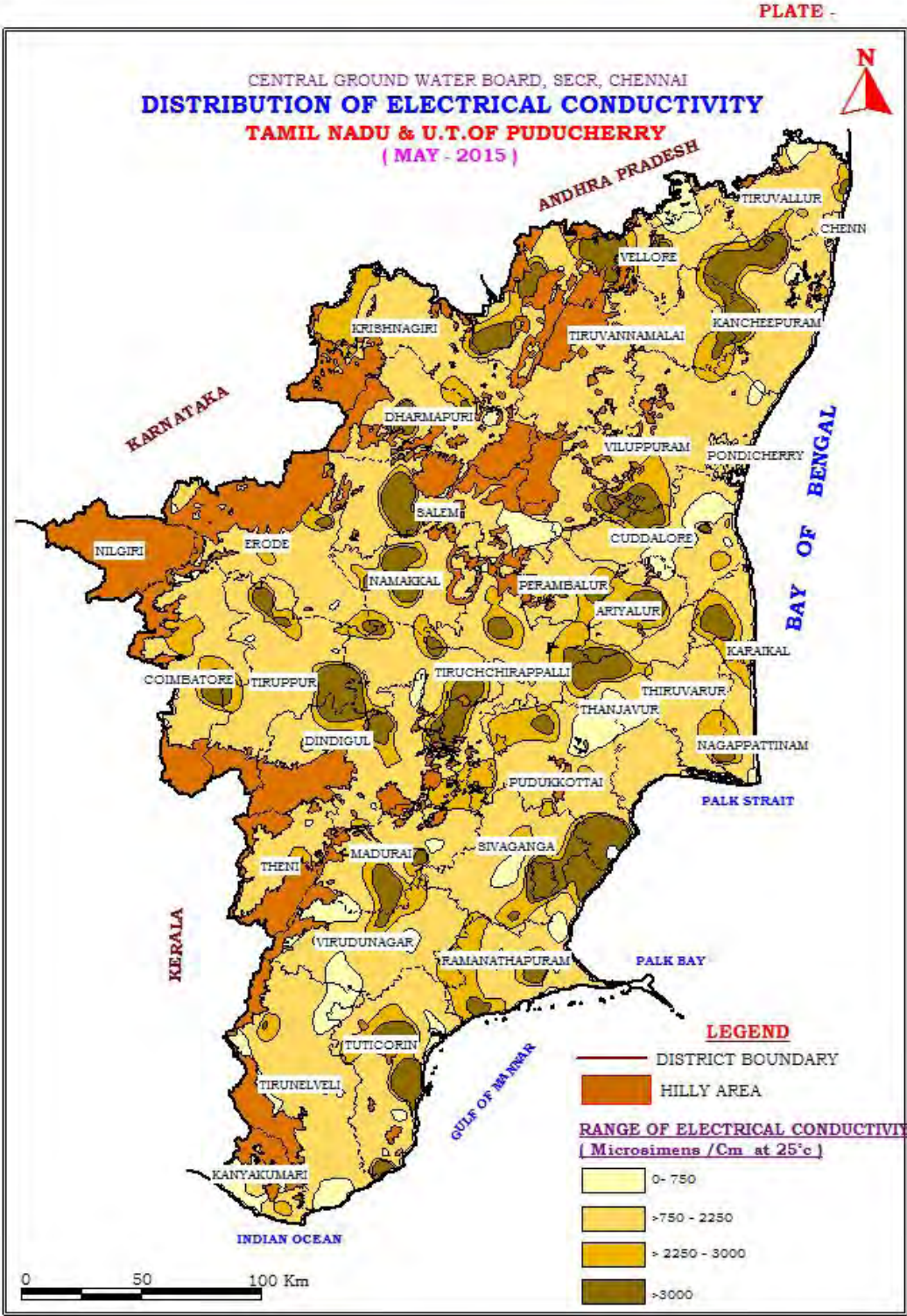
**Table-30 List of wells showing Nitrate more than permissible limit of 45 mg /L during May 2015**

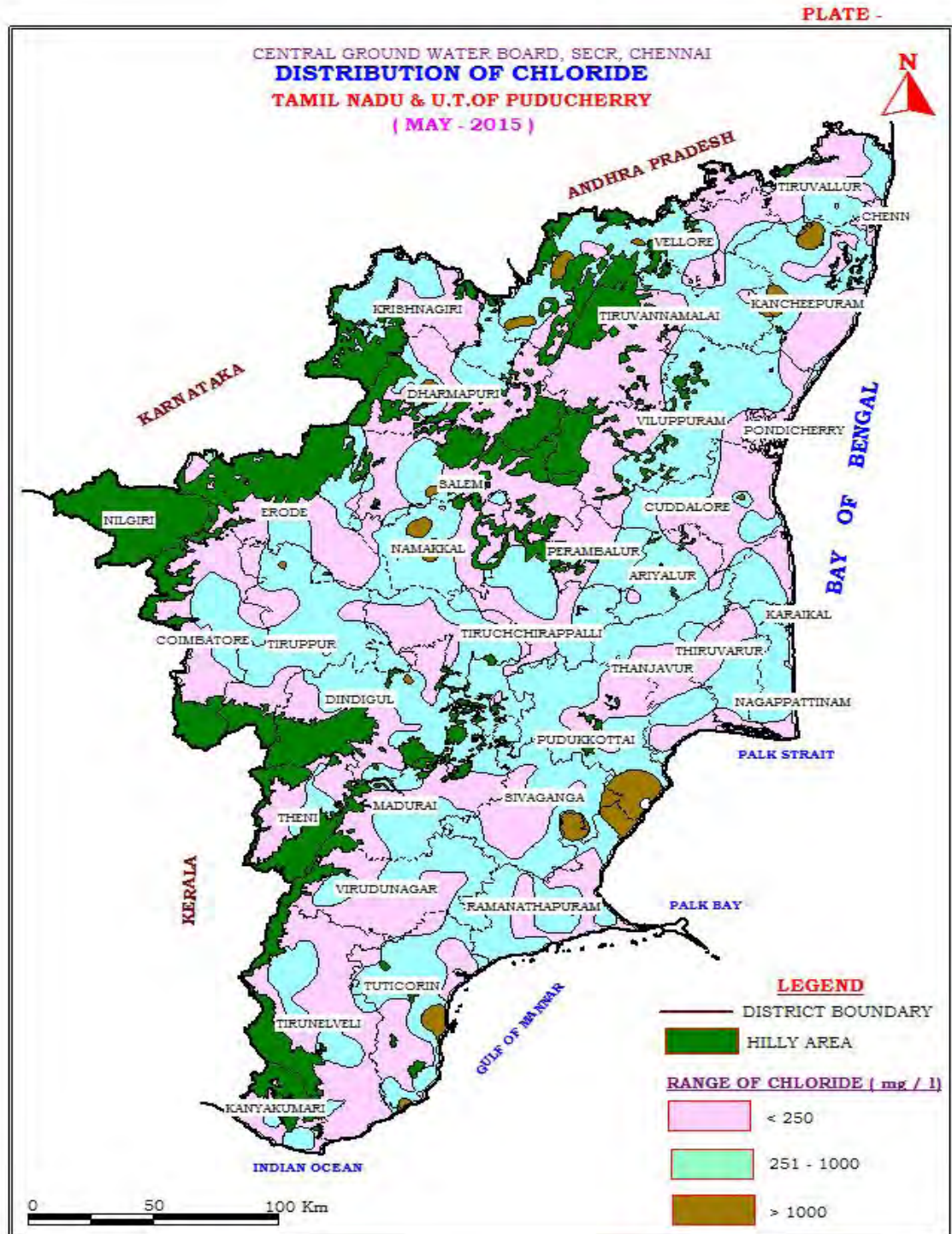
S.No	DISTRICT_N	BLOCK_NAME	SITE_NAME	NO3 mg/L
1	COIMBATORE	COIMBATORE	SUGUNAPURAM	48
2	COIMBATORE	COIMBATORE	ANNUR	50
3	COIMBATORE	COIMBATORE	GANESAPURAM	50
4	COIMBATORE	COIMBATORE	PERIYAPATTI	50
5	COIMBATORE	COIMBATORE	PONGALUR1	50
6	COIMBATORE	COIMBATORE	KUMARALINGAM	50
7	COIMBATORE	COIMBATORE	AMBARAMPALAYAM	61
8	COIMBATORE	COIMBATORE	NACHIPALAYAM	61
9	COIMBATORE	COIMBATORE	KASIPALAYAM	74
10	COIMBATORE	COIMBATORE	WEEKLY MARKET	74
11	COIMBATORE	COIMBATORE	PERUMANALLUR	81
12	CUDDALORE	CUDDALORE	KILLAI	47
13	CUDDALORE	CUDDALORE	CUDDALORE	50
14	CUDDALORE	CUDDALORE	ANTHANAMPETTAI DW	72
15	CUDDALORE	CUDDALORE	KOMARATCHI	75
16	CUDDALORE	CUDDALORE	KEELPUVANIKUPPAM DW	99
17	CUDDALORE	CUDDALORE	MAAPODAIYUR DW	125
18	DHARMAPURI	DHARMAPURI	DHARMAPURI1	52
19	DHARMAPURI	DHARMAPURI	HARUR1	52
20	DHARMAPURI	DHARMAPURI	KAWTHALAM	56
21	DHARMAPURI	DHARMAPURI	THOPPUR1	61
22	DHARMAPURI	DHARMAPURI	DENKANIKOTTAI1	68
23	DHARMAPURI	DHARMAPURI	KARTHANKULAM DW	80
24	DHARMAPURI	DHARMAPURI	PAPIREDDIPATTI1	95
25	DHARMAPURI	DHARMAPURI	KOTTAPATTI DW	97
26	DHARMAPURI	DHARMAPURI	MORAPPUR1	118
27	DHARMAPURI	DHARMAPURI	MATTUR	125
28	DHARMAPURI	DHARMAPURI	SULAGIRI	151
29	DHARMAPURI	DHARMAPURI	NAGADASAMPATTI	158
30	DHARMAPURI	DHARMAPURI	PENNAGARAM1	196
31	DHARMAPURI	DHARMAPURI	KARUKKANCHAVADI	212
32	DHARMAPURI	DHARMAPURI	BOMMIDIMALAPURM	224
33	DHARMAPURI	DHARMAPURI	MATTUR	233
34	DHARMAPURI	DHARMAPURI	ODASALAPATTI	254
35	DHARMAPURI	DHARMAPURI	GURAPARATIPALLI	262
36	DHARMAPURI	DHARMAPURI	INDOOR	322
37	DINDIGUL	DINDIGUL	NATHAM1	48
38	DINDIGUL	DINDIGUL	KANAKKANPATTI	56
39	DINDIGUL	DINDIGUL	THOPPAMPATTI	124
40	ERODE	ERODE	CHENNIMALAI2	48
41	ERODE	ERODE	VELLODU	49
42	ERODE	ERODE	ARCHALUR	50
43	ERODE	ERODE	PERUNDURAI1	54

44	ERODE	ERODE	ADACHAPALAYAM	60
45	ERODE	ERODE	KASIPALAYAM	74
46	ERODE	ERODE	GUVUAR DW	76
47	ERODE	ERODE	CHENGAPALLI 1	91
48	ERODE	ERODE	DHARAPURAM2	94
49	ERODE	ERODE	MUTTUR1	96
50	ERODE	ERODE	ATTANI	97
51	ERODE	ERODE	PUDUPALAYAM1	111
52	ERODE	ERODE	KUNNATHUR1	121
53	ERODE	ERODE	MULANUR2	128
54	ERODE	ERODE	VIJAYAMANGALAM1	130
55	ERODE	ERODE	UTHIYUR	132
56	ERODE	ERODE	PUNNACHIPUDUR DW	133
57	ERODE	ERODE	BHAVANI 1	143
58	ERODE	ERODE	CHITTODU	145
59	ERODE	ERODE	KANGAYAM2	148
60	ERODE	ERODE	KARAIYUR1	171
61	KANCHEEPURAM	KANCHEEPURAM	KOLAPAKKAM	50
62	KANCHEEPURAM	KANCHEEPURAM	ST.THOMAS MOUNT DW	50
63	KANCHEEPURAM	KANCHEEPURAM	TIRUPORUR	66
64	KANCHEEPURAM	KANCHEEPURAM	UTHIRAMERUR2	74
65	KANCHEEPURAM	KANCHEEPURAM	CHEMMANCHERI	118
66	KANYAKUMARI	KANYAKUMARI	NAGARKOIL1	68
67	KARAIKAL	KARAIKAL	KARAIKAL DW	80
68	KARUR	KARUR	ENUGURU DW	50
69	KARUR	KARUR	KARUR2	68
70	KARUR	KARUR	KARUR2	68
71	KARUR	KARUR	MAYANUR	74
72	MADURAI	MADURAI	USILAMPATTI1	68
73	NAGAPATTINAM	NAGAPATTINAM	THAGATTUR	47
74	NAGAPATTINAM	NAGAPATTINAM	KEELVALUR	98
75	NAGAPATTINAM	NAGAPATTINAM	NAGAPATTINAM	243
76	NAMAKKAL	NAMAKKAL	THARAGADU MANDAVATHUR	52
77	NAMAKKAL	NAMAKKAL	THONDICHETTIPATTI	53
78	NAMAKKAL	NAMAKKAL	SANARPALAYAM	58
79	NAMAKKAL	NAMAKKAL	NAMAKKAL2	59
80	NAMAKKAL	NAMAKKAL	V.G.PATTI	59
81	NAMAKKAL	NAMAKKAL	KATTIPALAYAM	72
82	NAMAKKAL	NAMAKKAL	SAMMANKADU ELANTHANKOTTAI	72
83	NAMAKKAL	NAMAKKAL	THOPPUR	80
84	NAMAKKAL	NAMAKKAL	UDAYARPALAYAM	87
85	NAMAKKAL	NAMAKKAL	METALA	92
86	NAMAKKAL	NAMAKKAL	RASIPURAM1	93
87	NAMAKKAL	NAMAKKAL	THIRUCHENGODU	94
88	NAMAKKAL	NAMAKKAL	UNJANAI	98
89	NAMAKKAL	NAMAKKAL	KALIPATTI	101

90	NAMAKKAL	NAMAKKAL	GURUSAMIPALAYAM	105
91	NAMAKKAL	NAMAKKAL	MOHANUR1	107
92	NAMAKKAL	NAMAKKAL	VENNANDUR	114
93	NAMAKKAL	NAMAKKAL	VAIYAPPAMALAI	117
94	NAMAKKAL	NAMAKKAL	NALLUR1	126
95	NAMAKKAL	NAMAKKAL	SENTHAMANGALAM	131
96	NAMAKKAL	NAMAKKAL	THOPPUR	167
97	NAMAKKAL	NAMAKKAL	AINTHU PANAI	174
98	NAMAKKAL	NAMAKKAL	CHITTALANDUR DW	181
99	PERAMBALUR	PERAMBALUR	MANGALAMEDU DW	52
100	PERAMBALUR	PERAMBALUR	PERAMBALUR2	53
101	PERAMBALUR	PERAMBALUR	KURUMBALUR	77
102	PERAMBALUR	PERAMBALUR	KURUMBALUR	79
103	PERAMBALUR	PERAMBALUR	ESSANI DW	88
104	PERAMBALUR	PERAMBALUR	KUNNAM	95
105	PERAMBALUR	PERAMBALUR	KILARASUR	134
106	PERAMBALUR	PERAMBALUR	CHETTIKULAM DW	146
107	PERAMBALUR	PERAMBALUR	AMMAPALAYAM	148
108	PERAMBALUR	PERAMBALUR	NAKKASELAM	154
109	PERAMBALUR	PERAMBALUR	JAYANKONDAM DW	183
110	PUDUKKOTTAI	PUDUKKOTTAI	MANAMELKUDI1	46
111	PUDUKKOTTAI	PUDUKKOTTAI	ERACHI	55
112	PUDUKKOTTAI	PUDUKKOTTAI	VIRALIMALAI2	55
113	PUDUKKOTTAI	PUDUKKOTTAI	KEERANNUR	84
114	PUDUKKOTTAI	PUDUKKOTTAI	ALANGUDI	95
115	PUDUKKOTTAI	PUDUKKOTTAI	PILAMANGALAM	217
116	RAMANATHAPURAM	RAMANATHAPURAM	SAYALKUDI	54
117	RAMANATHAPURAM	RAMANATHAPURAM	THONDI	59
118	RAMANATHAPURAM	RAMANATHAPURAM	PERUNGULAM	92
119	RAMANATHAPURAM	RAMANATHAPURAM	PARAMAKKUDI	97
120	RAMANATHAPURAM	RAMANATHAPURAM	RAMANATHAPURAM1	108
121	RAMANATHAPURAM	RAMANATHAPURAM	THANGACHIMADAM	116
122	RAMANATHAPURAM	RAMANATHAPURAM	RAMESWARAM	176
123	RAMANATHAPURAM	RAMANATHAPURAM	TIRUVADANAI1	300
124	RAMANATHAPURAM	RAMANATHAPURAM	THIRUVEGAMPUTHUR	380
125	RAMANATHAPURAM	RAMANATHAPURAM	MANDAPAM	511
126	SALEM	SALEM	MAMUDI	56
127	SALEM	SALEM	PALAMPATTI	57
128	SALEM	SALEM	NANGAVALLI1	64
129	SALEM	SALEM	SIVADAPURAM DW	74
130	SALEM	SALEM	ATTAYAMPATTI GHSS	78
131	SALEM	SALEM	MALLUR1	135
132	SALEM	SALEM	P.GOUNDANPALYAM	145
133	SALEM	SALEM	S.K.GARDEN NATHIMEDI	159
134	SALEM	SALEM	OMALUR	250
135	SIVAGANGA	SIVAGANGA	KARAIKUDI	46
136	SIVAGANGA	SIVAGANGA	OKKUR	58
137	SIVAGANGA	SIVAGANGA	MUTHUVENDAL	78

138	THANJAVUR	THANJAVUR	MELVASTRACHAVDI	47
139	THANJAVUR	THANJAVUR	T.BUDALUR	121
140	THENI	THENI	KODANGIPATTI	50
141	THENI	THENI	GANDAMANUR	62
142	THIRUVANNAMALAI	THIRUVANNAMALAI	TIRUVANNAMALAI1	50
143	TIRUNELVELI	TIRUNELVELI	ABISHEKAPATTI	50
144	TIRUNELVELI	TIRUNELVELI	VANNIKONENDAL	50
145	TIRUVALLUR	TIRUVALLUR	THIRUNINRAVUR PERIURBAN	46
146	TIRUVALLUR	TIRUVALLUR	VEERARAGHAPURAM	59
147	TIRUVALLUR	TIRUVALLUR	PATTABIRAM PERIURBAN	60
148	TIRUVALLUR	TIRUVALLUR	ENNUR TALAIKUPPAM	74
149	TIRUVALLUR	TIRUVALLUR	REDHILLS	82
150	TIRUVALLUR	TIRUVALLUR	KOVILPATHAGAI	97
151	TRICHY	TRICHY	CHATTIRAPATTI	54
152	TRICHY	TRICHY	CHINNAGOWDANPATTI	75
153	TRICHY	TRICHY	MANAPARAI	87
154	TRICHY	TRICHY	VARAHANERI	87
155	TRICHY	TRICHY	THUVAKKUDI	112
156	TRICHY	TRICHY	KATTUR	114
157	TRICHY	TRICHY	THATHAYANGARPET	144
158	TRICHY	TRICHY	UPPILYAPURAM	152
159	TRICHY	TRICHY	THURAIYUR	152
160	TRICHY	TRICHY	PULIVALAM	224
161	TUTICORIN	TUTICORIN	ETTAIYAPURAM	50
162	TUTICORIN	TUTICORIN	KURUKKUCHALAI	62
163	TUTICORIN	TUTICORIN	KAYATTAR	74
164	TUTICORIN	TUTICORIN	TUTICORIN1	74
165	TUTICORIN	TUTICORIN	UDANGUDI DW	74
166	TUTICORIN	TUTICORIN	TIRUCHENDUR-E	81
167	TUTICORIN	TUTICORIN	EPPODUMVENDRAM	93
168	VELLORE	VELLORE	VANIYAMBADI1	52
169	VELLORE	VELLORE	ALANGAYAM	66
170	VELLORE	VELLORE	RANIPET1	70
171	VELLORE	VELLORE	VELLAKUTTAI	99
172	VELLORE	VELLORE	PASALIKUTTAI DW	112
173	VELLORE	VELLORE	ABDULLAPURAM DW	116
174	VELLORE	VELLORE	ALANKUPPAM	179
175	VILLUPURAM	VILLUPURAM	KALLAKURICHI2	52
176	VILLUPURAM	VILLUPURAM	CHINNASALEM1	64
177	VILLUPURAM	VILLUPURAM	MOGAIYUR	85
178	VILLUPURAM	VILLUPURAM	RISHIVANDIYAM	104
179	VILLUPURAM	VILLUPURAM	TYAGADURGAM1	133
180	VIRUDHUNAGAR	VIRUDHUNAGAR	AVIYUR DW	50







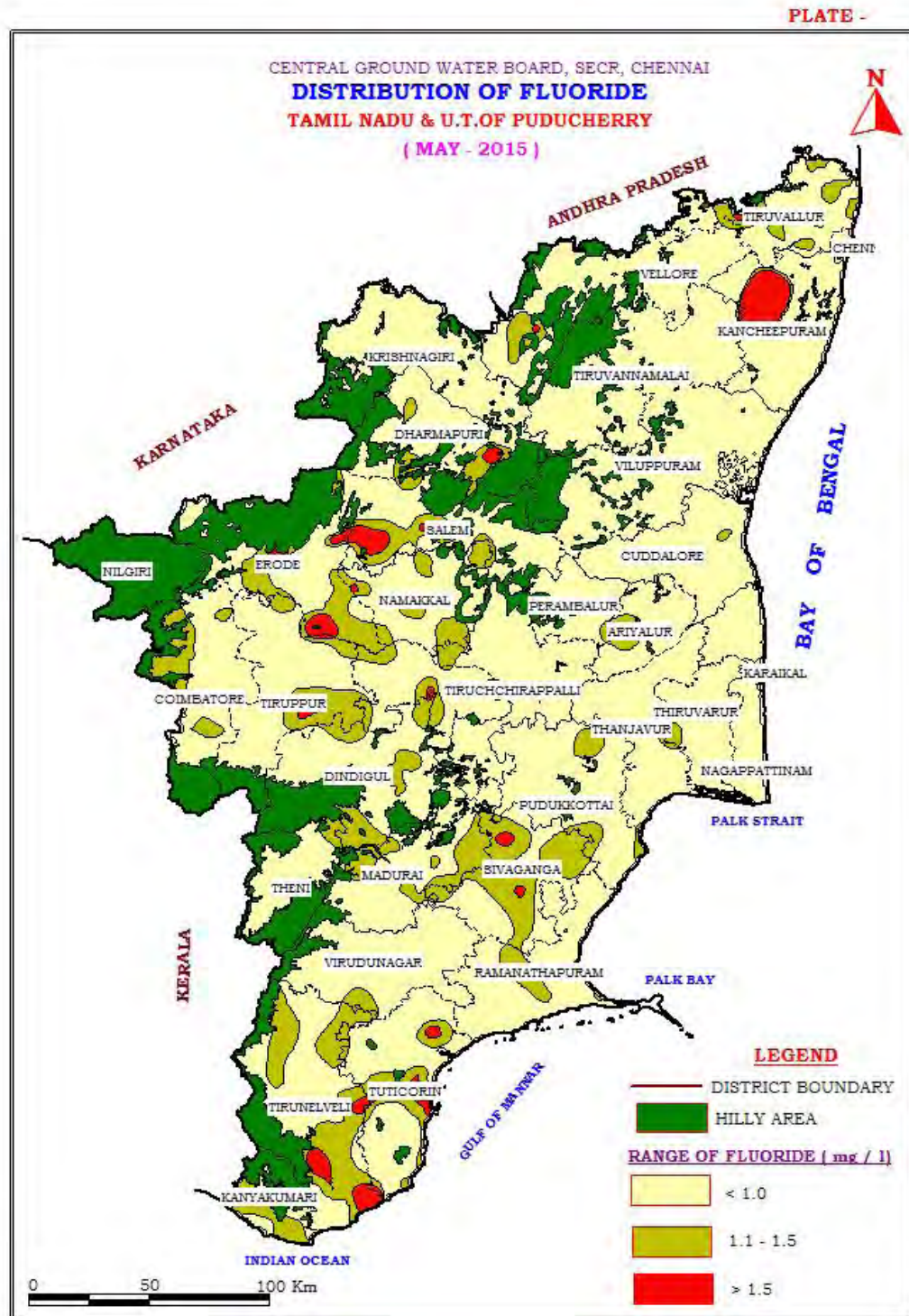
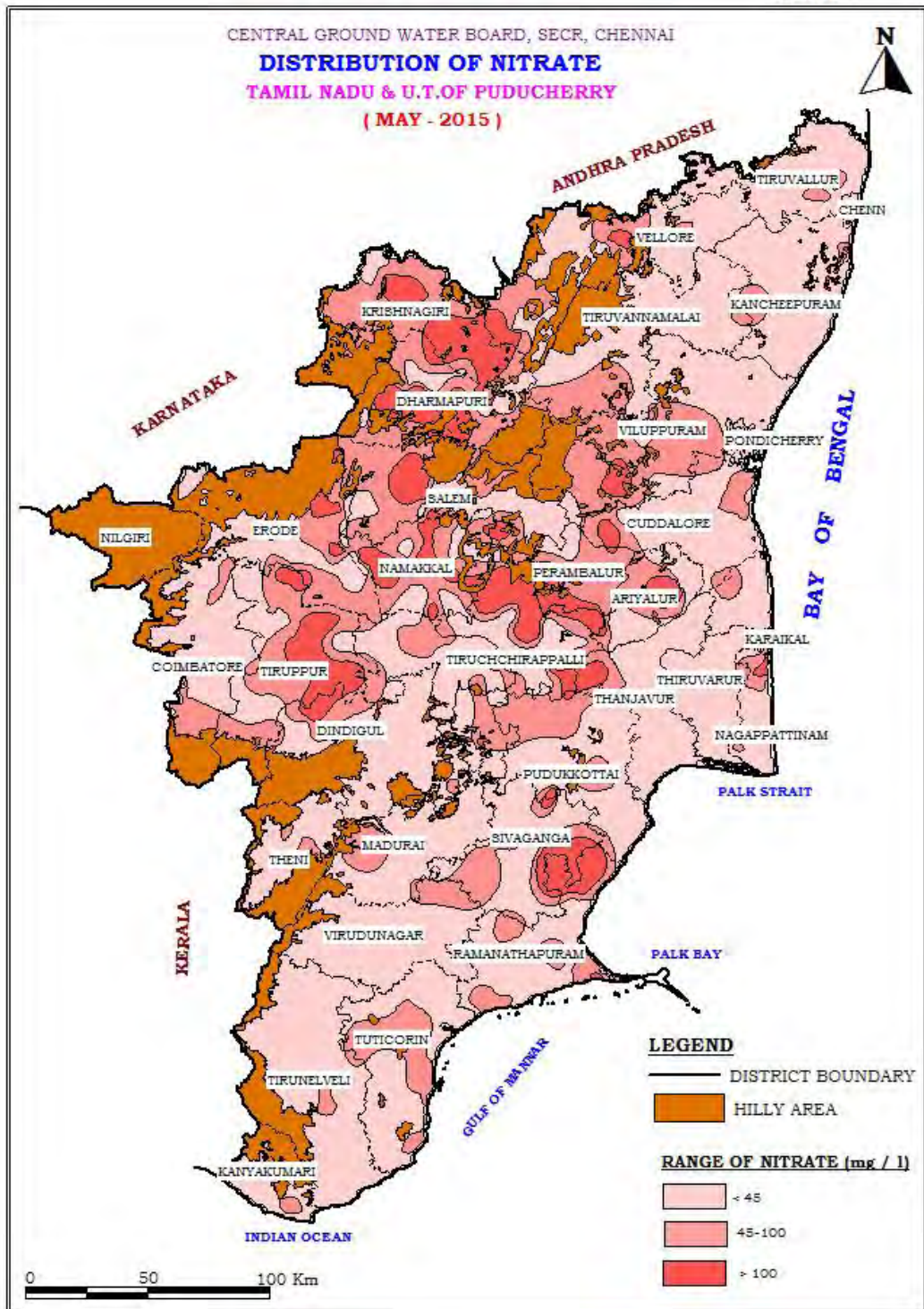


PLATE -



## V. CONCLUSIONS

The behaviour of ground water table during May 2015 to January 2016 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. 79% of wells have recorded depth to water level within 10 m bgl during premonsoon period (May 2015), whereas during post-monsoon period (January 2016), about 92% of wells recorded water levels less than 10 m bgl.
2. 76% of wells have recorded rise in water levels and 24% of wells have recorded fall in water levels during May 2015 in comparison to May 2014.
3. 24% of wells have recorded fall in water levels and 76% of wells have recorded rise in water levels during January 2016 in comparison to January 2015.
4. 86% of wells have recorded rise in water levels and 14% of wells have recorded fall in water levels during Jan 2016 (post monsoon) in comparison to May 2015 (pre-monsoon).
5. 65% of wells have recorded rise in water levels and 35% of wells recorded fall in water levels during May 2015 in comparison to decadal mean.
6. 74% of wells have recorded rise in water levels during January 2016 with respect to respective decadal means.
7. 26% of wells have recorded fall in water levels during January 2016 with respect to respective decadal means.
- 8.** In general the ground water quality in the state is fresh in about 16 % 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 61 % of the Ground Water Monitoring wells, the EC varies between 751 -2250 $\mu\text{s}/\text{cm}$  at 25° C and 11 % 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 % 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
9. The chloride content is less than 250 mg/l in about 57 % of the sample analyzed and 39 % of the sample are between 251 – 1000 mg/l and 4% shows more than 1000mg/l.
10. The Fluoride content is less than 1.5 mg/l in about 95 % of the sample analyzed and about 5 % of the sample shows more than 1.5 mg/l, which are from the districts of Coimbatore, Dharmapuri, Dindigul, Erode, Namakkal, Perambalur, Pudukottai, Ramanathapuram, Salem, Tirunelveli, Sivaganga, Theni, Tuticorin and Virudhunagar.
- 11.** The Nitrate content is less than 45mg/l in about 70 % of the sample analyzed and 30 % of sample shows more than 45 mg/l which are from the district of Chennai, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kancheepuram Kanyakumari, Madurai, Namakkal, Pudukottai, Ramanathapuram, Salem, Sivagangai, Thiruvallur, Thiruvannamalai, Villupuram, Theni, Thirunelveli, Tuticorin and Virudhunagar.

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**Annexure I Water level data of Tamil Nadu and U.T.of Puducherry (May 2015 to Jan 2016)**

<b>DISTRICT</b>	<b>AQUIFER_TY</b>	<b>SITE_ID</b>	<b>SITE_NAME</b>	<b>May 2015</b>	<b>Aug 2015</b>	<b>Nov 2015</b>	<b>Jan 2015</b>
Chennai	Semi-Confined	W125912080145901	Taramani (NITTR PZ)	4.87	4.25	4.50	3.07
Chennai	Unconfined	W130429080154501	Egmore	1.4	1.15	0.93	0.90
Chennai	Unconfined	W130120080133002	Guindy(CLRI)	4.04	4.25	4.73	3.80
Chennai	Unconfined	W130657080154201	Vyasarpadi dw	1.15	0.80	0.72	0.90
Chennai	Unconfined	W130500080161501	Vepery	6.8	5.96	6.94	6.42
Chennai	Unconfined	W125900080130001	Velachery-a	8.6	8.90	8.90	1.50
Chennai	Unconfined	W130620080165301	Vallalar Nagar	7	7.15	7.60	4.10
Chennai	Unconfined	W130700080163001	Tondiarpet		5.60	5.98	4.30
Chennai	Unconfined	W130500080120001	Tirumangalam	9.75	8.55	1.87	1.39
Chennai	Unconfined	W130230080123001	K.K.Nagar	2.56	2.32	1.90	1.51
Chennai	Unconfined	W130440080134501	Thiyagarayanagar	8.04	7.87	8.12	6.32
Chennai	Unconfined	W125915080155001	Kalakshetra		4.95	4.67	0.80
Chennai	Unconfined	W125858080154901	Elegant Flat dw		5.35	5.32	1.95
Chennai	Unconfined	W130109080160401	Adayar dw	2.53	2.52	2.20	2.50
Chennai	Unconfined	W130130080153001	Alwarpet	3.89	2.66	2.53	2.90
Chennai	Unconfined	W130400080134001	Aminjikai	7.51	8.43	0.00	4.82
Chennai	Unconfined	W130005080161201	Besant Nagar	4.76	5.07	5.70	2.05
Chennai	Unconfined	W130320080165301	Chepauk (A)	3.87	3.50	3.20	3.10
Coimbatore	Semi-Confined	W111610077010001	Tenponmudi	19.9	28.62	15.70	11.74
Coimbatore	Semi-Confined	W111045076453001	Seeliyur	12	16.79	14.15	4.73
Coimbatore	Semi-Confined	W110230076531501	Kalviramapalayam	48.9	50.90	52.90	49.81
Coimbatore	Semi-Confined	W110058076583801	Corporation North Zone pz	8.33	8.57	9.60	7.29
Coimbatore	Semi-Confined	W110647076450301	Anaikatti pz	11.49	12.70	8.80	10.00
Coimbatore	Semi-Confined	W110424076571001	Vellakinaru pz	39.95	39.95	27.75	35.71
Coimbatore	Semi-Confined	W110800077020002	Sarkar samakulam pz	10.23	10.23	18.10	8.07
Coimbatore	Semi-Confined	W111754077040401	Pongalur pz	5.52	3.45	3.26	3.45
Coimbatore	Semi-Confined	W111129077052401	Pillaimpalayam pz	25.05	26.06	26.30	24.90

Coimbatore	Semi-Confined	W111824077164401	Thathanur Aanaikalpalayam pz	34.3	32.95	33.20	22.87
Coimbatore	Semi-Confined	W111800077112201	Alathur pz	21.7	6.88	12.30	8.29
Coimbatore	Semi-Confined	W105900076500001	Thondamuthur	34.5	35.51	36.10	32.48
Coimbatore	Semi-Confined	W110119076563101	Tn Urban Studies pz	9.1	11.82	11.40	9.17
Coimbatore	Semi-Confined	W105710076551801	Sundakkamuthur pz	24.85	25.88	24.45	24.85
Coimbatore	Semi-Confined	W110035076550701	Sugarcane Institute pz	19.45	20.58	21.40	18.28
Coimbatore	Semi-Confined	W110003076570401	Ohd Campus pz	14.75	16.41	20.70	15.26
Coimbatore	Semi-Confined	W105800076550001	Kuniyamuthur	6.68	7.20	7.40	5.00
Coimbatore	Semi-Confined	W105943076480601	Devarayapuram pz	37.95	38.05	37.67	36.48
Coimbatore	Semi-Confined	W105643076500601	Chennanur pz	38.6	37.71	38.05	37.62
Coimbatore	Semi-Confined	W105745076480301	Alandurai pz	14.2	14.38	16.20	14.27
Coimbatore	Semi-Confined	W104047077161901	Varadharajapuram Murungapatti pz	36.45	27.21	31.70	19.45
Coimbatore	Semi-Confined	W104041077125301	Pathampatti pz	6.85	9.97	9.30	3.74
Coimbatore	Semi-Confined	W103500077144001	Udumalpet2	0.45	1.15	1.00	0.78
Coimbatore	Semi-Confined	W103132077130501	Pallapalayam pz	13.58	47.00	32.97	13.08
Coimbatore	Semi-Confined	W103030077110001	Dhalli	2.7	5.47	6.32	3.55
Coimbatore	Semi-Confined	W110550077211001	Tirupur	6.03	7.21	6.80	6.13
Coimbatore	Semi-Confined	W110148077170001	Kallampalayam pz	6.14	8.06	8.58	4.25
Coimbatore	Semi-Confined	W110450077271001	Nachipalayam1	5.91	7.00	7.20	5.83
Coimbatore	Semi-Confined	W105455077154001	Kettanur	4.28	7.00	10.18	3.85
Coimbatore	Semi-Confined	W105700077100001	Selakkaraichal	20.35	19.67	19.30	8.28
Coimbatore	Semi-Confined	W110105077072501	Sulur pz	0.95	0.91	0.88	0.97
Coimbatore	Semi-Confined	W103742076523101	Devanshapudur pz	5.8	6.30	7.66	20.88
Coimbatore	Semi-Confined	W103130076595801	Angalakurichi	1.62	4.32	0.00	1.14
Coimbatore	Semi-Confined	W104425077060501	Periya Negamam pz	21.4	23.64	29.58	17.78
Coimbatore	Semi-Confined	W104819077083301	Kattampatty pz	8.11	7.24	8.50	7.01
Coimbatore	Semi-Confined	W103930076593001	Pollachi pz	2.85	4.05	4.25	6.21
Coimbatore	Semi-Confined	W103608077003201	Samathur Hss pz	15	2.53	5.20	8.90
Coimbatore	Unconfined	W110130077073001	Sulur	1.1	3.05	1.60	1.40
Coimbatore	Unconfined	W111521076560501	Thekkampatti pz	5.9	6.62	3.15	5.78

Coimbatore	Unconfined	W111800076565001	Mettupalayam pz	8.05	10.75	6.10	8.77
Coimbatore	Unconfined	W110231076563101	Ghs Ganapathi pz	1.71	2.18	1.80	1.40
Coimbatore	Unconfined	W110229077000201	Cwc Campus pz	3.85	3.94	3.70	2.98
Coimbatore	Unconfined	W111225076593201	P.N.palayam	24.5	26.41	32.55	34.55
Coimbatore	Unconfined	W110430077000501	Saravanampatti1	26.81	26.53	25.70	22.37
Coimbatore	Unconfined	W110130076543001	Vadavalli	32.25	31.13	31.25	32.53
Coimbatore	Unconfined	W110410077000501	Saravanampatti	16.85	16.86	15.05	12.90
Coimbatore	Unconfined	W105800076590002	Podanur1	8.2	8.37	7.97	5.78
Coimbatore	Unconfined	W111330077063001	Annur pz	21	19.07	18.98	16.52
Coimbatore	Unconfined	W111031077032001	Ganesapuram	29.78	29.73	29.63	23.86
Coimbatore	Unconfined	W111400077063002	Annur1	20.85	9.52	9.15	8.29
Coimbatore	Unconfined	W111722077100901	KaravallurPZ		22.06	22.70	21.88
Coimbatore	Unconfined	W110744077170001	Kaniyampondi pz	19.43	19.97	26.50	23.04
Coimbatore	Unconfined	W111152077170701	Avinasi pz	13.65	14.00	16.72	14.04
Coimbatore	Unconfined	W111745077075501	Pongalur1	0.61	1.03	0.50	0.45
Coimbatore	Unconfined	W111445077124501	Karamadai	1.82	2.92	1.52	1.52
Coimbatore	Unconfined	W111105077163001	Avinashi1	11.81	13.10	13.70	13.37
Coimbatore	Unconfined	W105900076552201	Telungupalayam pz	7.75	7.08	8.05	5.92
Coimbatore	Unconfined	W110153076530401	Kalvirampalayam pz	49.89	49.73	72.37	48.62
Coimbatore	Unconfined	W105947077001801	Cbe Stock Exchange pz	6.9	9.90	10.40	6.19
Coimbatore	Unconfined	W105715076570002	Sugunapuram1	20.15	21.09	22.75	9.36
Coimbatore	Unconfined	W105947077011501	Singanallur	4.9	4.70	4.65	3.87
Coimbatore	Unconfined	W104530077161501	Periyapatti	11.15	13.00	12.75	9.55
Coimbatore	Unconfined	W102900077220001	Kumaralingam1	0.68	1.14	0.86	0.90
Coimbatore	Unconfined	W103725077223001	Karattoluvu	1.25	1.71	1.55	0.95
Coimbatore	Unconfined	W103630077230001	Kaniyur	2.2	3.10	2.65	1.10
Coimbatore	Unconfined	W102930077210001	Kumaralingam	1.15	1.80	2.70	2.50
Coimbatore	Unconfined	W103500077145001	Udumalpet1	1.83	2.23	1.85	1.83
Coimbatore	Unconfined	W110523077240301	Vijayapuram pz	8.76	9.66	3.20	8.89
Coimbatore	Unconfined	W110411077230401	Rengagoundanpalayam pz	5.49	6.92	8.20	6.30

Coimbatore	Unconfined	W110247077250201	Peruntholavu pz	13.05	35.13	41.00	30.73
Coimbatore	Unconfined	W110408077210701	Palavanchipalayam pz	0.2	0.42	2.30	0.85
Coimbatore	Unconfined	W110503077184001	Iduvampalayam pz	1.5	2.41	2.57	2.13
Coimbatore	Unconfined	W110633077260801	Ganganaickenpalayam pz	24.1	26.28	27.50	22.99
Coimbatore	Unconfined	W110805077210701	Boyampalayam pz	4.62	7.08	8.32	5.71
Coimbatore	Unconfined	W110517077203501	Weekly Market	3.44	2.75	3.20	2.53
Coimbatore	Unconfined	W110708077202401	Tiruppur P.N.Road	4.16	4.18	3.30	3.08
Coimbatore	Unconfined	W110642077200301	Odakadu	5.75	6.97	5.40	4.10
Coimbatore	Unconfined	W110605077211501	Tiruppur1	6.25	8.10	7.05	5.86
Coimbatore	Unconfined	W110706077270001	Mannur	3.58	4.30	4.55	3.70
Coimbatore	Unconfined	W110330077232001	Kovilvazhi IV	2.07	5.35	4.25	2.75
Coimbatore	Unconfined	W110329077231501	Kovilvazhi I	8.51	8.25	9.62	6.74
Coimbatore	Unconfined	W110656077230801	Kasipalayam	8.4	17.80	7.15	5.60
Coimbatore	Unconfined	W110628077221301	Amarjothinagar	3.46	5.00	5.00	3.10
Coimbatore	Unconfined	W105930077165001	Palladam2	5.6	6.54	6.10	4.59
Coimbatore	Unconfined	W110244077193801	Kunnakalpalayam pz	3.03	4.30	3.60	3.33
Coimbatore	Unconfined	W105945077164001	Palladam	5.05	12.17	9.25	8.65
Coimbatore	Unconfined	W110100077110501	Kaltanpet	19.2	10.19	19.45	6.15
Coimbatore	Unconfined	W110500077264501	Nachipalayam	6.86	6.93	7.10	5.81
Coimbatore	Unconfined	W110515077104501	Samalapuram	1.72	2.75	3.27	2.71
Coimbatore	Unconfined	W103940077000001	Pollachi1	0.6	0.87	0.80	1.00
Coimbatore	Unconfined	W104830076573001	Sokkanur	5.85	4.20	5.60	5.49
Coimbatore	Unconfined	W104900077010001	Kinathukadavu pz	7.02	5.11	6.75	5.70
Coimbatore	Unconfined	W105230076540001	Pichanur	14.85	9.04	11.20	11.71
Coimbatore	Unconfined	W105430076580001	Madukkarai-PZ	16.68	12.89	13.82	12.90
Coimbatore	Unconfined	W103852076543401	Ambarampalayam	3.1	3.55	7.96	3.67
Coimbatore	Unconfined	W104345077053001	Chinnaripalayam	6.71	7.20	8.76	6.71
Coimbatore	Unconfined	W104145076561501	Gopalapuram	3.2	1.80	2.65	3.18
Coimbatore	Unconfined	W104030076561501	Ponnaiyur	3.52	4.84	6.10	4.54
Cuddalore	Confined	W113230079343001	Rajankuppam	26.07	29.43	14.58	28.04



Cuddalore	Confined	W113900079390001	Kattusagai(s)	57.75	56.95	0.00	61.26
Cuddalore	Confined	W113900079390002	Kattusagai(n)	70.38	77.78	0.00	54.09
Cuddalore	Semi-Confined	W112143079280105	Palaiyamkottai OW -2	65.84	66.57	0.00	59.74
Cuddalore	Semi-Confined	W112143079280104	Palaiyamkottai OW -1	62.44	63.02	0.00	58.10
Cuddalore	Semi-Confined	W112143079280103	Palaiyamkottai EW	42.85	43.60	43.10	41.50
Cuddalore	Semi-Confined	W113100079201502	Virudachalam1	37.13	38.20	35.57	34.04
Cuddalore	Semi-Confined	W113045079004001	Mangalur		10.10	8.32	5.10
Cuddalore	Semi-Confined	W114630079410001	Nellikuppam	24.13	24.78	25.87	26.68
Cuddalore	Semi-Confined	W114437079382501	Marungur Pz-2	99.37		0.00	100.35
Cuddalore	Semi-Confined	W114437079382503	Marungur Pz -1	105.9	106.55	0.00	106.25
Cuddalore	Semi-Confined	W112418079235401	Srimushanam PZ	46.07	43.68	36.44	35.65
Cuddalore	Semi-Confined	W113337079332202	Vadalur OW-1	75.87	76.50	0.00	74.40
Cuddalore	Semi-Confined	W113337079332203	Vadalur OW-2		5.23	0.00	11.40
Cuddalore	Semi-Confined	W113438079405903	Teerthanagiri OW-2	13.96		5.62	8.40
Cuddalore	Semi-Confined	W113438079405901	Teerthanagiri EW	23.58	22.20	1.20	21.79
Cuddalore	Semi-Confined	W113438079405902	Teerthanagiri OW-1	43.39	42.20	0.00	31.80
Cuddalore	Semi-Confined	W113502079380101	Thaiyalkunapattinam pz		35.95	31.07	26.20
Cuddalore	Semi-Confined	W113704079431001	Srinivasanallur pz	21.97	22.09	0.00	19.73
Cuddalore	Semi-Confined	W113156079354801	Reddipalayam pz	17.02	23.44	3.00	1.28
Cuddalore	Semi-Confined	W114114079413902	Ramapuram -Pz-2	62.45	42.80	0.00	49.78
Cuddalore	Semi-Confined	W114114079413901	Ramapuram -Pz-1	40.84	54.77	0.00	37.10
Cuddalore	Semi-Confined	W113532079353202	Pacharapalayam Pz-2	70.59	71.50	0.00	65.50
Cuddalore	Semi-Confined	W113532079353201	Pacharapalayam Pz-1	70.56	71.40	0.00	65.45
Cuddalore	Semi-Confined	W114100079462602	Kudikadu PZ 2	19.59	6.96	2.39	15.89
Cuddalore	Semi-Confined	W114100079462601	Kudikadu PZ 1	7.26	19.96	18.74	2.45
Cuddalore	Semi-Confined	W113122079391201	Kodandaramapuram pz	40.12	41.55	35.10	33.10
Cuddalore	Semi-Confined	W113013079375703	Kattiyankuppam Pz-3	75.72	78.95	0.00	62.70
Cuddalore	Semi-Confined	W113013079375702	Kattiyankuppam Pz-2	77.68	77.70	0.00	68.58
Cuddalore	Semi-Confined	W113013079375701	Kattiyankuppam Pz-1	76.6	79.13	0.00	60.60
Cuddalore	Semi-Confined	W113653079394101	Ayuppam pz	148.6	60.03	31.10	44.61

Cuddalore	Semi-Confined	W112800079380002	Sethiathope1	48.94	49.46	0.00	39.20
Cuddalore	Semi-Confined	W112800079380001	Sethiathope II	23.27	23.25	23.23	22.54
Cuddalore	Semi-Confined	W112458079342003	Parudur Pz-3	36.56	31.58	0.00	31.75
Cuddalore	Semi-Confined	W112458079342002	Parudur Pz-2	35.08	40.20	0.00	32.00
Cuddalore	Semi-Confined	W112458079342001	Parudur Pz-1	22.28	28.54	0.00	30.57
Cuddalore	Semi-Confined	W112932079361003	Maruthur IV	41.66	42.05	0.00	34.44
Cuddalore	Semi-Confined	W112932079361002	Maruthur III	39.58	6.55	0.00	31.88
Cuddalore	Semi-Confined	W112932079361001	Maruthur II	24.6	26.70	26.90	26.56
Cuddalore	Semi-Confined	W112932079381001	Maruthur I	5.35	41.58	4.00	5.92
Cuddalore	Semi-Confined	W112932079361007	Maruthur EW	31.18	38.75	32.72	7.58
Cuddalore	Semi-Confined	W113145079432001	Puduchatram	4.21	3.76	3.43	3.15
Cuddalore	Semi-Confined	W113219079310802	Sengalpalayam li pz	81.33	78.08	26.90	79.43
Cuddalore	Semi-Confined	W113219079310801	Sengalpalayam I pz	77.75	81.70	25.60	75.56
Cuddalore	Semi-Confined	W113700079253002	Irruppu II	108.05		26.48	23.58
Cuddalore	Semi-Confined	W113700079253005	Irruppu I	51.88	108.95	23.72	109.44
Cuddalore	Semi-Confined	W112725079222603	C.Keeranur OW-2	48.05	49.72	43.50	31.86
Cuddalore	Semi-Confined	W112725079222602	C.Keeranur OW-1	41.58	43.05	0.00	21.20
Cuddalore	Semi-Confined	W112725079222601	C.Keeranur EW	44.78	43.50	44.54	34.40
Cuddalore	Unconfined	W111630079325001	Kattumannarkudi	3.57	5.09	0.38	1.88
Cuddalore	Unconfined	W112330079413002	Chidambaram	4.13	4.82	1.24	1.77
Cuddalore	Unconfined	W111821079353801	Veeranatham	2.77	11.80	1.15	0.35
Cuddalore	Unconfined	W112142079303001	Solatharam	1.59	1.15	0.51	1.23
Cuddalore	Unconfined	W112645079455001	Killai	2.34	1.97	0.01	1.07
Cuddalore	Unconfined	W113100079200001	Vridhachalam	11.5	3.31	3.20	7.94
Cuddalore	Unconfined	W113630079190001	Kopuvanur	2.86	4.04	0.96	2.38
Cuddalore	Unconfined	W112430079003001	Tholudur(Dug )	7.2	7.15	5.80	3.77
Cuddalore	Unconfined	W112854079024501	Maapodaiyur DW	4.96	7.33	5.95	2.58
Cuddalore	Unconfined	W113430079100001	Nallur	2.24	7.68	6.65	1.80
Cuddalore	Unconfined	W113915079333001	K.P.kottai	13.1	4.99	0.00	4.94
Cuddalore	Unconfined	W113215079323001	Vadalur	7.2	8.70	0.03	3.15

Cuddalore	Unconfined	W113659079442901	Tiruchchopuram DW	5.33	5.90	2.40	3.38
Cuddalore	Unconfined	W113521079313901	Tekumellur DW	1.7	1.80	0.90	1.75
Cuddalore	Unconfined	W113409079404401	Teerthanagiri DW	3.2	4.90	0.93	1.50
Cuddalore	Unconfined	W113146079315201	Seerakuppam dw	3.6	5.60	0.78	3.28
Cuddalore	Unconfined	W113222079352901	Reddipalayam DW	1.64	1.50	0.50	1.03
Cuddalore	Unconfined	W113821079445001	Nadutitu DW	1.55	1.45	0.23	0.78
Cuddalore	Unconfined	W113345079353002	Kurinjpadi	5.25	5.52	0.35	0.59
Cuddalore	Unconfined	W113137079390601	Kundiamallur DW	2.46	3.05	0.70	1.60
Cuddalore	Unconfined	W113604079430801	Keelpuvanikuppam DW	2.35	2.80	0.75	1.70
Cuddalore	Unconfined	W113851079382101	Kattuvegakollai DW	9.55	10.50	1.92	8.19
Cuddalore	Unconfined	W113120079313201	Karunguli dw	0.76	0.95	0.27	1.10
Cuddalore	Unconfined	W113703079331401	Gandhinagar-Nlc Arch Gate DW	8	3.10	3.84	6.32
Cuddalore	Unconfined	W113624079380601	Anthanampettai DW	2.43	1.90	0.00	1.01
Cuddalore	Unconfined	W113455079331201	Abaddaranapuram DW	3.8	3.45	0.35	1.45
Cuddalore	Unconfined	W112448079311401	Nangudi	1.78	4.35	1.03	4.02
Cuddalore	Unconfined	W112930079451501	Porto-nova	1.68	2.41	0.25	1.26
Cuddalore	Unconfined	W112922079425601	Periyakumudhi	1.27	1.50	0.10	1.30
Cuddalore	Unconfined	W113107079221101	Sattamangalam	2.26	2.50	0.00	1.79
Cuddalore	Unconfined	W113330079290002	Neyveli1	6.37	6.17	1.33	4.88
Dharmapuri	Unconfined	W115636078025301	Thoppur1	8.66	9.20	5.98	6.38
Dharmapuri	Semi-Confined	W123145077473001	Dekanikottai	9.68	11.02	6.42	5.79
Dharmapuri	Semi-Confined	W123559077514501	Kelamangalam Pz	21.51	12.00	14.75	15.86
Dharmapuri	Semi-Confined	W121815078043001	Palacode1		17.23	11.23	9.63
Dharmapuri	Semi-Confined	W120803077580601	Konnagihalli	41.4	50.40	3.64	5.05
Dharmapuri	Semi-Confined	W115700078030001	Thoppur	13.6	13.80	7.55	7.89
Dharmapuri	Semi-Confined	W120815078101501	Dharmapuri2	14.43	19.12	12.42	9.23
Dharmapuri	Semi-Confined	W123230078213001	Bargur1		41.32	35.63	12.08
Dharmapuri	Semi-Confined	W123730078151501	Megalachinnapalli	50.8	49.30	50.79	48.82
Dharmapuri	Semi-Confined	W123150078135001	Krishnagiri1	13.3	14.43	7.86	7.06
Dharmapuri	Semi-Confined	W122426078095701	Billakottai Pz		20.62	20.35	20.12

Dharmapuri	Semi-Confined	W124215078110501	Veppanapalli			46.15	45.45
Dharmapuri	Semi-Confined	W124300077500001	Hosur HP	9.3		8.48	11.52
Dharmapuri	Semi-Confined	W124530077584501	Athimugam1	6.94	7.42	4.08	4.00
Dharmapuri	Semi-Confined	W120606078352101	Thirthamalai DW	10.7	8.85	5.32	3.02
Dharmapuri	Semi-Confined	W121322078314201	Keezkuppam deep	13.68	11.45	0.00	3.84
Dharmapuri	Semi-Confined	W122445078134501	Kaveripatnam	3.27	3.48	1.82	2.30
Dharmapuri	Unconfined	W123400077540001	Anusonai	5.41	5.36	2.91	0.50
Dharmapuri	Unconfined	W123130077470001	Denkanikottai1	9.05	9.85	4.58	5.20
Dharmapuri	Unconfined	W120800078033001	Indoor	7.35	7.81	3.18	3.60
Dharmapuri	Unconfined	W120800077590001	Nagadasampatti	5.67	5.60	4.36	3.70
Dharmapuri	Unconfined	W120730077540001	Pennagaram1	7.28	7.89	1.88	4.80
Dharmapuri	Unconfined	W120725077483001	Hogenakkal	2.6	3.45	1.54	2.91
Dharmapuri	Unconfined	W121315078071501	Nallampalli	9.7	12.13	4.35	4.23
Dharmapuri	Unconfined	W120000078150001	Bommidimalapurm	5.05	6.03	2.45	2.95
Dharmapuri	Unconfined	W120729078235601	Morappur dw	13.1	13.40	11.18	7.42
Dharmapuri	Unconfined	W120759078191101	Karthankulam DW	10.85	10.90	10.65	7.05
Dharmapuri	Unconfined	W121540078180702	Irumattur new	9.65	9.58	5.00	5.83
Dharmapuri	Unconfined	W115500078201001	Papireddipatti1	6.1	6.77	1.27	0.55
Dharmapuri	Unconfined	W120745078102001	Dharmapuri1	4.37	3.27	2.49	5.11
Dharmapuri	Unconfined	W121958078210101	Konnanur		6.48	1.01	1.54
Dharmapuri	Unconfined	W123245078213001	Bargur	40.45		0.00	2.40
Dharmapuri	Unconfined	W124000078013001	Sulagiri	7.54	10.00	3.96	4.92
Dharmapuri	Unconfined	W124010077590301	Guraparatiipalli	6.85		6.16	6.90
Dharmapuri	Unconfined	W115840078394501	Kottapatti	10.6	7.40	1.30	1.67
Dharmapuri	Unconfined	W120305078290001	Harur2	17.06	14.82	10.43	7.62
Dharmapuri	Unconfined	W120646078293901	Echambadi dw		9.30	6.79	4.38
Dharmapuri	Unconfined	W120629078244601	Thambichettipatti dw	18.25	18.30	15.19	10.00
Dharmapuri	Unconfined	W115910078400601	Kottapatti DW		5.82	0.90	1.65
Dharmapuri	Unconfined	W120230078290002	Harur1	10.03	7.00	3.61	1.37
Dharmapuri	Unconfined	W121218078241701	Velampatti		25.30	5.68	4.38

Dharmapuri	Unconfined	W121139078174201	Jaggubathipalayam	28.83	30.49	8.38	6.92
Dharmapuri	Unconfined	W121206078211601	Ecchambadi	27.67	28.00	3.02	4.10
Dharmapuri	Unconfined	W120835078170401	Odasalapatti x road	17.7	17.67	4.50	2.24
Dharmapuri	Unconfined	W120830078173001	Odasalapatti	8.8	8.75	5.92	3.80
Dharmapuri	Unconfined	W122258078244501	Mattur new	9.36	0.82	0.57	0.62
Dharmapuri	Unconfined	W122300078250001	Mattur2	10.9	11.38	7.78	6.70
Dharmapuri	Unconfined	W122409078203701	Mahadeva Gollahalli	4.75	9.72	6.37	5.92
Dharmapuri	Unconfined	W122430078123001	Karukkanchavadi	3.15	0.68	1.09	1.09
Dindigul	Semi-Confined	W102805077570501	Tadikambu	11.23	11.80	0.00	9.24
Dindigul	Semi-Confined	W102030077593001	Kullanampatti	12.4	45.60	0.75	6.20
Dindigul	Semi-Confined	W102430077580001	Dindigul1	2.75	3.09	1.80	2.08
Dindigul	Semi-Confined	W102540077530001	Reddiarchatram	5.8	7.14	4.84	4.38
Dindigul	Semi-Confined	W101530078060001	Sanarpatti	25.71	28.40	26.90	25.54
Dindigul	Semi-Confined	W101621077500801	Siddayamkottai	3.37	3.52	1.45	1.83
Dindigul	Semi-Confined	W101940077560001	Pittalaipatti	10.1	11.34	0.00	7.00
Dindigul	Semi-Confined	W102203077501801	Kuvunaikanpatti pz	25.24	26.90	0.00	21.35
Dindigul	Semi-Confined	W103530078051001	Kovilur (Ramanathapuram)	3.18	4.75	3.60	3.54
Dindigul	Semi-Confined	W103500077414001	Kallimandiam	7.8	12.49	8.44	7.01
Dindigul	Semi-Confined	W102927077451001	Oddanchatram1	15.82	17.90	12.85	8.10
Dindigul	Semi-Confined	W104450078053001	Servaikaranpatti	7.61	8.55	7.60	6.97
Dindigul	Semi-Confined	W102845078110001	Ayyalur	19.1	26.40	23.50	17.04
Dindigul	Semi-Confined	W101416077461501	Chitterivu pz	19.2	23.70	15.90	16.03
Dindigul	Semi-Confined	W101358078140001	Nattam	6.47	7.45	5.60	5.50
Dindigul	Semi-Confined	W101024077444101	Vattalagundu pz	6.3	17.62	0.00	7.85
Dindigul	Unconfined	W102130077583002	Paraipatti	2.4	6.00	1.40	2.80
Dindigul	Unconfined	W102232077590701	Nandavanampatti	1.5	2.63	1.20	1.80
Dindigul	Unconfined	W102105077594001	Hanumanthanagar	2.45	2.47	0.62	1.07
Dindigul	Unconfined	W102200077581501	Dindigul2	7.69	5.98	4.05	2.95
Dindigul	Unconfined	W102426078000901	Chellamantadi	7.85	9.25	2.90	3.57
Dindigul	Unconfined	W102500077514001	Reddiarchatram	5.7	9.70	6.40	7.45

Dindigul	Unconfined	W102130078060001	Vadamadurai	8.39	10.52	7.65	4.10
Dindigul	Unconfined	W101530077553001	Gandhigram	9.74	20.46	6.76	5.56
Dindigul	Unconfined	W104017077593201	Kakkinapatti	7.06	9.41	5.95	6.40
Dindigul	Unconfined	W104530078020001	Idayapatti	6.43	10.68	10.28	8.36
Dindigul	Unconfined	W102419078024301	Thamaraipadi	9.75		5.95	5.57
Dindigul	Unconfined	W103251077581601	Vedasandur new	29.38	7.24	6.58	5.18
Dindigul	Unconfined	W103245078041901	Vaivespuram	5.8	7.20	5.80	4.40
Dindigul	Unconfined	W102735078013801	Sundarapuri	15.25		15.25	14.66
Dindigul	Unconfined	W103554077583201	P.Alagapuri	6.12	12.10	7.65	5.47
Dindigul	Unconfined	W103130078040002	Eriyodu1	7.87	9.43	5.13	3.76
Dindigul	Unconfined	W102743077422201	Pudu Ettama Nayakar Patti	3.15	5.75	2.85	2.92
Dindigul	Unconfined	W102600077304501	Palani2	2.77	3.43	1.75	2.92
Dindigul	Unconfined	W102830077340001	Kanakkanpatti	2.71	4.76	1.34	1.21
Dindigul	Unconfined	W103200077311501	Thumbalapatti	9.92	10.25	2.95	3.02
Dindigul	Unconfined	W103524077313701	Thoppampatti	5.6	11.80	5.70	2.50
Dindigul	Unconfined	W102757077482001	Palakanthu	2.97	4.20	4.05	3.25
Dindigul	Unconfined	W102915077451501	Oodanchatram	10.55	12.10	6.32	5.10
Dindigul	Unconfined	W102800077393001	Chattrapatti	13.85	18.68	9.88	6.81
Dindigul	Unconfined	W101605077323001	Perumal Malai	1.22	0.72	0.62	1.24
Dindigul	Unconfined	W101405077290001	Kodaikanal	5.22	6.12	4.02	5.82
Dindigul	Unconfined	W104050078065601	Guzilamparai	0.65	3.00	2.57	1.95
Dindigul	Unconfined	W104338078082101	Muthampattipalayam	0.57	3.50	1.65	2.35
Dindigul	Unconfined	W101320078145001	Natham1	7.78	9.28	7.53	6.53
Dindigul	Unconfined	W101045077544001	Kodai road	12.2	12.47	14.90	14.75
Erode	Semi-Confined	W110300077450001	Muttur	3.8	3.30	2.80	2.30
Erode	Semi-Confined	W112716077200401	Kasipalayam pz	2.65	3.15	-0.60	0.83
Erode	Semi-Confined	W111725077195001	Malaiyapalayam			44.10	43.90
Erode	Semi-Confined	W111334077345401	Ingur pz	3.9	6.55	5.08	2.10
Erode	Semi-Confined	W112158077430101	Erode pz	4.4	9.10	3.72	3.50
Erode	Semi-Confined	W110350077293201	Padiyur pz	7.45	8.00	7.85	5.90

Erode	Semi-Confined	W110700077480001	Kodumudi	5	3.50	3.65	3.80
Erode	Semi-Confined	W111000077420001	Arachchalur	2.55	6.80	2.24	4.25
Erode	Semi-Confined	W104153077232601	Ponnapuram pz	113.35	99.40	95.40	34.65
Erode	Semi-Confined	W104550077345901	Kolathupalayam pz	5.1	5.92	5.70	3.30
Erode	Semi-Confined	W104248077252101	Govindhapuram pz	13.5	113.40	79.40	35.05
Erode	Semi-Confined	W104400077320001	Dharapuram1	2.3	4.60	2.47	1.75
Erode	Semi-Confined	W103930077294501	Alangiyam	7.8	8.40	4.72	3.08
Erode	Semi-Confined	W104950077351101	Sangarandampalayam pz	9.95	7.20	11.40	2.65
Erode	Semi-Confined	W104750077432001	Mulanur1	3.8	5.50	5.47	5.40
Erode	Semi-Confined	W113147077174301	Kambanaickenpalayam pz	14.04	18.50	18.40	12.45
Erode	Semi-Confined	W112559077120701	Vinnampalli pz	100.1	111.90	103.00	92.40
Erode	Semi-Confined	W111440077301001	Vijayamangalam pz	11.2	8.85	8.50	1.30
Erode	Semi-Confined	W110930077353001	Chennimalai1	7.96	8.60	6.88	4.90
Erode	Semi-Confined	W110817077361901	Basuvapatti pz	4.05	6.47	3.76	3.20
Erode	Semi-Confined	W112000077323002	Nallampatti pz	8.9	6.30	4.50	5.58
Erode	Semi-Confined	W111011077405001	E.Vellampalayam pz	1.75	9.60	2.50	1.20
Erode	Semi-Confined	W111028077265001	Uthukuli pz	31.4	19.60	19.70	15.60
Erode	Semi-Confined	W111645077244501	Kunnathur	25.55	23.38	20.20	19.56
Erode	Semi-Confined	W110928077264001	Karumancheri pz	25.5	25.27	20.82	14.58
Erode	Semi-Confined	W111330077263701	Chengapalli	16.05	9.60	11.00	8.85
Erode	Unconfined	W114624077001401	Talavadi pz	17.25	13.00	9.20	9.45
Erode	Unconfined	W114632077012301	Talavadi new		6.40	2.50	0.40
Erode	Unconfined	W114026077074401	Asanur pz	14.85	13.40	14.88	13.01
Erode	Unconfined	W114830077320001	Bhavani1	8.62	7.97	2.01	9.27
Erode	Unconfined	W111610077245001	Kunnathur1	17.57	18.62	18.97	18.07
Erode	Unconfined	W111200077253001	Chengapalli1	9.3	12.35	12.00	9.60
Erode	Unconfined	W105930077333001	Kangayam1	6.6	6.30	5.90	3.95
Erode	Unconfined	W105330077314501	Uthiyur	7.59	8.39	7.39	5.72
Erode	Unconfined	W110010077334501	Kangayam2	9.42	9.42	9.99	7.70
Erode	Unconfined	W110040077415201	Velliyarichal Vadugapalayam pz	1.55	4.00	3.45	1.22

Erode	Unconfined	W105731077432101	Puduppai pz	4.5	5.62	4.40	6.35
Erode	Unconfined	W105730077410002	Olapalayam pz	6.5	10.50	10.50	5.65
Erode	Unconfined	W105640077425501	Vellakoil	4.2	5.15	4.32	2.25
Erode	Unconfined	W110230077440001	Muttur1	5.94	3.54	2.83	2.64
Erode	Unconfined	W112700077270002	Gobichettipalayam pz		10.40	5.64	7.08
Erode	Unconfined	W112235077255001	Kolappalur1			0.00	9.90
Erode	Unconfined	W112730077264501	Gobichettipalayam1	9.6	7.11	3.81	3.39
Erode	Unconfined	W112041077190801	Pilliyampalayam pz	13.85	12.55	15.62	16.15
Erode	Unconfined	W112542077385701	Periyapuliyur pz	1.15	1.86	1.80	0.45
Erode	Unconfined	W111725077195002	Malaiyapalayam pz	43.6	41.10	-0.60	43.90
Erode	Unconfined	W112000077245001	Getticheviyur	14.25	15.50	8.20	8.50
Erode	Unconfined	W112000077440001	Erode2	5.2	6.15	5.25	5.40
Erode	Unconfined	W112330077404001	Chittodu	6.89	8.79	4.90	2.74
Erode	Unconfined	W110730077523001	Unjalur	3.63	3.55	3.40	3.43
Erode	Unconfined	W111028077512401	Priyakolanalli pz	4.65		0.40	0.68
Erode	Unconfined	W111400077431501	Avalpundurair	2.9	2.45	1.55	1.45
Erode	Unconfined	W111140077464501	Elmattur	3.19	6.89	1.69	0.94
Erode	Unconfined	W110945077420001	Archalur	5.94	6.89	5.19	4.84
Erode	Unconfined	W104550077350301	Kolathupalayam		6.60	5.46	5.25
Erode	Unconfined	W104550077354001	Karaiyur1	4.25	7.35	4.72	2.35
Erode	Unconfined	W104420077314501	Dharapuram2	3.25	4.30	3.82	2.35
Erode	Unconfined	W103835077440301	Nilangelvalasu pz			12.16	7.35
Erode	Unconfined	W104730077423001	Mulanur2	2.79	3.89	3.62	3.64
Erode	Unconfined	W113112077361201	Settunampalayam pz	15.65	7.36	8.90	6.70
Erode	Unconfined	W113423077414201	Kurichi pz	8.5	9.60	1.20	1.50
Erode	Unconfined	W113830077410001	Guruvareddiyur	10.7	23.60	11.30	5.15
Erode	Unconfined	W114204077401901	Chennampatti pz	14.6	16.42	8.90	4.50
Erode	Unconfined	W113730077430001	Ammapet1	4.75	6.72	5.10	5.15
Erode	Unconfined	W113531077395801	Punnachipudur dw	14.9	15.25	11.84	8.20
Erode	Unconfined	W113212077423501	Krishnapuram	11.51	17.66	3.98	5.83



Erode	Unconfined	W113829077405601	Guvuar dw	9	16.70	8.90	5.40
Erode	Unconfined	W113932077410501	Gandhinagar Thaneerpanthalpalayam	16.3	19.40	17.42	8.45
Erode	Unconfined	W113710077444001	Ammapet2	5.55	5.50	3.17	2.88
Erode	Unconfined	W113243077354301	Kattupalayam pz	53.65	11.10	9.76	4.30
Erode	Unconfined	W113540077351501	Pudupalayam1	21.94	22.74	18.74	7.69
Erode	Unconfined	W113127077310001	Attani	9.97	11.51	8.13	9.21
Erode	Unconfined	W112905077413001	Urachikottai	4.9	7.00	5.18	1.75
Erode	Unconfined	W112600077333001	Kavundappadi	4.95	9.12	7.00	3.80
Erode	Unconfined	W112520077333001	Kavundapadi1	5.71	7.01	5.86	5.71
Erode	Unconfined	W113144077083201	Rajan Nagar pz	9.3	10.80	11.05	9.90
Erode	Unconfined	W112100077100001	Pungaipuliampatti	10.35	10.80	8.40	6.70
Erode	Unconfined	W112730077080001	Kottamangalam	9.55	8.60	8.00	8.20
Erode	Unconfined	W112245077134001	Kavilipalayam pz	3.8	3.25	2.16	2.28
Erode	Unconfined	W112832077151501	Ariyappanpalayam pz	5.28	4.90	4.30	4.15
Erode	Unconfined	W112919077092301	Velliyampalayamputhur pz	7.95	7.95	6.15	1.20
Erode	Unconfined	W112950077141001	Sathyamangalam1	10.04	10.78	8.87	9.00
Erode	Unconfined	W112532077142801	Kathampalayam pz	2.15	4.30	1.80	1.45
Erode	Unconfined	W112653077212801	Alukuli pz	7.6	10.20	5.83	5.10
Erode	Unconfined	W113010077145001	Sathiyamangalam	8.69	8.35	7.78	7.98
Erode	Unconfined	W112138077191501	Nambiyur	9.65	17.26	15.00	12.30
Erode	Unconfined	W112700077161001	Indiampalayam	3.85	4.75	4.35	2.90
Erode	Unconfined	W113738077362201	Alampalayam pz	59.2		51.70	12.88
Erode	Unconfined	W113250077083001	Rajanagaram	12.49	12.39	11.42	12.34
Erode	Unconfined	W112354077310301	Pandiyampalayam pz	13.05	21.00	11.03	8.56
Erode	Unconfined	W112720077202201	Kasipalayam	8.4	17.80	7.15	4.95
Erode	Unconfined	W113015077243001	Bangalapudhur	10.7	7.15	5.72	6.30
Erode	Unconfined	W113100077280501	Adachapalayam	10.5		4.45	7.60
Erode	Unconfined	W111410077393101	Vellodu new	3.08	4.15	2.10	1.70
Erode	Unconfined	W110945077355001	Chennimalai2	6.1	7.22	6.15	4.62
Erode	Unconfined	W113026077365002	Punnam pz		5.98	6.00	4.10

Erode	Unconfined	W111430077301501	Vijayamangalam1	19.37	16.40	14.63	7.65
Erode	Unconfined	W111645077350501	Perundurai1	16.38	18.18	15.93	12.53
Erode	Unconfined	W112010077351001	Nasiyanur	14.34	6.59	6.01	8.39
Kancheepuram	Semi-Confined	W125744080110301	Kilkattalai		9.00	8.90	2.32
Kancheepuram	Semi-Confined	W124538080035601	Karunilam pz				1.10
Kancheepuram	Semi-Confined	W125305080064901	Nedunkundram	6.76	7.20	0.10	1.92
Kancheepuram	Semi-Confined	W122240079480101	Athur-Villupuram Dist	8.5	6.20	1.40	1.76
Kancheepuram	Semi-Confined	W125500079504001	Panruti Kandigai	8.35	6.30	4.23	8.85
Kancheepuram	Semi-Confined	W122240079421001	Oratti pz	5.8	6.40	0.15	1.25
Kancheepuram	Semi-Confined	W125813080093801	Pallavaram pz	3.87	3.65	3.40	0.92
Kancheepuram	Semi-Confined	W130015080111501	Nandambakkam	4.26	3.43	3.48	0.98
Kancheepuram	Semi-Confined	W124415079503001	Thirumukkudal	3.45	2.60	0.72	2.46
Kancheepuram	Semi-Confined	W125305080064902	Ponmar	10.42	12.10	11.45	0.95
Kancheepuram	Semi-Confined	W130007080041001	Kundathur periurban		7.30	7.40	2.15
Kancheepuram	Semi-Confined	W124905079561201	Vadakkupattu pz	1.75	1.70	0.00	0.60
Kancheepuram	Semi-Confined	W123030079533001	Maduranthakam	7.1	7.10	0.26	2.67
Kancheepuram	Unconfined	W121530079543001	Chunamedu	5.32	8.65	1.63	1.32
Kancheepuram	Unconfined	W123353079434501	Arasanimangalam	10.9		0.00	1.62
Kancheepuram	Unconfined	W125542080101501	Rajakeelpakkam dw	8.93	8.55	7.70	1.60
Kancheepuram	Unconfined	W122400079463001	Acharapakkam	5.4	5.90	0.37	1.50
Kancheepuram	Unconfined	W121515079543001	Chunampettai	7.95	5.70	0.32	1.55
Kancheepuram	Unconfined	W122050079543001	Kolathanallur	7.56	7.50	1.60	3.27
Kancheepuram	Unconfined	W125822080091601	Pallavaram		8.70	8.65	2.44
Kancheepuram	Unconfined	W125820080102501	Meenambakkam1	5.1	7.40	5.17	1.37
Kancheepuram	Unconfined	W130026080115201	St.Thomas Mount dw	8.59	8.41	9.00	1.90
Kancheepuram	Unconfined	W125210080145001	Uthandi	4.93	5.57	5.69	2.88
Kancheepuram	Unconfined	W125407080145801	Akkarai	3.75	4.87	4.48	2.15
Kancheepuram	Unconfined	W125445080004501	Paddapai	10.04	10.45	10.15	1.10
Kancheepuram	Unconfined	W130121080091201	Porur dw	5.07	5.61	5.97	1.17
Kancheepuram	Unconfined	W125331080040801	Mudichur periurban	3.62	3.50	2.08	1.01

Kancheepuram	Unconfined	W125746080064702	Thiruneermalai periurban	9.15	7.60	7.68	3.70
Kancheepuram	Unconfined	W123730080113001	Mahabalipuram	4.2	4.55	4.15	0.90
Kancheepuram	Unconfined	W125500080063001	Perungulathur	6.6	7.15	6.85	0.85
Kancheepuram	Unconfined	W125520080120501	Pallikaranai	2.75	2.36	2.16	1.16
Kancheepuram	Unconfined	W125600080080001	Tambaram1	10.68	10.60	8.90	3.80
Kancheepuram	Unconfined	W125900080073001	Anakkaputhur	9.83	10.25	10.10	1.15
Kancheepuram	Unconfined	W125148080133401	Chemmancheri	4	5.19	5.00	2.70
Kancheepuram	Unconfined	W125400080140001	Sholinganallur	2.05	1.88	1.44	0.60
Kancheepuram	Unconfined	W123800079455001	Uthiramerur1	7.28	5.60	2.10	2.44
Kancheepuram	Unconfined	W123800079500001	Rettamangalam		5.30	0.64	2.06
Kancheepuram	Unconfined	W123630079441501	Uthiramerur2	10.3	9.80	1.04	2.88
Kancheepuram	Unconfined	W124830080111501	Thiruporur	4.84		2.22	1.55
Kancheepuram	Unconfined	W123630079400001	Tirukalukundram	5.8	5.29	3.53	2.32
Kancheepuram	Unconfined	W124345080113001	Tiruporur		3.11	0.55	0.75
Kancheepuram	Unconfined	W123113080090601	Sadras	3.9	4.33	4.19	1.25
Kancheepuram	Unconfined	W125532080093901	Sembakkam	7.06	6.60	6.18	3.53
Kancheepuram	Unconfined	W125401080101601	Vengaivasal	3.6	8.50	6.74	4.65
Kancheepuram	Unconfined	W125356080093801	Madambakkam	5.1	3.75	5.24	1.10
Kancheepuram	Unconfined	W125315080085501	Agaram2	5.9	9.50	8.32	2.50
Kancheepuram	Unconfined	W125626080081501	Chitlapakkam	4.03	9.40	8.02	2.95
Kancheepuram	Unconfined	W125635080085201	Hasthinapuram	12.6	12.90	11.56	2.55
Kancheepuram	Unconfined	W125705080082101	Chrompet	5.82	6.90	6.67	2.08
Kancheepuram	Unconfined	W125727080073401	Nagalkeni	1.8	2.60	2.57	1.64
Kancheepuram	Unconfined	W130055080081201	Gerugambakkam periurban	3.08	3.24	3.28	0.60
Kancheepuram	Unconfined	W125800079570001	Sriperumbudur		7.99	2.31	5.02
Kancheepuram	Unconfined	W123145079540001	Madurantagam1	9.18	8.00	0.52	3.10
Kancheepuram	Unconfined	W124630079493001	Walajabad	6.36	5.70	0.48	3.65
Kancheepuram	Unconfined	W125000079423001	Kancheepuram	10.73	8.33	7.15	3.83
Kancheepuram	Unconfined	W125120080101001	Ponmar	10.42	12.10	11.45	2.74
Kancheepuram	Unconfined	W125207080063701	Kolapakkam	5.55	7.20	6.70	2.15

Kancheepuram	Unconfined	W125338080045201	Vandalur	3.52	4.32	3.84	2.40
Kancheepuram	Unconfined	W124850080020001	Kattangulathur	5.13	5.70	0.05	1.67
Kancheepuram	Unconfined	W124200079584001	Chengalpattu	3.68	5.90	1.78	3.50
Kancheepuram	Unconfined	W125030080040001	Guduvancheri	8.6	9.20	-0.80	2.40
Kancheepuram	Unconfined	W124200079583001	Chenglepet1	5.11	4.60	0.90	3.00
Kanyakumari	Semi-Confined	W081405077140502	Karungal pz	13.04	12.22	10.20	10.33
Kanyakumari	Semi-Confined	W082000077160401	Thiruvattar	4.27	6.53	5.98	6.18
Kanyakumari	Semi-Confined	W080520077330001	Kanyakumari PZ		9.56	7.42	6.04
Kanyakumari	Unconfined	W081040077154501	Kolachal	10.64	11.73	10.02	11.02
Kanyakumari	Unconfined	W081530077271001	Boothapandy	3.83	4.45	3.63	4.30
Kanyakumari	Unconfined	W081500077310001	Aralvaimozhi	3.3	4.30	2.90	3.58
Kanyakumari	Unconfined	W081330077213001	Villukuri	2.7	2.62	2.28	3.37
Kanyakumari	Unconfined	W081930077153001	Attur	6.25	7.47	6.09	7.07
Kanyakumari	Unconfined	W080700077334501	Variyoor	0.6	0.53	0.70	0.96
Kanyakumari	Unconfined	W081000077270001	Nagarkoil1	1.2	1.77	0.76	0.96
Kanyakumari	Unconfined	W080500077330001	Kanyakumari1	6.2	5.95	1.55	1.35
Kanyakumari	Unconfined	W080610077323801	Kundal(West) PZ	6	4.66	0.00	0.80
Kanyakumari	Unconfined	W082108077170901	Kulasekharan DW	4	5.26	5.14	5.72
Kanyakumari	Unconfined	W081430077193001	Takkalai	2.195	2.68	1.55	2.70
Kanyakumari	Unconfined	W081130077174301	Chettiarmadam DW	9.94	6.62	9.02	6.80
Kanyakumari	Unconfined	W081455077183001	Thakkalai1	7.8	5.37	7.24	7.16
Kanyakumari	Unconfined	W081702077161901	Kattudurai DW	3.82	4.68	4.10	4.77
Kanyakumari	Unconfined	W080755077220001	Rajakamangalam	3.1	2.62	1.34	1.93
Karaikal	Unconfined	W105830079463001	Nedungadu	2.15	2.46	1.54	2.04
Karaikal	Unconfined	W105730079490001	Kottucherry	3.11	3.51	-0.03	0.90
Karaikal	Unconfined	W105534079473201	Tirunallar dw	2.75	3.15	1.13	1.65
Karaikal	Unconfined	W105600079503001	Kilakasakudi	2.1	2.66	0.42	1.21
Karaikal	Unconfined	W105556079495302	Karaikal dw	3.13	3.85	1.32	1.45
Karur	Semi-Confined	W110330077560001	Noyyil pz	2.4	2.21	1.44	1.40
Karur	Semi-Confined	W110345078021003	Ayyampalayam pz	1.54	2.08	1.20	1.03

Karur	Semi-Confined	W105100078000001	Choladasanpatti pz		13.93	30.40	10.18
Karur	Semi-Confined	W105100078293002	Enungur pz	8.88	9.33	8.72	7.72
Karur	Semi-Confined	W105715078142002	Mayanur Ow pz	11.98	13.19	10.80	10.62
Karur	Semi-Confined	W105132078252203	Echampatti pz	2.67	5.91	2.10	1.66
Karur	Semi-Confined	W105245078293001	Ayyarmalai pz	5.69	7.80	5.20	4.91
Karur	Unconfined	W110308077553002	Noyyil1		3.30	3.10	3.03
Karur	Unconfined	W105730078050002	Karur2	4.38	6.16	2.16	1.76
Karur	Unconfined	W104630077553001	Aravakurichi2	6.4	8.00	7.25	5.08
Karur	Unconfined	W105800077544501	Paramatti1	2.16	3.15	2.88	0.98
Karur	Unconfined	W105200077540002	Chinna Dharapuram	3.45	5.76	4.80	2.03
Karur	Unconfined	W105630078143001	Mayanur	8.45	8.20	7.74	6.24
Karur	Unconfined	W105117078291601	Enuguru DW	10.08	11.00	10.95	9.05
Karur	Unconfined	W105158078325001	Allur-Aragaram dw	3.27	3.20	1.70	2.05
Karur	Unconfined	W104354078313001	Vaducheri	8.75	10.16	10.88	8.62
Karur	Unconfined	W104345078253001	Thogamalai	2.07	4.32	3.92	1.90
Karur	Unconfined	W104350078145201	Tarangampatti	11.66	14.27	12.88	10.00
Karur	Unconfined	W104644078115102	Veerapalayam dw	14.65	24.40	0.00	12.68
Karur	Unconfined	W105236078131901	Melnagavaram dw	1.2	3.49	1.10	1.28
Karur	Unconfined	W105206078322201	Tiruparaithurai dw	1.48	1.80	0.75	0.92
Karur	Unconfined	W105030078100001	Jagatabi	10.57	11.44	10.29	8.69
Madurai	Semi-Confined	W100009077554402	Vikramangalam pz	6.69		0.00	7.40
Madurai	Semi-Confined	W100320077540001	Kalluthu pz	23.1	36.05	23.60	36.70
Madurai	Semi-Confined	W100650078030801	Thethur pz			9.35	8.40
Madurai	Semi-Confined	W100107078060402	Thandalai pz	5.45	3.03	2.35	2.45
Madurai	Semi-Confined	W100636078064702	Palamedu pz	15.3	15.53	36.90	9.45
Madurai	Semi-Confined	W100416077583601	Vadipatti-pz	2		0.10	1.25
Madurai	Semi-Confined	W101535078213102	Thonthilingapuram pz	17.53		17.05	16.30
Madurai	Semi-Confined	W101319078223802	Kottampatti pz	18.5		15.65	14.55
Madurai	Semi-Confined	W100158078233701	Thaniyamangalam pz	4.41		5.00	3.40
Madurai	Semi-Confined	W095806078232902	Ambalakaranpatti pz	2.22		1.15	1.71

Madurai	Semi-Confined	W100335078161502	Vellalapatti pz	3.23		2.30	18.00
Madurai	Semi-Confined	W095445078152502	Varichiyur pz	11.52		8.90	7.67
Madurai	Semi-Confined	W100509078222902	Thumbaipatti pz	6.43		5.95	5.55
Madurai	Semi-Confined	W095839078114502	Thethankulam pz	11.59	7.13	5.60	6.95
Madurai	Semi-Confined	W095348078151802	Kunnathur pz	6.69	8.32	1.60	5.90
Madurai	Semi-Confined	W095431078110902	Andarkottaram pz	3.7	1.33	1.05	1.05
Madurai	Semi-Confined	W095942078084901	Omachikulam pz	4.89	5.30	2.35	2.10
Madurai	Semi-Confined	W100306078095602	M.Chathirapatti pz	12.5		1.90	5.75
Madurai	Semi-Confined	W100050078065302	Kulam nagalm pz	1.3	0.45	0.45	0.44
Madurai	Semi-Confined	W095629077580502	Chekkanoorani pz	2.02	5.48	1.80	3.83
Madurai	Semi-Confined	W094324077505102	T.Kalluppatti pz	9.6	11.55	7.75	5.88
Madurai	Semi-Confined	W094225077530802	Kolluveeranpatti pz	5.4	7.18	1.80	0.50
Madurai	Semi-Confined	W094957077430002	T.Ramanathapuram pz		9.05	5.90	6.93
Madurai	Semi-Confined	W094816077400902	T.Krishnapuram pz	50.4	89.40	21.54	34.90
Madurai	Semi-Confined	W094546077442102	Saptur pz	10.71	12.10	11.25	9.23
Madurai	Semi-Confined	W094434077473202	Peraiyur pz	11.88	11.98	8.85	6.54
Madurai	Semi-Confined	W095226077520502	Thummakaundu pz	13.2		15.30	13.64
Madurai	Semi-Confined	W095603077474702	Pothampatti pz	7.93	29.90	39.50	37.40
Madurai	Semi-Confined	W095233077451802	Jothilnaickanur pz	10.93	12.50	12.00	12.50
Madurai	Semi-Confined	W093829077582802	Avalsuranpatti pz	4.9	6.15	2.00	2.33
Madurai	Semi-Confined	W095045077534102	P.Ammappatti pz	5.05	5.70	-0.28	1.68
Madurai	Semi-Confined	W094712078000702	Keelakottai pz	10.48		3.85	2.90
Madurai	Semi-Confined	W094830078055801	Valayankulam	18.05	17.80	16.85	14.02
Madurai	Semi-Confined	W095011078032402	Surakulam pz	7.02	5.06	5.95	2.32
Madurai	Semi-Confined	W095119078033202	Nilaiyur pz	4.87	3.90	3.15	3.06
Madurai	Semi-Confined	W095515077530001	Tirumangalam	9.75	8.55	1.87	6.21
Madurai	Unconfined	W095738078042301	Vilangudi	4.4	4.50	3.20	2.90
Madurai	Unconfined	W095913078082001	Thirupallai	3.87	3.18	1.15	1.33
Madurai	Unconfined	W095704078122601	Thirumogur	5.17		2.75	1.40
Madurai	Unconfined	W095605078100801	Melamadai	8.05	8.70	6.10	6.35

Madurai	Unconfined	W095643078070701	Meenambalpuram			0.00	3.60
Madurai	Unconfined	W095430078091001	Madurai south	6.64	7.55	0.00	5.70
Madurai	Unconfined	W095538078061301	Madurai Rly Colony	20.5	14.78	15.50	16.20
Madurai	Unconfined	W095304078105701	M.Puliyankulam	6.78	8.30	4.35	4.93
Madurai	Unconfined	W100350077583001	V.Andippatti	8.49		1.50	1.92
Madurai	Unconfined	W100259078052901	Alanganallur dw	6.48	4.25	4.00	3.95
Madurai	Unconfined	W100453077580101	Vadipatti dw	2.95			2.30
Madurai	Unconfined	W100300078054801	Alanganallur	5.88	5.80	5.60	5.70
Madurai	Unconfined	W100200078204002	Meluru new	7.45		8.65	2.09
Madurai	Unconfined	W100150078200001	Melur1	8.38		6.20	2.10
Madurai	Unconfined	W095730078181501	Kambur	5.6		2.68	6.80
Madurai	Unconfined	W100245078120001	Kallandri1	4.57	2.20	1.40	1.15
Madurai	Unconfined	W100445078103001	Kadavoor	5.1	6.28	5.10	5.65
Madurai	Unconfined	W094500077403001	Sedapatti	7.44	8.10	7.30	6.30
Madurai	Unconfined	W095910077481502	Usilampatti new	9.25	7.60	7.50	7.70
Madurai	Unconfined	W095815077474501	M.Kallupatti	6.7	5.90	5.00	3.84
Madurai	Unconfined	W094900077584502	Thirumangalam new	8.65	8.49	8.70	6.10
Madurai	Unconfined	W095627078000201	M.K.University	7.9	8.75	6.85	8.20
Madurai	Unconfined	W095136078011901	Kappalur	2.43	3.90	2.35	2.43
Madurai	Unconfined	W094749078053601	Eliyarpathi	13.95	16.24	14.45	12.60
Madurai	Unconfined	W095250078064001	Avaniyapuram	11.85	13.15	12.60	10.20
Nagapattinam	Confined	W105929079340001	Paramasivapuram III	5.15	9.40	3.20	4.53
Nagapattinam	Confined	W111939079492901	Kothandapuram I	1.53	2.20	0.00	2.43
Nagapattinam	Confined	W105930079340501	Paramasivapuram II	12.55	13.50	13.29	13.58
Nagapattinam	Unconfined	W104600079440001	Keelvalur	3.77	4.53	1.68	2.54
Nagapattinam	Semi-Confined	W111715079430001	Puttur			14.05	13.67
Nagapattinam	Unconfined	W102841079494401	Thirukadaiyur	3.7	4.30	1.22	2.15
Nagapattinam	Unconfined	W102100079514501	Vedaranyam	1.94	2.46	0.51	0.71
Nagapattinam	Unconfined	W102841079494501	Thamaraipulam	2.5	3.44	0.91	0.84
Nagapattinam	Unconfined	W102430079410001	Thagattur	1.84	3.62	1.18	1.34

Nagapattinam	Unconfined	W110101079510501	Tranquebar	2.4	2.30	1.12	1.97
Nagapattinam	Unconfined	W111948079463101	Nallur	2.24	7.68	6.65	1.39
Nagapattinam	Unconfined	W111947079430801	Kollidam	3.16	3.58	1.05	2.20
Nagapattinam	Unconfined	W111420079442001	Sirgazhi1			0.93	1.98
Nagapattinam	Unconfined	W110849079500601	Poompuhar Melaiyur	4.14	3.95	2.36	2.69
Nagapattinam	Unconfined	W104100079501501	Velanganni			0.20	0.82
Nagapattinam	Unconfined	W104804079503101	Nagore	4.75	5.67	0.85	1.50
Nagapattinam	Unconfined	W104657079503501	Nagapattinam	4.92	5.62	2.42	2.56
Nagapattinam	Unconfined	W104439079510101	Akkaraipettai	2.74	2.98	0.78	1.88
Nagapattinam	Unconfined	W110540079392001	Mayavaram	2.18	3.06	0.51	1.45
Namakkal	Semi-Confined	W111500077543001	Solasiramani	4.94	5.20	3.06	6.15
Namakkal	Semi-Confined	W112430077573001	Tiruchengodu	10.5	11.10	2.50	4.30
Namakkal	Unconfined	W111631077482901	Patlur	1.05	1.25	0.20	0.78
Namakkal	Unconfined	W111600077520001	Nallur1	9.8	11.40	10.38	4.25
Namakkal	Unconfined	W111854077552701	Chittalandur dw	8.5	9.60	3.10	2.35
Namakkal	Unconfined	W112148077483201	Ainthu Panai	0.8	1.85	3.90	2.95
Namakkal	Unconfined	W112500078180001	Singalanadu prm	10.73	14.88	31.13	14.98
Namakkal	Unconfined	W112745078163001	Namagiripet	14.62	14.58	12.86	9.92
Namakkal	Unconfined	W112818078181601	Kumbakkottai	18.5	17.05	16.45	8.12
Namakkal	Unconfined	W112730078133001	Rasipuram1	16.22	14.37	10.64	8.77
Namakkal	Unconfined	W113045078054501	Vennandur	11.51	11.51	8.71	6.71
Namakkal	Unconfined	W113045078083001	Mohanur1		1.57	0.10	0.43
Namakkal	Unconfined	W112603078080401	Gurusamipalayam	12.6	11.95	5.80	3.85
Namakkal	Unconfined	W110630078001201	Velur	1.6	6.75	0.70	1.50
Namakkal	Unconfined	W111410077545101	Pudur Siddhampoondi	9.8	9.20	8.38	1.10
Namakkal	Unconfined	W110340078083001	Mohanur	0.7	4.40	2.40	2.75
Namakkal	Unconfined	W110518078043701	Palapati	0.4	0.25	0.00	0.10
Namakkal	Unconfined	W110915078011501	Paramarathi	4.55	7.40	3.58	2.40
Namakkal	Unconfined	W111600077583001	Nallurgaundanpalayam	9.7	11.00	8.67	3.25
Namakkal	Unconfined	W110924078011701	Paramarathi dw	1.8	8.55	4.30	3.13



Namakkal	Unconfined	W111215077593001	Irumbapalam	3.5	4.30	1.68	1.65
Namakkal	Unconfined	W111627078045701	Kalinayakkanur	2.15	5.90	3.81	5.83
Namakkal	Unconfined	W111722078040801	Velakaundanpatti dw	8.3	9.05	8.52	6.50
Namakkal	Unconfined	W112000078050001	Vaiyappamalai	12.43	15.58	9.55	4.88
Namakkal	Unconfined	W112111077572201	Unjanai	16.8	15.00	10.73	8.00
Namakkal	Unconfined	W111856078020101	Kattipalayam	10.9	12.65	12.81	10.85
Namakkal	Unconfined	W112305078004502	Elachipalayam new	16.08	16.38	11.28	9.28
Namakkal	Unconfined	W113100078021001	Kalipatti	10.48	12.33	7.75	6.28
Namakkal	Unconfined	W112319077455301	Tharagadu Mandavathur	2.5	2.45	0.70	0.70
Namakkal	Unconfined	W112509077420201	Sanarpalayam	6.9	4.70	4.45	1.90
Namakkal	Unconfined	W112446077462501	Sammankadu Elanthankottai	8.5	4.70	3.76	13.20
Namakkal	Unconfined	W112103077455001	Annai sathanagar	1	1.17	0.82	0.35
Namakkal	Unconfined	W112300077543001	Thiruchengodu	7.88	9.53	3.58	3.36
Namakkal	Unconfined	W112000078144501	K.Naickanpatti	10.58	10.33	10.31	10.18
Namakkal	Unconfined	W111810078140001	Senthamangalam	14.9	10.90	9.40	7.15
Namakkal	Unconfined	W111112078100501	Thondichettipatti	24.2	24.00	10.70	18.10
Namakkal	Unconfined	W110604078090601	Thoppur	13.6	13.80	7.55	6.15
Namakkal	Unconfined	W111312078100001	Namakkal1	4	8.55	6.30	5.67
Namakkal	Unconfined	W111300078102001	Namakkal2	7.92	5.67	3.05	2.27
Namakkal	Unconfined	W113515078262501	T.Naickanpatti	20.95		0.00	15.40
Namakkal	Unconfined	W113100078203001	Metala	18.55	14.85	14.53	4.65
Namakkal	Unconfined	W112859078223001	Kamarajar Nagar	19	17.45	16.15	10.50
Namakkal	Unconfined	W113424078241601	Eswaremoorthypalayam	43.15	42.65	38.19	37.15
Namakkal	Unconfined	W113200078210001	Ayilpatti	16.4	18.75	15.20	8.80
Nilgiris	Unconfined	W112840076205001	Pandalur		2.50	2.83	4.15
Nilgiris	Unconfined	W112350076420001	Udhagamandalam	0.97	0.02	0.75	1.08
Nilgiris	Unconfined	W112800076364501	Pykara	1.66	0.49	1.75	2.00
Nilgiris	Unconfined	W112130076543001	Mullur	3.01	3.52	0.60	2.55
Nilgiris	Unconfined	W112600076515001	Kothagiri	16.55	15.51	18.86	17.93
Nilgiris	Unconfined	W112300076483001	Wellington	1.34	0.46	1.15	0.98

Nilgiris	Unconfined	W113045076163001	Cherambadi	4.24	2.58	3.09	3.74
Perambalur	Confined	W111701079170201	Kuvagam ew	70.6	67.88	69.11	73.33
Perambalur	Confined	W111400079185403	Elaiyur pz	51.98	54.02	53.24	52.63
Perambalur	Semi-Confined	W111032079063401	V.Ramanapuram PZ	31.53	25.10	23.76	14.76
Perambalur	Semi-Confined	W111404079221202	Mahimapuram OW-Pz			0.00	57.10
Perambalur	Semi-Confined	W111404079221201	Mahimapuram EW-Pz	57.6	58.80	59.41	31.40
Perambalur	Semi-Confined	W111229079265103	G.K.Cholapuram -OW-2	24.6	26.80	32.57	13.24
Perambalur	Semi-Confined	W111229079265102	G.K.Cholapuram -OW-1-Pz	31.06	33.70	24.70	23.60
Perambalur	Semi-Confined	W111229079265101	G.K.Cholapuram -EW	24.4	26.10	24.41	13.32
Perambalur	Semi-Confined	W111825079205801	Kattathur DW		0.95	1.06	1.70
Perambalur	Semi-Confined	W110546078493101	Padalur Pz	4.31	6.05	4.44	2.75
Perambalur	Semi-Confined	W112030079034501	Veppur1	10.52	6.78	6.50	2.29
Perambalur	Semi-Confined	W112052079230303	Keelkavarapalayam- OW-2	72.2	76.94	69.30	75.73
Perambalur	Semi-Confined	W112052079230302	Keelkavarapalayam- OW-1	68.4	71.76	76.64	74.70
Perambalur	Semi-Confined	W111403078532801	Perambalur1	6.68	7.84	6.50	2.95
Perambalur	Unconfined	W111153079193801	Tularangurichchi DW	2.5	6.10	3.60	1.30
Perambalur	Unconfined	W111707079292401	Pappakudi DW	5.27	5.95	5.36	1.62
Perambalur	Unconfined	W111246079215201	Jayankondam DW	2.69	2.55	2.65	2.55
Perambalur	Unconfined	W111240079234501	G.K.Cholapuram	3.81	7.34	2.90	1.45
Perambalur	Unconfined	W112019079223901	Andimadam DW	6.01	6.13	0.00	3.88
Perambalur	Unconfined	W105615079061501	Tirumanur	11.09		6.30	5.30
Perambalur	Unconfined	W110200079030001	Kilpazhavur	5.68	6.31	0.20	0.35
Perambalur	Unconfined	W110015078593001	Kilarasur	7.32	9.23	10.30	5.50
Perambalur	Unconfined	W110940078432001	Nakkaselam	12.42	13.38	8.35	6.20
Perambalur	Unconfined	W110805078463001	Chettikulam DW	6.64	6.72	3.69	3.20
Perambalur	Unconfined	W110830079034501	Ariyalur1	13.99	13.93	15.10	11.86
Perambalur	Unconfined	W111149078504601	Vijayagopalapuram dw		7.75	7.55	3.75
Perambalur	Unconfined	W111405078480501	Kurumbalur	12.73	9.80	5.20	3.60
Perambalur	Unconfined	W111617078504601	Essani dw	4.65	13.68	2.75	3.93
Perambalur	Unconfined	W111426078580501	Chitali DW	26.15	15.65	19.85	3.43

Perambalur	Unconfined	W111255078445001	Ammapalayam	9.65	10.06	4.75	3.60
Perambalur	Unconfined	W111350079013001	Kunnam	6.7	8.38	6.20	3.45
Perambalur	Unconfined	W111556079013901	Idayankurichhi		6.14	5.16	1.40
Perambalur	Unconfined	W112436079195801	Periyathukurichi	2.6	2.36	2.60	2.00
Perambalur	Unconfined	W112013078410701	Annukkur	5.86	7.24	8.50	2.40
Perambalur	Unconfined	W111830078550001	Valikandapuram	5.9	6.97	6.80	3.74
Perambalur	Unconfined	W112044078495401	Palaiyur	5.21	7.06	5.10	2.60
Perambalur	Unconfined	W112051078565601	Mangalamedu DW		12.98	12.77	4.55
Perambalur	Unconfined	W111530078563001	Ranjankudi	3.92	6.34	5.00	1.63
Perambalur	Unconfined	W111400078523001	Perambalur2	6.9	6.90	6.30	2.90
Pondicherry	Semi-Confined	W115332079441004	Mangalam5	22.08	23.00	20.70	18.50
Pondicherry	Semi-Confined	W115332079441003	Mangalam4	22.03	25.02	23.10	21.40
Pondicherry	Semi-Confined	W115332079441002	Mangalam3	24.61	25.63	22.90	21.74
Pondicherry	Semi-Confined	W115332079441001	Mangalam2	16.07	16.84	16.90	15.15
Pondicherry	Semi-Confined	W115532079441001	Mangalam1	14.64	15.20	15.13	17.33
Pondicherry	Semi-Confined	W114757079462902	Manapattu OW	5.93	5.66	3.69	4.32
Pondicherry	Semi-Confined	W114757079462901	Manapattu EW	20.94	21.84	15.45	17.42
Pondicherry	Semi-Confined	W115530079380001	Madagadipattu	47.55	46.45	39.67	48.26
Pondicherry	Unconfined	W115500079453001	Villanur	5.78	5.60	3.65	4.38
Pondicherry	Unconfined	W115300079460003	Reddichavadi	2.47	1.69	0.54	1.70
Pondicherry	Unconfined	W115443079492401	Pondicherry	3.48	2.40	2.11	2.09
Pondicherry	Unconfined	W115400079490001	M.N.Kuppam	5.62	5.25	3.56	6.31
Pondicherry	Unconfined	W114800079470001	Kattukuppam	2.37	1.07	0.70	1.12
Pudukkottai	Semi-Confined	W103610078340001	Viralimalai1	5.9	7.13	2.40	1.80
Pudukkottai	Unconfined	W103150078580001	Adanakottai	6.03	7.70	7.20	4.87
Pudukkottai	Unconfined	W103630078463001	Thondaimanallur	12.77	12.50	10.65	5.73
Pudukkottai	Unconfined	W101905078343001	Konnaiyur		8.52	8.85	6.62
Pudukkottai	Unconfined	W101400078444501	Thirumayam1	2.46	5.22	2.17	1.92
Pudukkottai	Unconfined	W101445078450001	Thirumayam2	4.58	3.27	0.70	0.97
Pudukkottai	Unconfined	W101100078455001	Pilamangalam	9.39	9.60	2.90	6.92

Pudukkottai	Unconfined	W102750078505501	Puttambur			0.00	10.85
Pudukkottai	Unconfined	W102310078481501	Pudukkottai	6.05	6.05	5.30	3.50
Pudukkottai	Unconfined	W102245078480001	Pudukkottai1	5.94	5.67	3.00	1.47
Pudukkottai	Unconfined	W102840078550001	Mandangudi	9.15	8.90	9.15	8.35
Pudukkottai	Unconfined	W102700078421001	Annavasal	9.03	9.50	7.14	5.27
Pudukkottai	Unconfined	W102445078400001	Kudimianmalai1	1.68	2.00	0.60	0.98
Pudukkottai	Unconfined	W103500078533001	Kunnandarkoil			0.00	12.10
Pudukkottai	Unconfined	W103430078473001	Keerannur1	1.54	3.50	1.90	1.95
Pudukkottai	Unconfined	W103300079030001	Pudupatti[east]	6.08	7.80	5.60	4.23
Pudukkottai	Unconfined	W103425079010001	Gandharvakottai1	5.95	7.43	5.20	2.40
Pudukkottai	Unconfined	W100430079020101	Avudaiyarkoil1	3.56	4.56	4.36	3.07
Pudukkottai	Unconfined	W095600079083001	Mimisa1	0.31	0.85	0.25	0.52
Pudukkottai	Unconfined	W100220079140001	Manamelkudi1	2.52	2.45	1.15	1.50
Pudukkottai	Unconfined	W100800079132901	Kattumavadi new	1.41	1.90	0.90	1.22
Pudukkottai	Unconfined	W100956079073001	Nakkudi1	3.28	5.00	3.20	2.37
Pudukkottai	Unconfined	W101350078580401	Erachi	4.53	3.75	2.50	1.80
Pudukkottai	Unconfined	W101000078594501	Arantangi	3.71	4.40	2.30	2.35
Pudukkottai	Unconfined	W103630078330001	Viralimalai2	7.48	7.70	6.20	4.60
Pudukkottai	Unconfined	W102549078584301	Sammattividuthi	10.05	12.00	0.90	2.90
Pudukkottai	Unconfined	W102000078514501	Valathirakkotai	5.09	4.60	3.68	4.78
Pudukkottai	Unconfined	W102131078590001	Alangudi new	10.04	9.60	7.10	8.66
Ramanathapuram	Semi-Confined	W092525078212001	Kamudhi	14.71	15.82	14.50	13.50
Ramanathapuram	Semi-Confined	W092625078270501	Abiramam	32.72	32.20	32.60	35.32
Ramanathapuram	Unconfined	W093245078414201	Vaniya vallam (Nainarkoil}	8.45	9.25	9.15	9.15
Ramanathapuram	Unconfined	W093530078520001	Solandur	1.34	2.17	2.35	1.90
Ramanathapuram	Unconfined	W093820078510001	R.S.mangalam	2.23	2.61	0.15	1.50
Ramanathapuram	Unconfined	W092200078470002	Ramanathapuram2	2.28	4.10	3.40	1.24
Ramanathapuram	Unconfined	W094700078551501	Tiruvadanai1	1.84	2.14	1.34	1.31
Ramanathapuram	Unconfined	W094600079010001	Thondi	1.52	1.95	0.88	1.25
Ramanathapuram	Unconfined	W092000078571001	Perungulam	2.13	2.63	1.15	0.77

Ramanathapuram	Unconfined	W092208078501101	Ramanad dw	2.5		4.53	2.95
Ramanathapuram	Unconfined	W093240078354101	Paramakkudi (A)	11.58	12.38	12.40	9.25
Ramanathapuram	Unconfined	W092730078363001	Bogalur	5.65	6.20	6.05	5.55
Ramanathapuram	Unconfined	W095000078470002	Thiruvegamputhur	2.15	2.74	2.00	1.65
Ramanathapuram	Unconfined	W091830078444001	U.Kosamangai	1.18	2.23	0.00	1.19
Ramanathapuram	Unconfined	W091400078470001	Kilkkarai	6.5	6.75	6.81	6.43
Ramanathapuram	Unconfined	W091820079010001	Uchipulli	1.65	2.30	0.85	0.40
Ramanathapuram	Unconfined	W091703079000501	Thangachimadam	2.15	3.13	2.40	1.70
Ramanathapuram	Unconfined	W091700079163001	Rameswaram	1.67	1.60	1.20	0.87
Ramanathapuram	Unconfined	W091700079033001	Nadumanaikadu	1.79	2.45	1.10	1.24
Ramanathapuram	Unconfined	W091203079224601	Mukundarayar chatram(Dhanushkodi)	3.3	3.23	3.19	3.37
Ramanathapuram	Unconfined	W091700079100001	Mandapam	1.42	2.10	1.15	1.30
Ramanathapuram	Unconfined	W092815078540001	Devipattanam	1.42	1.96	1.75	1.55
Ramanathapuram	Unconfined	W092630078334001	Udaikulam	6.1	7.65	5.15	5.65
Ramanathapuram	Unconfined	W092500078330001	Peraiyur	4.87		5.30	3.50
Ramanathapuram	Unconfined	W092400078234001	PARTHIBANUR	6.58	6.55	6.60	6.42
Ramanathapuram	Unconfined	W092430078223001	Kamudhi1	11.07	12.20	11.25	10.10
Ramanathapuram	Unconfined	W091300078430001	Erwadi			0.00	1.96
Ramanathapuram	Unconfined	W091430078304501	Sikkal	2.35	2.70	1.88	1.26
Ramanathapuram	Unconfined	W091030078270001	Sayalkudi	4.96	5.54	4.60	3.40
Salem	Unconfined	W113502077510002	Idapadi new	1.64	2.80	1.60	1.74
Salem	Semi-Confined	W115050077445001	Kulathur	18.95	21.65	13.93	16.77
Salem	Semi-Confined	W114530077534501	Nangavalli	8.83	11.60	3.25	9.40
Salem	Semi-Confined	W113650078062301	Utamacholapuram deep pz	8.96	10.75	5.04	5.84
Salem	Semi-Confined	W113212078032401	Attayampatti shallow pz			0.00	5.68
Salem	Semi-Confined	W115115078050001	Kadayampatti	5.27		11.29	15.06
Salem	Semi-Confined	W113500077473001	Kullampatti	5.63	5.00	2.40	2.88
Salem	Semi-Confined	W113839077493001	Chittoor pz	50.88	46.90	48.21	49.54
Salem	Semi-Confined	W114450077555001	Samudram pz	42.84	62.86	24.39	41.00

Salem	Semi-Confined	W112615078300001	Sendarpatti	1.9	2.24	0.52	0.83
Salem	Semi-Confined	W113530078351001	Athur		13.17	12.80	17.40
Salem	Semi-Confined	W113850078304501	P.N.Palayam1	22.6	24.06	13.50	10.76
Salem	Unconfined	W113821078073001	S.K.Garden Nathimedi	4.66	5.80	3.51	4.56
Salem	Unconfined	W114827077494701	Muttur (Karumalikoodal)dw		0.05	-0.06	0.55
Salem	Unconfined	W114832077472001	Masilapalayam dw		7.76	2.64	4.70
Salem	Unconfined	W113414077535601	Konganapuram dw		16.35	4.04	4.70
Salem	Unconfined	W113400078050301	Akkaraikadu	4.19	5.30	1.46	3.21
Salem	Unconfined	W115200078051501	Tivettipatti	11.63	11.30	9.11	7.26
Salem	Unconfined	W114430078024001	Omalur	5.39	5.80	3.84	4.04
Salem	Unconfined	W114945077564501	Mecheri		17.60	15.15	5.93
Salem	Unconfined	W114535077533001	Nangavalli1	5.25	8.00	3.15	5.00
Salem	Unconfined	W114220077522001	Jalakandapuram	6.3	1.60	0.93	1.22
Salem	Unconfined	W112830077521001	Sankaridrug	9.49	12.91	7.66	8.98
Salem	Unconfined	W113525078113501	Panamarathupatti2	24.95	16.70	9.65	8.59
Salem	Unconfined	W113215078084501	Mallur1	6.7	4.29	2.67	3.48
Salem	Unconfined	W113634078084301	Dhasanaickanpatty dw	6.5	8.75	4.17	3.41
Salem	Unconfined	W113850078063301	Sivadapuram dw		1.80	0.40	0.80
Salem	Unconfined	W113934078095901	Salem surviellance	3.11	3.60	2.33	2.89
Salem	Unconfined	W114000078093001	Salem Bankhouse	6.27	6.24	4.03	5.18
Salem	Unconfined	W113951078103801	Ponnammapet dw	3.25	3.47	2.07	2.82
Salem	Unconfined	W114700078124001	Yercaud	2.27	2.42	1.09	2.26
Salem	Unconfined	W114300078163001	Sukkampatti	13	11.35	7.13	6.34
Salem	Unconfined	W114011078142001	Ayodhyapattinam	10.38		6.57	7.00
Salem	Unconfined	W113632078003901	Elampillai dw	1.06	1.70	0.89	1.16
Salem	Unconfined	W113425078042201	Veerapandi dw		8.05	3.26	6.67
Salem	Unconfined	W113910078045501	Vedukathampatty dw	5.35	3.02	5.02	2.48
Salem	Unconfined	W113330078053001	Sevantampatti	9.9	11.00	1.30	3.14
Salem	Unconfined	W113630078063001	Pulaveri	5.05	10.40	6.52	9.39
Salem	Unconfined	W113530078064101	Pincheyai Kodu	16.85	8.60	1.48	0.77

Salem	Unconfined	W113157078030601	Mamudi	4.24	7.75	1.28	2.55
Salem	Unconfined	W113131078043001	Attayampatti S.Puram	5.73	1.60	0.30	0.38
Salem	Unconfined	W113131078043002	Attayampatti Ghss	13.3	14.12	8.88	7.76
Salem	Unconfined	W113400077540001	Konganapuram	7	16.55	3.19	3.80
Salem	Unconfined	W113456077514001	Karumbapatti	4.67		6.52	4.79
Salem	Unconfined	W112800078285701	P.Goundanpalyam	3.47	4.45	1.72	1.79
Salem	Unconfined	W113919078201801	Seshanchavadi	15.29	16.30	15.00	12.22
Salem	Unconfined	W113845078244501	Valappadi	15.93	16.51	12.58	13.38
Salem	Unconfined	W112609078301501	Tammampatti dw	7.45	8.62	5.88	4.15
Salem	Unconfined	W112737078351501	Gudamali dw	9.81		9.50	6.19
Salem	Unconfined	W112831078441001	Veraganur dw		8.23	6.92	6.71
Salem	Unconfined	W113204078452101	Veppampoondi	9.62	25.00	2.80	2.00
Salem	Unconfined	W114020078471001	Unathur dw	3.76	6.92	2.70	2.96
Salem	Unconfined	W113500078453001	Thalaivasal1		7.93	7.02	5.14
Salem	Unconfined	W113735078470001	Puthur dw	9.64	10.90	5.56	4.67
Salem	Unconfined	W113610078401001	Kattukottai dw	5.36	7.95	2.46	3.12
Salem	Unconfined	W112830078441501	Veraganur	7.02	8.78	8.09	7.32
Salem	Unconfined	W113525078332101	Thandavarayapuram dw	24.1	22.55	12.46	3.90
Salem	Unconfined	W113230078293001	Karipatti dw	21.66	22.06	0.00	12.72
Salem	Unconfined	W113600078363001	Attur fire st.	9.24	8.95	7.66	7.53
Sivaganga	Semi-Confined	W100600078350001	Tiruppattur-EW	10.7	10.58	8.78	5.33
Sivaganga	Semi-Confined	W095105078223001	Padamathur	6.87	6.20	6.44	5.40
Sivaganga	Semi-Confined	W094230078283001	Manamadurai1	9.5	10.32	7.80	7.20
Sivaganga	Unconfined	W100004078461001	Karaikudi	4.87	3.77	2.51	2.47
Sivaganga	Unconfined	W100945078464501	Chettinadu	2.76	3.66	0.18	1.28
Sivaganga	Unconfined	W093645078373001	Illayangudi	4.7	5.05	3.35	3.35
Sivaganga	Unconfined	W101103078252503	Singapuneri	8.05	8.10	7.30	7.60
Sivaganga	Unconfined	W100930078343001	Tirupathur1	6.95	6.50	6.40	4.84
Sivaganga	Unconfined	W100630078360001	Thirupattur	0.68	0.73	0.48	0.53
Sivaganga	Unconfined	W100630078320001	Manakudi	7.72	6.64	5.92	4.20

Sivaganga	Unconfined	W095030078372001	Kalayarkoil	4.7	6.65	5.30	4.20
Sivaganga	Unconfined	W095400078310001	Annanagar	4.38	4.29	1.69	2.49
Sivaganga	Unconfined	W095125078290001	Muthupettai	13.49	12.80	13.25	11.53
Sivaganga	Unconfined	W095715078291001	Sivaganga1	9.41	10.20	8.90	6.60
Sivaganga	Unconfined	W095630078311501	Okkur	10.1	10.20	6.27	8.05
Sivaganga	Unconfined	W094430078240001	Muthuvendal		7.45	6.60	4.85
Sivaganga	Unconfined	W094115078271001	Manamadurai2	4.49	5.85	5.67	4.06
Sivaganga	Unconfined	W095900078400002	Kallal1	5.11	3.08	1.90	1.38
Sivaganga	Unconfined	W095700078400001	Devakottai1	7.67	6.56	4.20	7.35
Sivaganga	Unconfined	W100615078504001	Puduvoyal	7.37	8.05	5.00	4.08
Sivaganga	Unconfined	W101055078255002	Singampuneri-OW			0.00	13.64
Thanjavur	Unconfined	W105200079170001	Thirukarukuvur	2.15	2.58	0.79	1.20
Thanjavur	Unconfined	W104645079163001	Saliyamangalam	6.5	5.93	0.71	0.94
Thanjavur	Unconfined	W110100079302001	Narsinganpettai	3.19	2.72	0.97	1.63
Thanjavur	Unconfined	W105922079300001	Aduthurai	5.45		0.00	2.42
Thanjavur	Unconfined	W110400079280001	Tirupanandal	5.1		1.80	2.55
Thanjavur	Unconfined	W110730079271501	Lower Anaicut	2.57	2.60	2.85	2.20
Thanjavur	Unconfined	W110433079322001	Kuttlam	4.6		3.03	2.60
Thanjavur	Unconfined	W105330079063001	Thiruvaiyaru	2.73	3.57	1.09	2.41
Thanjavur	Unconfined	W104600078595001	T Budalur	5.66	6.75	1.71	1.40
Thanjavur	Unconfined	W104300078574401	Sanarpatti1			5.15	4.43
Thanjavur	Unconfined	W105115078570601	Puduchataram	3.65	1.34	2.20	1.75
Thanjavur	Unconfined	W104306079034501	Vallam	4.44	4.77	3.99	4.38
Thanjavur	Unconfined	W104630079063001	Thanjavur	14.48	10.68	2.96	6.22
Thanjavur	Unconfined	W104400079120001	Surakkottai	3.5		0.00	2.30
Thanjavur	Unconfined	W104405079061501	Melvastrachavdi	14.1	15.92	8.26	13.55
Thanjavur	Unconfined	W104254079122001	Madigai	1.3	0.63	0.43	0.70
Thanjavur	Unconfined	W103251079253301	Aavikottai	1.95	2.29	0.50	1.20
Thanjavur	Unconfined	W105530079163001	Papanasam	3.72	2.25	0.52	1.15
Thanjavur	Unconfined	W105830079233001	Kumbakonam1			3.88	3.31



Thanjavur	Unconfined	W101552079140801	Peravurani	6.96	3.18	2.58	1.88
Thanjavur	Unconfined	W102530079180001	Pattukottai1	4.12	5.46	2.28	1.88
Thanjavur	Unconfined	W103745079155001	Orathandadu	7.6		3.38	2.93
Thanjavur	Unconfined	W103900079104002	Icchankottai1	4.55	5.84	0.09	3.20
Theni	Semi-Confined	W095425077194702	Sankarapuram pz	18.08	18.63	14.60	14.36
Theni	Semi-Confined	W095621077180602	Ramakrishnapuram pz		35.67	38.10	33.88
Theni	Semi-Confined	W095050077225702	Chinnamanur pz	9.66	11.13	3.35	6.78
Theni	Semi-Confined	W094836077243602	Appipatti Alagapuri pz	7.66		30.30	27.30
Theni	Semi-Confined	W094233077180201	Surelipatti pz	7.5	8.40	6.10	5.36
Theni	Semi-Confined	W094043077174201	Karunakkamuthanpatti pz	17.5	24.00	14.25	15.93
Theni	Semi-Confined	W094412077190102	Kamayagoundanpatti pz	16.98	17.70	16.80	14.32
Theni	Semi-Confined	W094342077164202	Cumbum pz	12.97	13.80	11.90	12.15
Theni	Semi-Confined	W095022077204103	U Ammapatti pz	25.4	24.60	8.40	16.52
Theni	Semi-Confined	W095459077175901	Thambinaickan Patti pz	41.85	41.20	42.90	38.15
Theni	Semi-Confined	W095413077183402	Lakshminaickan Patti pz	50.4	35.80	78.90	122.86
Theni	Semi-Confined	W095039077175301	Kombai pz		44.05	60.90	53.54
Theni	Semi-Confined	W095617077290201	Srirangapuram pz			11.60	14.04
Theni	Semi-Confined	W095231077232803	Seelayampatti pz	4.8		0.25	1.52
Theni	Semi-Confined	W095422077242101	Kottur Pz	3.9	4.10	2.80	3.54
Theni	Semi-Confined	W095819077293101	Koduvilarpatti pz	7.58	10.15	3.35	23.50
Theni	Semi-Confined	W095930077255002	Kodangipatti pz	1.12	2.43	0.70	0.62
Theni	Semi-Confined	W100555077341702	Vadugapatti pz	9.94	12.40	7.50	8.33
Theni	Semi-Confined	W100711077373702	Silavarpatti pz	13.96	15.00	14.55	11.62
Theni	Semi-Confined	W101001077414002	Ganguvarpatti pz	1.97	2.85	1.35	1.57
Theni	Semi-Confined	W100840077382602	Devadahanapatti pz		12.80	6.40	6.10
Theni	Semi-Confined	W100545077411702	A.Vadipatti pz	9.66	58.05	48.90	44.70
Theni	Semi-Confined	W100015077170501	Theni1	4.38	6.60	3.40	20.47
Theni	Semi-Confined	W095731077232802	Dumbacheri pz		7.95	6.50	5.50
Theni	Semi-Confined	W095958077201502	B Karattupatti pz	22.12	22.12	17.45	21.30
Theni	Semi-Confined	W100023077391702	T.Subbalapuram pz	7.41	10.88	3.70	34.90

Theni	Semi-Confined	W095745077341002	Okkaraipatti pz	21.73	22.90	21.60	20.86
Theni	Semi-Confined	W095818077332302	M.Subbalapuram pz	14.5	15.25	14.20	12.15
Theni	Semi-Confined	W095930077370001	Andipatti1	4.12	6.63	2.60	3.52
Theni	Semi-Confined	W094409077311301	Varusandu pz			10.55	11.82
Theni	Semi-Confined	W094826077301102	Kadamalai Gundam pz	5.5	6.44	2.80	2.71
Theni	Semi-Confined	W095512077305402	Gandamanur pz	6.6	5.20	2.55	3.27
Theni	Semi-Confined	W095530077323001	Erasakkanaayakanur	9	10.30	5.35	3.40
Theni	Unconfined	W094200077180001	Gudalur2	14.2	13.74	12.52	12.07
Theni	Unconfined	W094430077170501	Cumbum	14.53	13.50	12.30	12.50
Theni	Unconfined	W095305077170501	Thevaram	31.1	33.88	34.90	30.38
Theni	Unconfined	W094830077200001	Uttamapalayam	3.07	2.60	7.10	2.25
Theni	Unconfined	W095738077264801	Veerapandi pz	3.9	5.15	3.20	20.70
Theni	Unconfined	W095745077270001	Veerapandi	2.98	4.40	3.25	3.26
Theni	Unconfined	W100140077283001	Theni2	9.85	16.20	7.50	5.35
Theni	Unconfined	W100556077341801	Vadugapatti dw	6.6	7.25	5.70	6.12
Theni	Unconfined	W100910077393001	Devadanapatti	2.91	3.80	1.85	1.42
Theni	Unconfined	W100556077341802	Bodinaickanur dw	9.03	8.38	7.15	6.67
Theni	Unconfined	W100005077205101	Bodi dw	6.17		0.00	15.50
Theni	Unconfined	W095945077374501	Andipatti2	7.27	9.47	6.52	6.32
Theni	Unconfined	W100556077341803	Myladumparai dw	5.25	8.04	5.75	5.85
Theni	Unconfined	W095506077311801	Gandamanur	2.5	4.75	1.45	2.73
Thiruvannamalai	Semi-Confined	W123008079362001	Vandavasi1	5.46	5.70	0.00	1.26
Thiruvannamalai	Semi-Confined	W122415078584504	Kadaladi pz		9.25	1.30	1.70
Thiruvannamalai	Unconfined	W120915078570001	Tandarampattu	10.91	10.10	2.24	2.78
Thiruvannamalai	Unconfined	W120630078501501	Thanipadi		4.50	0.10	2.04
Thiruvannamalai	Unconfined	W120915078564501	Thandarampattu	9	12.00	2.05	2.50
Thiruvannamalai	Unconfined	W121330079040001	Tiruvannamalai1	4.4	3.30	2.68	3.40
Thiruvannamalai	Unconfined	W121230078423001	Melravandavadi	8.12	8.20	1.46	2.18
Thiruvannamalai	Unconfined	W121530078394501	Anandavadi	8.64		3.95	5.50
Thiruvannamalai	Unconfined	W123000079380001	Vandavasi2	7.11	7.20	0.66	2.07

Thiruvannamalai	Unconfined	W122315079060001	Narattampundi			1.40	3.00
Thiruvannamalai	Unconfined	W122800079200001	Chetput	7.3	6.40	-0.10	0.30
Thiruvannamalai	Unconfined	W122740079213001	Chetpet1	6.48	6.85	0.13	0.91
Thiruvannamalai	Unconfined	W123206079070801	Polur	15.2	17.30	5.48	8.06
Thiruvannamalai	Unconfined	W123100079080001	Bagmarpet	9.1	7.38	1.13	4.90
Thiruvannamalai	Unconfined	W123900079313001	Cheyyar1	6.87	5.40	0.02	1.22
Thiruvannamalai	Unconfined	W123530079373001	Melmakotturoad	7.77	7.90	0.90	1.55
Thiruvannamalai	Unconfined	W123930079320001	Cheyyar2	5.6	5.64	0.32	1.54
Thiruvannamalai	Unconfined	W121600078563001	Pachal		8.12	1.57	2.58
Thiruvannamalai	Unconfined	W122140078524501	Pudupalayam	12.6	13.40	3.93	14.65
Thiruvannamalai	Unconfined	W124600079160001	Mullandram	7.61	7.40	0.35	0.47
Thiruvannamalai	Unconfined	W124055079165801	Arani	10.81	7.90	1.10	2.60
Tirunelveli	Semi-Confined	W085100077380001	Manur	1.9	3.07	1.03	0.88
Tirunelveli	Semi-Confined	W084940077343001	Charanmadevi	4.23	4.95	1.17	0.84
Tirunelveli	Semi-Confined	W085500077230001	Kilpaur	9.15	12.50	3.28	5.43
Tirunelveli	Semi-Confined	W085400077283001	Alankulam	3.65	6.93	3.97	1.75
Tirunelveli	Semi-Confined	W090154077161801	TenkasiPZ	3.15	4.55	1.50	1.40
Tirunelveli	Semi-Confined	W090100077151001	Panpoli	11.75	13.15	6.16	7.15
Tirunelveli	Semi-Confined	W091430077243001	Vasudevanallur1	13.4	13.65	11.34	7.63
Tirunelveli	Semi-Confined	W090400077204501	Kadayanallur	4.72	8.02	0.15	0.86
Tirunelveli	Semi-Confined	W081515077453001	Tiruvembalapuram	4.6	7.98	3.26	0.64
Tirunelveli	Semi-Confined	W081900077344502	Molaikkaraipatti	1.4		1.23	0.15
Tirunelveli	Semi-Confined	W082310077370001	Valliyur	5.3	4.97	1.94	1.53
Tirunelveli	Semi-Confined	W081330077343001	Kudankulam	11.22	16.46	3.84	0.64
Tirunelveli	Semi-Confined	W081000077370001	Chettikulam	11.47	11.56	9.32	8.65
Tirunelveli	Semi-Confined	W084220077432001	Tirunelveli1	1.87	2.40	0.67	1.10
Tirunelveli	Semi-Confined	W082850077355501	Kalakadu	2.7	12.52	5.42	2.80
Tirunelveli	Semi-Confined	W082930077421501	Nanguneri1	1.15	2.00	0.05	0.36
Tirunelveli	Semi-Confined	W083200077473001	N.Vijayanarayanam	1.4	3.55	0.00	0.34
Tirunelveli	Semi-Confined	W083500077425501	Maruthakulam	3.2	5.62	1.86	1.15

Tirunelveli	Semi-Confined	W084310077261001	Ambasamudram	2.2	3.20	0.57	0.75
Tirunelveli	Semi-Confined	W085000077243001	Kadayam	3.16	6.96	-0.16	1.14
Tirunelveli	Semi-Confined	W084405077311501	Mukkudal	1.18	1.97	0.60	0.77
Tirunelveli	Unconfined	W083045077323001	Kalakkadu	2.55	3.90	3.00	2.67
Tirunelveli	Unconfined	W084425077395601	Merjara Pallivasal			0.00	0.68
Tirunelveli	Unconfined	W084341077411801	Nelliappar temple			0.00	2.30
Tirunelveli	Unconfined	W084356077424701	Syed Beedi Company			0.00	1.80
Tirunelveli	Unconfined	W084445077420001	Tachchnallur	3.5	3.90	1.30	0.85
Tirunelveli	Unconfined	W085145077391001	Manur1	0.45	2.10	0.95	0.30
Tirunelveli	Unconfined	W084545077382501	Abishekapatti	0.97	3.32	1.18	1.11
Tirunelveli	Unconfined	W085145077302001	Alangulam1	1.73	7.38	1.30	0.73
Tirunelveli	Unconfined	W085532077211501	R.Pattinam	2.22	5.05	1.13	0.52
Tirunelveli	Unconfined	W091430077243002	Vasudevanallur2	6.84	10.09	2.20	1.36
Tirunelveli	Unconfined	W092025077254001	Sivagiri	7.27		7.65	3.66
Tirunelveli	Unconfined	W091000077240001	Chintamani	0.53	3.51	1.10	0.43
Tirunelveli	Unconfined	W090500077210001	Kadayanallur1	3.74	7.99	0.70	0.44
Tirunelveli	Unconfined	W085820077151001	Sencottai	4.18	5.18	2.90	3.46
Tirunelveli	Unconfined	W091430077480501	Naduvapatty	8.2	9.65	5.26	6.05
Tirunelveli	Unconfined	W090706077364501	P.chatram	5.4	7.87	3.72	1.89
Tirunelveli	Unconfined	W091100077265001	Mullikulam	13.55	15.73	7.53	3.80
Tirunelveli	Unconfined	W091230077333001	Sankarankoil1	1.3	6.98	1.40	1.36
Tirunelveli	Unconfined	W091230077333002	Sankarankoil2	2.7	7.20	1.30	1.15
Tirunelveli	Unconfined	W082120077393001	Valliyoor		9.06	3.50	2.30
Tirunelveli	Unconfined	W081600077410501	Radhapuram1	5.24	7.41	1.34	0.58
Tirunelveli	Unconfined	W081900077563001	Kuttam	2.28	3.48	3.40	1.83
Tirunelveli	Unconfined	W081900077344501	Nanguneri2	1.7	3.78	1.70	0.80
Tirunelveli	Unconfined	W084108077433701	Govt.Eng College			0.00	0.90
Tirunelveli	Unconfined	W084548077482001	Thiruthu	1.99	2.84	1.53	1.17
Tirunelveli	Unconfined	W084400077440001	Palayamkottai	1.58	3.08	1.53	1.14
Tirunelveli	Unconfined	W084128077441801	Ngo A Colony dw	1.9	4.52	1.10	0.83

Tirunelveli	Unconfined	W083442077333701	Poothatan Kudieruppu dw	3.3	7.05	1.32	0.87
Tirunelveli	Unconfined	W084240077220501	Papanasam1	3.05	6.11	1.72	1.49
Tirunelveli	Unconfined	W084200077262001	Ambasamudram1	2.15	0.60	1.39	0.55
Tirunelveli	Unconfined	W083940077373001	Vannikonendal	7	10.45	11.65	5.19
Tirunelveli	Unconfined	W084730077260001	Alwarkurichi	2.52	4.52	0.90	0.68
Tirunelveli	Unconfined	W084438077303001	Papakudi	-0.65	0.65	0.60	0.08
Tirunelveli	Unconfined	W083200077275501	Idaikkal	1.89	5.44	1.30	0.64
Tiruvallur	Semi-Confined	W130324080045501	Poonamallee periurban		5.85	6.03	2.00
Tiruvallur	Semi-Confined	W130650080011601	Chettimedu periurban			4.04	1.90
Tiruvallur	Unconfined	W130834080054901	Kovilpathagai	3.2	1.50	2.43	2.55
Tiruvallur	Unconfined	W130956080070402	Vellanur	5.95	4.00	4.86	2.20
Tiruvallur	Unconfined	W131057080064801	Kadavur		6.62	7.10	4.30
Tiruvallur	Unconfined	W130956080070401	Veerapuram		8.72	7.02	3.90
Tiruvallur	Unconfined	W130642080093301	Ambattur	7.52	5.77	8.16	2.45
Tiruvallur	Unconfined	W130400080081501	Perumalnagaram	6.28		7.65	5.02
Tiruvallur	Unconfined	W130900080120001	Pulal New		4.49	4.45	3.97
Tiruvallur	Unconfined	W131205080090901	Ennur Talaikuppam		3.30	3.10	2.50
Tiruvallur	Unconfined	W131545080172501	Attipattu	1.03	1.81	1.81	1.09
Tiruvallur	Unconfined	W131613080154701	Minjur dw		3.55	3.55	1.40
Tiruvallur	Unconfined	W131600080164503	Nandiambakkam	1.5	2.19	2.01	1.15
Tiruvallur	Unconfined	W132031080112101	Ponneri dw	4.83	4.75	4.65	4.00
Tiruvallur	Unconfined	W132459080184901	Pulicat dw	2.35	2.14	1.95	1.20
Tiruvallur	Unconfined	W131932080173201	Sangaibedu	3.43		0.00	1.15
Tiruvallur	Unconfined	W132408080145501	Thirupalaivanam dw	2.18	1.40	1.54	1.85
Tiruvallur	Unconfined	W131833080163001	Voyalur dw		7.03	7.36	3.15
Tiruvallur	Unconfined	W131955080164501	Thiruvellavoyal dw	6.66	3.89	4.18	2.60
Tiruvallur	Unconfined	W132400080080001	Gummidipoondi	5.95	5.93	5.93	4.90
Tiruvallur	Unconfined	W131945080043601	Arani dw		4.92	3.43	2.45
Tiruvallur	Unconfined	W132753080064301	Elavur dw	5.73	5.90	5.64	4.20
Tiruvallur	Unconfined	W131215080070101	Alamadhi		2.40	2.68	1.30

Tiruvallur	Unconfined	W131257080075501	Veeraraghapuram	3.2	3.43	4.20	1.90
Tiruvallur	Unconfined	W130659080075101	Annur Shankarnagar	6.4	6.90	7.05	2.20
Tiruvallur	Unconfined	W131315080100401	Sholavaram	4.15	4.21	4.37	1.65
Tiruvallur	Unconfined	W131126080110901	Redhills	5.55	5.10	5.56	2.70
Tiruvallur	Unconfined	W131215080104501	Padiyanallur	5.95	5.89	4.47	2.20
Tiruvallur	Unconfined	W132245080173201	Kadapakkam dw	3.05	3.05	0.00	2.00
Tiruvallur	Unconfined	W131101080081001	Solaimedu	17.25	12.40	11.80	4.70
Tiruvallur	Unconfined	W131607080091101	Alinjivakkam dw			0.00	5.68
Tiruvallur	Unconfined	W130145080044803	Meppur dw		2.95	2.95	1.20
Tiruvallur	Unconfined	W130716080034201	Pattabiram periurban		5.95	5.85	7.70
Tiruvallur	Unconfined	W130345080034501	Tirumazhisai	7.15	6.60	7.04	2.35
Tiruvallur	Unconfined	W130830079323001	Tiruttani1		4.28	2.40	2.35
Tiruvallur	Unconfined	W131115079363001	Tiruttani	7.09	6.09	1.73	0.69
Tiruvallur	Unconfined	W130737080005201	Thiruninravur periurban		0.38	1.30	0.60
Tiruvallur	Unconfined	W130830079544501	Tiruvallur	6.79	6.17	5.44	3.40
Tiruvallur	Unconfined	W131230079450001	Kanakammachatrm	5.07	5.48	4.40	1.15
Tiruvallur	Unconfined	W130730079460001	Tiruvalangadu		7.82	5.50	1.35
Tiruvallur	Unconfined	W130915079494501	Pattarperumpudr	6.1	5.70	4.83	0.55
Tiruvallur	Unconfined	W130345079514501	Andersonpet	2.02	1.80	1.10	0.73
Tiruvallur	Unconfined	W130400079580001	Mettukandigai	8.13	3.12	6.05	1.55
Tiruvallur	Unconfined	W131905079574501	Palavakkam	6.05	6.69	5.87	3.57
Tiruvallur	Unconfined	W131845080030001	Periyapalyam	4.97	2.74	2.80	2.85
Tiruvallur	Unconfined	W132030079543001	Uthukottai1		4.78	5.57	4.40
Tiruvarur	Unconfined	W104445079281501	Needamangalam	4.81		2.16	2.70
Tiruvarur	Unconfined	W105738079342401	Peralam	2.3	2.60	0.24	1.33
Tiruvarur	Unconfined	W104625079380401	Tiruvarur	6.5		3.77	3.28
Tiruvarur	Unconfined	W104315079383001	Pangal	3.27	3.40	0.60	1.57
Tiruvarur	Unconfined	W102215079353001	Thillaivilagam	3.03	4.07	0.57	1.81
Tiruvarur	Unconfined	W105315079360001	Nannilam	3.18	2.47	0.35	1.50
Tiruvarur	Unconfined	W104100079280001	Mannargudi	1.97	3.37	-0.08	0.23

Trichy	Semi-Confined	W105738078265001	Musiri1	4.5	5.83	4.18	2.99
Trichy	Unconfined	W110150078255801	Tumbalam	8.9	11.55	4.77	6.95
Trichy	Unconfined	W110715078271501	Thathayangarpet	14.74	21.80	19.92	19.86
Trichy	Unconfined	W105930078200701	Tottiyam	3.9	7.80	4.23	4.47
Trichy	Unconfined	W105930078194501	Thottiyam	3.6	7.70	3.94	4.31
Trichy	Unconfined	W103650078253002	Manaparai1	2.23	6.20	2.77	1.55
Trichy	Unconfined	W103817078264801	Muthupandiyampatti	10.4	12.70	5.40	10.35
Trichy	Unconfined	W103653078253201	Manaparai II		7.63	7.60	7.64
Trichy	Unconfined	W102727078224201	Chinnagowdanpatti	11.15	11.66	7.48	4.95
Trichy	Unconfined	W103300078180002	Kovilpatty	6.93	7.15	5.85	1.85
Trichy	Unconfined	W103300078180001	Vaiyampatty	2.49	4.87	1.84	2.10
Trichy	Unconfined	W105530078433001	Manachanallur	3.1	2.13	1.25	1.91
Trichy	Unconfined	W105445078432401	Vengakudi	2.63	0.78	0.00	1.15
Trichy	Unconfined	W110005078433001	Siruganur	9.26	11.80	1.98	1.80
Trichy	Unconfined	W105423078415101	Manachanallur new	2.3	1.05	1.03	1.23
Trichy	Unconfined	W105630078544501	Pullambadi1	1.5	5.65	2.95	1.66
Trichy	Unconfined	W110245078573001	Pullambadi	4.89	1.74	0.27	0.51
Trichy	Unconfined	W105110078422301	Tiruvanaikovil	4.08	3.80	1.93	2.20
Trichy	Unconfined	W104500078493001	Thuvakkudi	3.32	3.37	1.32	1.44
Trichy	Unconfined	W105121078411201	Srirangam	2.96	2.40	1.90	1.95
Trichy	Unconfined	W104442078424201	Sembattu	3	3.57	0.77	0.95
Trichy	Unconfined	W104853078404601	Puttur-Thennur	3.15	3.82	1.75	2.35
Trichy	Unconfined	W105012078415701	Oodathurai Odakarai	4.86	4.17	4.59	4.33
Trichy	Unconfined	W105238078421501	No One Tollgate	2.95	1.58	1.18	1.48
Trichy	Unconfined	W104801078414801	Mudaliarchatram	8.7	7.84	4.41	3.75
Trichy	Unconfined	W104535078405601	Lic Colony Kk Nagar	2.08	5.01	0.56	0.77
Trichy	Unconfined	W105209078412601	Kollidam Karai	2.56	4.45	4.39	4.13
Trichy	Unconfined	W104817078443801	Kattur	7.95	1.67	1.95	0.25
Trichy	Unconfined	W104717078402101	Karumandapam	0.8	0.98	0.47	0.91
Trichy	Unconfined	W104645078412001	Kajamalai	12.4	12.05	7.60	5.08

Trichy	Unconfined	W110100078381501	Pulivalam	6.16	7.70	3.17	2.90
Trichy	Unconfined	W105912078391501	Peramangalam	17.15		7.86	6.52
Trichy	Unconfined	W110840078360001	Thurayur1	7.5	8.60	5.12	5.68
Trichy	Unconfined	W110900078360001	Thuraiyur	9.36	8.97	6.78	6.62
Trichy	Unconfined	W111239078330001	Ookaeri	13.25	13.90	2.82	5.92
Trichy	Unconfined	W111544078310001	Uppiliyapuram	16.55	17.47	15.47	15.02
Trichy	Unconfined	W105115078423001	Thiruchirapalli	3.09	3.36	2.65	3.00
Trichy	Unconfined	W105045078445501	Samayapuram	3.56	3.20	2.16	2.54
Trichy	Unconfined	W104730078424502	Tiruchchirappalli1	3.5	4.00	2.35	3.65
Trichy	Unconfined	W104430078350001	Chattirapatti	9.16	10.68	7.80	7.19
Trichy	Unconfined	W105730078270001	Musiri2	3.14	3.44	1.40	1.72
Trichy	Unconfined	W102311078214401	Manjampatti	14.6	14.75	14.75	9.16
Trichy	Unconfined	W102130078222001	Tuvarankuruchi	8.14	6.83	6.19	7.08
Trichy	Unconfined	W103652078253101	Manaparai	3.2	7.51	0.50	0.33
Tuticorin	Semi-Confined	W083900077570001	Petmanagar		5.68	0.86	1.34
Tuticorin	Semi-Confined	W082600077541001	Satankulam	2.23	4.10	1.28	1.10
Tuticorin	Semi-Confined	W090330077510001	Villiseri	2.9	14.92	5.95	3.16
Tuticorin	Semi-Confined	W090855077430001	Kalugumalai	3.52	4.50	1.27	1.71
Tuticorin	Semi-Confined	W085955077511001	Kadambur	8.42	8.76	7.40	5.53
Tuticorin	Semi-Confined	W090930077503001	Nallattinputhur	3.25	5.04	1.07	1.33
Tuticorin	Semi-Confined	W091849078081001	Pudur	8.7	9.26	8.30	7.38
Tuticorin	Unconfined	W090900078100002	Karisalkulam	12.26	13.12	11.20	5.85
Tuticorin	Unconfined	W082945077500001	Saidunganallur	4.9	5.45	1.10	1.37
Tuticorin	Unconfined	W082945078071501	Tiruchendur-w	0.92	2.37	0.12	0.09
Tuticorin	Unconfined	W082940078072001	Tiruchendur-e	5.06	5.86	4.26	3.92
Tuticorin	Unconfined	W084830078082001	Tuticorin1	2.07	2.68	-0.84	0.27
Tuticorin	Unconfined	W083630077510001	Thailapuram	1.98	3.82	0.58	0.70
Tuticorin	Unconfined	W085000077534501	Maniyachi1	2.78	2.77	-0.20	0.19
Tuticorin	Unconfined	W084404077551001	Devachayalpuram	3.93	4.62	0.60	0.94
Tuticorin	Unconfined	W083730077543001	Srivaikundam1	3.55	4.03	1.96	2.63



Tuticorin	Unconfined	W083803078042501	Mukkani dw		2.40	1.18	1.14
Tuticorin	Unconfined	W083105077512001	Paikulam	6	9.08	4.32	1.10
Tuticorin	Unconfined	W082640077540001	Sathankulam-n	3.14	6.02	2.29	2.16
Tuticorin	Unconfined	W082615077582501	Nazareth	4.6		0.96	1.07
Tuticorin	Unconfined	W082603078014501	Udangudi dw	7.15	8.22	6.86	5.70
Tuticorin	Unconfined	W082400078031501	Kulasekharaptnm	2.66	2.51	2.24	1.49
Tuticorin	Unconfined	W085200077540001	Maniyachi	1.05	4.16	1.85	1.15
Tuticorin	Unconfined	W085404078013201	Muppilipatti dw	3.05	6.90	0.65	0.95
Tuticorin	Unconfined	W085550078053001	Kurukkuchalai	6.2	7.25	4.23	4.02
Tuticorin	Unconfined	W090145078024501	Eppodumvendram	1.97	3.45	1.35	0.76
Tuticorin	Unconfined	W085640077463001	Kayattar	3.37	4.83	0.38	1.23
Tuticorin	Unconfined	W090835077461901	Kallurani dw	3.58	7.50	3.26	1.70
Tuticorin	Unconfined	W091304077590001	Ettayapuram	3	3.66	3.27	2.28
Tuticorin	Unconfined	W091030077523001	Kovilpatti	14.25	15.70	11.90	5.35
Tuticorin	Unconfined	W090735078000001	Ettaiyapuram	4.37		5.00	2.66
Tuticorin	Unconfined	W091930078045501	Vembur	6.2	6.98	4.25	3.49
Tuticorin	Unconfined	W091400078075001	Nagalapuram	3.15	4.15	0.45	0.20
Tuticorin	Unconfined	W090730078100501	Vilathikulam	9.56		10.09	9.30
Tuticorin	Unconfined	W090154078150801	Mettupanaiyur dw	6	7.05	5.24	4.00
Vellore	Semi-Confined	W125615078433001	Pernambattu	21.79	22.50	20.22	10.71
Vellore	Semi-Confined	W125600079210001	Ranipet2	0.5	0.50	0.06	0.81
Vellore	Semi-Confined	W124210078490001	Asanampattu	26.07	29.92	7.83	9.94
Vellore	Semi-Confined	W125240079080001	Virupachipuram(bagayam)	32.82	16.30	0.73	1.74
Vellore	Semi-Confined	W125443079050901	Abdullapuram pz	91.45	49.40	54.54	32.60
Vellore	Semi-Confined	W130530079393001	Arakkonam-PZ		6.32	3.32	0.98
Vellore	Unconfined	W122739078372301	Bommikuppam dw		7.85	2.43	2.21
Vellore	Unconfined	W122835078345001	Vengalapuram	8.7	8.87	4.61	3.21
Vellore	Unconfined	W123440078484501	Kavalur	12.67	12.50	12.20	7.69
Vellore	Unconfined	W123720078450001	Alangayam	9.7		8.42	2.43
Vellore	Unconfined	W122840078272001	Kandili	14.95	18.80	12.80	10.27

Vellore	Unconfined	W122220078352001	Perambattu	15.4		13.94	6.00
Vellore	Unconfined	W122745078280001	Alankuppam	11.07	12.49	6.83	3.05
Vellore	Unconfined	W123847078415701	Vellakuttai	16.29	15.80	0.00	5.67
Vellore	Unconfined	W122721078351201	Pasalikuttai dw	8.4	6.00	1.00	1.00
Vellore	Unconfined	W130640079253501	Ponnai	6.09	5.40	-0.04	0.78
Vellore	Unconfined	W125745079171501	Avarakarai	3.59	3.85	1.48	0.68
Vellore	Unconfined	W125545079203001	Ranipet1	0.4	1.70	0.40	1.00
Vellore	Unconfined	W125930079183001	Lalpet	8.9	7.55	2.18	1.26
Vellore	Unconfined	W125430079213001	Devadanam	12.3	2.20	0.62	0.58
Vellore	Unconfined	W125400078564501	Palligonda	12.88	12.43	8.95	1.49
Vellore	Unconfined	W124615078530001	Odugathur	14.8		0.00	8.30
Vellore	Unconfined	W125215078593001	Anaikkattu	7	6.21	0.90	1.95
Vellore	Unconfined	W124548078501902	Chinnapallikuppam pz	17.81	17.95	13.09	4.80
Vellore	Unconfined	W125120078500001	Thottalam	15.35	15.30	13.45	7.48
Vellore	Unconfined	W125116078514501	Palur dw	13.33	10.43	2.29	2.13
Vellore	Unconfined	W124701078422401	Ambur DW	10.25	9.61	6.17	4.81
Vellore	Unconfined	W125520079052001	Vellore1	6.41	4.67	0.69	1.21
Vellore	Unconfined	W125448079050801	Abdullapuram dw	8.65	12.55	2.36	1.38
Vellore	Unconfined	W124130078373001	Vaniyambadi1	7.42	6.74	1.38	2.17
Vellore	Unconfined	W123931078460301	Peddur dw	6.9	7.14	6.97	2.89
Vellore	Unconfined	W123806078361401	Chinnakallupalli	9.2	8.63	0.97	4.60
Vellore	Unconfined	W124330078393001	Sangilikuppam	13.54		9.80	6.55
Vellore	Unconfined	W125630078433001	Pernampet	8.53	8.97	4.23	3.40
Vellore	Unconfined	W125200078423001	Machampattu	15.03		14.40	10.90
Vellore	Unconfined	W125400079193001	Arcot2	1.67	0.93	0.10	0.63
Vellore	Unconfined	W124940079181001	Timiri	17.67	21.02	14.75	10.20
Vellore	Unconfined	W124930079233001	Pennagar		6.95	0.44	0.38
Vellore	Unconfined	W124600079244501	Kalavai	14.5		9.61	4.11
Vellore	Unconfined	W130120079283001	Banavaram1	7.05	7.80	3.76	2.55
Vellore	Unconfined	W125515079341501	Panappakkam	4.9		0.00	7.58

Vellore	Unconfined	W125740078584801	Kv Kuppam	18.73	18.60	17.84	12.93
Vellore	Unconfined	W125720078594001	Veppaneri	16.49		16.79	9.32
Vellore	Unconfined	W125640078503801	Nellurpettai dw	18.49	16.38	20.56	1.35
Vellore	Unconfined	W125450079173001	Vishram	0.22	0.06	0.00	0.65
Vellore	Unconfined	W124840079235001	Mecheri		17.60	15.15	6.59
Villupuram	Semi-Confined	W114355079073001	Timmalai			0.00	1.08
Villupuram	Semi-Confined	W113803078523501	Chinnasalem	2.08	4.14	3.75	1.70
Villupuram	Semi-Confined	W115400079030001	Kadambur	8.42	8.76	7.40	2.35
Villupuram	Semi-Confined	W121510079304501	Vallam1	8.99	9.98	9.20	2.52
Villupuram	Semi-Confined	W121145079460001	Brammadesam		6.53	0.33	1.25
Villupuram	Unconfined	W115718079250601	Kanai pz	3.3	3.80	3.60	1.15
Villupuram	Unconfined	W120215079334501	Vikravandi	4.23	5.00	4.64	1.67
Villupuram	Unconfined	W115930079470001	Tiruchidrambalam			4.08	1.15
Villupuram	Unconfined	W120804079453601	Nallavurpudur dw	8.5	8.70	3.56	1.97
Villupuram	Unconfined	W120615079443001	Kiliyanur	4.85	4.95	0.02	1.06
Villupuram	Unconfined	W120250079454501	Andiyarpalayam pz	48.5	50.30	49.40	51.55
Villupuram	Unconfined	W114815079244601	Shakh Hussaipettai dw	6.6	5.13	6.06	1.65
Villupuram	Unconfined	W114215079195401	Vellaiuyur dw	8.85	6.85	4.65	1.85
Villupuram	Unconfined	W114350079053001	Tyagadurgam	5.97	3.58	7.65	1.60
Villupuram	Unconfined	W114312079044001	Tyagadurgam1		6.50	4.48	2.52
Villupuram	Unconfined	W113730079114001	Asanur		3.50	5.21	1.40
Villupuram	Unconfined	W113940079174001	Ulundurpet1	6.1	7.68	9.75	1.78
Villupuram	Unconfined	W114115079180001	Ulundurpet2	5.7	7.32	2.00	0.95
Villupuram	Unconfined	W114300079104501	Pidagam	4.55	5.10	5.18	2.00
Villupuram	Unconfined	W115955079095701	Sadaikattuattipattu dw	4.51	5.22	4.20	0.55
Villupuram	Unconfined	W115845079190701	Mogaiyur	4.93	4.89	4.77	1.37
Villupuram	Unconfined	W115830079080001	Mambazhapattu	10.52	9.48	10.60	3.15
Villupuram	Unconfined	W115204079100001	G.Ariyur	4.58	6.20	6.53	2.55
Villupuram	Unconfined	W115730079130001	Tirukkoilur1	2.75	1.67	1.96	1.36
Villupuram	Unconfined	W115645079081601	Rajampalayam dw	6.46	10.00	11.11	5.75

Villupuram	Unconfined	W115300078550001	Sankarapuram	3.46	3.60	4.00	1.52
Villupuram	Unconfined	W115338078550001	Sankarapuram1	4.15	5.13	5.05	3.00
Villupuram	Unconfined	W115618078531001	Mamandur		11.60	11.90	4.45
Villupuram	Unconfined	W114410078510001	Kallakurichi2	8.45	8.13	11.60	4.50
Villupuram	Unconfined	W114602078521201	Kacharapalayam	5.85	6.41	5.70	3.20
Villupuram	Unconfined	W114430078580001	Kallakurichi1	5.87	8.88	10.20	3.90
Villupuram	Unconfined	W114049078550902	Indili dw	4.95	4.80	6.55	3.40
Villupuram	Unconfined	W113730078570001	Chinnasalem1	4	5.02	4.42	0.35
Villupuram	Unconfined	W114220078581201	Alathur	3.95	4.40	4.43	2.55
Villupuram	Unconfined	W114800079053001	Rishivandiyam	5.21	5.44	3.95	4.02
Villupuram	Unconfined	W121500079250001	Gingee1	5.52	5.79	4.80	1.00
Villupuram	Unconfined	W121508079250001	Gingee2	5.25	5.01	5.49	4.17
Villupuram	Unconfined	W122000079144501	Avalurpet	2.23	4.70	4.16	0.89
Villupuram	Unconfined	W121500079195401	Melporadikuppam dw	8.87	7.74	5.88	1.90
Villupuram	Unconfined	W121018079355001	Kodima dw	14.7	13.90	14.60	3.10
Villupuram	Unconfined	W121342079341201	Gopalapuram dw	13.58	12.42	11.68	4.62
Villupuram	Unconfined	W121217079503801	Siruvadi dw	5.82	6.10	0.30	1.92
Villupuram	Unconfined	W121230079573001	Marakkanam	3.24	2.45	0.01	2.15
Villupuram	Unconfined	W120540079533401	Kunimedu pz	52.52	55.55	48.06	35.20
Villupuram	Unconfined	W121100079400001	Tehzbazar	5.12	2.84	0.88	0.70
Villupuram	Unconfined	W121330079400001	Tindivanam1	3.8	5.60	5.50	2.85
Villupuram	Unconfined	W121501079402001	Salavathi dw	5.78	6.75	6.02	1.84
Villupuram	Unconfined	W121720079480301	Ollakur	3.55	3.67	4.51	1.84
Virudhunagar	Semi-Confined	W093330077573001	Sevalpatti	13.9	13.24	8.54	2.90
Virudhunagar	Semi-Confined	W093630077400001	Sundarapandiyan	15.5	15.48	13.75	8.02
Virudhunagar	Semi-Confined	W092000077460004	Vembakkottai-OW	9.05	10.68	9.52	6.97
Virudhunagar	Semi-Confined	W092150077411001	Alangulam	15.35	15.13	4.90	4.00
Virudhunagar	Semi-Confined	W094010078063001	Kariyapatti1	9.4	10.86	7.76	6.84
Virudhunagar	Unconfined	W093042077271501	Ayyanarkoil dw	3.86		3.18	4.61
Virudhunagar	Unconfined	W093500077571501	Virudunagar	2.45	2.77	0.62	0.85

Virudhunagar	Unconfined	W093040078115001	Tamilpadi	9.85	8.05	6.43	5.85
Virudhunagar	Unconfined	W092955077420001	Mullikulam	13.55	15.73	7.53	6.89
Virudhunagar	Unconfined	W093000077380001	Srivilliputhur1	9.76	10.06	9.66	9.60
Virudhunagar	Unconfined	W092501077450201	Vilampatti	3.5	6.35	2.15	1.45
Virudhunagar	Unconfined	W093039077451801	Vadapatti	9.65	16.10	7.94	5.75
Virudhunagar	Unconfined	W092700077473001	Sivakasi2	2.67	5.48	1.74	1.02
Virudhunagar	Unconfined	W093751077490001	Erichanatham dw	12.45	12.93	3.52	2.20
Virudhunagar	Unconfined	W091930078003001	Nenmeni1	6.52	6.75	5.75	4.62
Virudhunagar	Unconfined	W092300077333001	Choolapuram	7.7	8.90	8.33	5.67
Virudhunagar	Unconfined	W092745077323001	Rajapalayam1	2.75	7.18	1.45	2.22
Virudhunagar	Unconfined	W092300077275601	Devadanam1	13.79	14.10	12.18	7.15
Virudhunagar	Unconfined	W093315078003001	Palavanattam	8.9	5.45	1.78	1.92
Virudhunagar	Unconfined	W093045078054502	Aruppukottai-w	6.9	10.10	1.80	2.40
Virudhunagar	Unconfined	W093400078043001	Palavanatham	13.9	6.80	4.67	3.50
Virudhunagar	Unconfined	W094420078060301	Aviyur dw	10.6	8.60	6.66	4.42
Virudhunagar	Unconfined	W092750078095401	Kalloorani dw	9.58	11.25	9.80	7.28
Virudhunagar	Unconfined	W093749077383001	Watrap	12.23		12.27	7.10

**Annexure- II ANALYTICAL RESULTS OF SAMPLES COLLECTED UNDER MONITORING WELLS DURING MAY-2014**

S.No	LOCATION	DISTRICT	DOC	pH	EC μS/cm at 25°C	TH mg/L as CaCO3	←-----mg/L-----→									
							Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F
1	ARIYALUR	ARIYALUR	17/06/2014	7.80	5310	300	70	30	1100	12	Nil	641	1022	520	27	0.22
2	ALWARPET	CHENNAI	31/05/2014	7.73	1750	240	32	39	289	5	Nil	336	170	270	2	0.58
3	AMINJAKARAI	CHENNAI	20/05/2014	6.93	728	210	28	34	70	2	Nil	153	128	45	2	0.38
4	CHEPAUK	CHENNAI	21/05/2014	6.72	2650	420	52	71	413	5	Nil	384	476	250	52	1.18
5	KK NAGAR	CHENNAI	31/05/2014	7.65	1420	330	60	44	169	9	Nil	409	121	154	3	0.55
6	THIRUMANGALAM	CHENNAI	20/05/2014	7.02	832	150	32	17	120	4	Nil	183	128	71	1	0.45
7	THIRUVATTIYUR	CHENNAI	21/05/2014	6.86	3700	640	100	95	546	18	Nil	415	838	290	3	0.98
8	TONDIORPET	CHENNAI	21/05/2014	6.92	1690	270	52	34	263	3	Nil	329	213	220	1	1.26

9	AMBARAMPALAYAM	COIMBATURE	27/05/2014	7.90	1490	375	40	67	168	5	Nil	458	149	43	146	0.86
10	ANNUR	COIMBATURE	30/05/2014	8.20	2800	1100	112	199	150	13	Nil	397	518	307	88	0.75
11	CHINNARIPALAYAM	COIMBATURE	27/05/2014	8.20	930	340	40	58	69	4	Nil	366	89	43	31	1.10
12	KANIYUR	COIMBATURE	27/05/2014	8.00	800	245	48	30	69	5	Nil	305	57	58	19	0.72
13	KARAMADAI	COIMBATURE	27/05/2014	8.20	2600	630	132	73	327	9	Nil	427	560	91	146	0.86
14	KOMARAMANGALAM	COIMBATURE	27/05/2014	8.60	980	400	40	73	39	5	12	305	89	86	31	0.91
15	P.K.PALAYAM	COIMBATURE	27/05/2014	8.10	1420	390	14	86	145	6	Nil	427	213	43	28	1.60
16	POLLACHI	COIMBATURE	27/05/2014	8.00	930	360	60	51	46	4	Nil	305	121	24	31	0.91
17	PONGALUR	COIMBATURE	30/05/2014	8.10	2900	800	108	129	311	12	Nil	641	305	336	221	0.93
18	PONNAYUR	COIMBATURE	27/05/2014	8.80	680	275	32	47	30	3	12	244	46	58	31	0.90
19	POTHANUR	COIMBATURE	27/05/2014	8.00	1680	435	36	84	184	5	Nil	488	188	101	96	0.92
20	SARAVANAPATTY	COIMBATURE	30/05/2014	8.00	2200	620	44	124	225	9	Nil	653	305	115	53	0.94
21	SOKKANUR	COIMBATURE	27/05/2014	8.00	2100	520	88	73	239	8	Nil	488	369	110	24	0.93
22	SULTANPET	COIMBATURE	30/05/2014	8.10	3200	1180	332	85	207	13	Nil	226	716	120	411	0.94
23	SULUR	COIMBATURE	30/05/2014	9.00	270	100	20	12	16	2	12	61	28	14	37	0.83
24	UDUMALPET	COIMBATURE	30/05/2014	8.00	2400	550	110	67	306	11	Nil	488	425	187	50	0.65
25	ANDIMADAM	CUDDALORE	31/05/2014	7.60	920	245	72	16	97	4	NIL	122	142	86	87	0.48
26	CHIDAMBARAM	CUDDALORE	31/05/2014	7.60	1000	265	20	52	106	4	NIL	317	113	67	14	0.62
27	CUDDALORE	CUDDALORE	24/05/2014	7.65	2100	475	44	89	226	8	Nil	372	398	107	17	1.25
28	G.K.CHOLAPURAM	CUDDALORE	29/05/2014	7.62	390	145	44	9	21	4	NIL	79	50	38	25	0.52
29	JAYAKONDAN	CUDDALORE	29/05/2014	7.78	1070	120	20	17	188	4	NIL	366	106	67	22	0.72
30	KATTUKUPPAM	CUDDALORE	29/05/2014	7.86	1730	400	100	36	210	7	NIL	244	337	96	112	0.72
31	KILLAI	CUDDALORE	31/05/2014	8.00	2900	500	40	97	448	13	NIL	885	479	67	16	0.72
32	KILPAVUR	CUDDALORE	30/05/2014	7.60	790	300	58	38	70	12	Nil	226	107	105	12	0.17
33	KILPAVUR	CUDDALORE	26/05/2014	7.60	790	300	58	38	70	12	Nil	226	107	105	12	0.17
34	KOLATHUR	CUDDALORE	29/05/2014	7.80	4300	550	32	114	753	18	NIL	488	993	283	143	0.68
35	KOMARACHI	CUDDALORE	31/05/2014	8.10	2420	650	40	134	271	9	NIL	519	503	110	5	0.88
36	KOPUVANAM	CUDDALORE	31/05/2014	7.90	3420	550	80	85	543	15	NIL	427	822	221	6	0.42

37	KURUMBALUR	CUDDALORE	30/05/2014	7.60	493	150	30	18	45	6	Nil	177	60	24	22	1.35
38	NEYVELI	CUDDALORE	31/05/2014	8.10	1220	320	80	29	130	5	NIL	311	135	86	93	0.41
39	PORTONOVA	CUDDALORE	31/05/2014	8.00	1080	280	60	32	117	4	NIL	177	113	221	9	0.52
40	REDDICHAVADI	CUDDALORE	29/05/2014	7.92	1510	255	50	32	226	6	NIL	207	372	58	3	0.42
41	SANTHAMANGALAM	CUDDALORE	31/05/2014	7.80	1600	465	92	57	151	5	NIL	433	273	53	9	0.41
42	THOLUDUR	CUDDALORE	30/05/2014	7.90	2300	525	70	85	236	5	Nil	305	408	158	127	0.88
43	THOLUDUR	CUDDALORE	23/05/2014	7.90	2300	525	70	85	236	5	Nil	305	408	158	127	0.88
44	VADALUR	CUDDALORE	31/05/2014	7.70	590	80	18	9	97	4	NIL	189	71	29	11	0.58
45	VILLANUR	CUDDALORE	29/05/2014	7.90	870	180	38	21	116	3	NIL	92	156	125	11	0.48
46	VIRUDACHALAM	CUDDALORE	31/05/2014	7.90	360	85	32	1	41	4	NIL	73	71	19	3	0.41
47	DHARMAPURAM	DHARMAPURI	29/05/2014	8.20	3340	860	144	122	377	16	Nil	220	553	571	186	0.34
48	ECHANALLA	DHARMAPURI	29/05/2014	8.20	1700	515	66	85	154	8	Nil	104	326	240	74	0.76
49	INDUR	DHARMAPURI	29/05/2014	7.62	4340	1750	204	301	225	8	Nil	311	333	1358	136	0.88
50	IRUMATHUR	DHARMAPURI	29/05/2014	8.20	2310	600	84	95	267	16	Nil	122	617	202	31	0.36
51	NAGADASAMPATT	DHARMAPURI	29/05/2014	7.69	2480	900	102	157	177	12	Nil	366	425	384	62	1.80
52	ODASALPATTI	DHARMAPURI	29/05/2014	8.54	2410	520	60	90	354	8	12	232	532	317	37	1.02
53	PAPARAPATTI	DHARMAPURI	29/05/2014	8.20	639	190	42	21	48	20	Nil	220	43	72	7	0.82
54	PENNAGARAM	DHARMAPURI	29/05/2014	7.70	2640	850	176	100	212	23	Nil	452	397	302	124	0.82
55	THERTHAMALAR	DHARMAPURI	29/05/2014	8.67	1060	55	12	6	212	12	12	275	106	139	12	1.50
56	THOPPUR	DHARMAPURI	29/05/2014	7.97	1930	445	40	84	242	4	Nil	543	152	259	56	1.70
57	CHATRAPATTI	DINDIGUL	30/05/2014	8.21	1540	610	100	88	81	6	Nil	171	249	218	65	0.98
58	DINDIGUL	DINDIGUL	22/05/2014	8.16	1340	610	40	124	11	58	Nil	500	142	55	3	1.65
59	ERIODU	DINDIGUL	23/05/2014	8.22	1780	510	80	75	182	15	Nil	305	334	163	2	1.16
60	GANDHIGRAM	DINDIGUL	22/05/2014	8.15	741	300	32	54	32	10	Nil	220	107	18	63	0.98
61	HANUMANTHANAGAR	DINDIGUL	23/05/2014	8.16	6810	1420	348	134	910	13	Nil	329	1562	886	15	0.56
62	IDAYAPATTI	DINDIGUL	22/05/2014	8.21	1670	430	80	56	183	13	Nil	305	270	197	3	1.25
63	KODAIKANNAL	DINDIGUL	23/05/2014	8.16	472	230	40	32	12	7	Nil	183	57	16	8	0.25
64	NATHAM	DINDIGUL	23/05/2014	8.17	2670	670	100	102	310	11	Nil	915	376	53	2	1.78

65	PALANI	DINDIGUL	23/05/2014	8.13	1510	520	80	78	115	12	Nil	427	220	91	23	1.35
66	REDIYARCHATRAM	DINDIGUL	23/05/2014	8.30	899	460	80	63	10	16	Nil	305	107	34	17	0.65
67	THOPPAMPATTI	DINDIGUL	23/05/2014	7.96	2270	600	100	85	237	28	Nil	488	376	166	40	1.97
68	VADA MADURAI	DINDIGUL	23/05/2014	7.90	3400	920	200	102	360	13	Nil	220	746	394	74	0.55
69	AMMAPET	ERODE	24/05/2014	7.51	1560	350	24	71	190	3	Nil	683	142	15	6	1.86
70	ARACHALUR	ERODE	23/05/2014	7.70	685	310	56	41	12	15	Nil	244	85	17	6	0.58
71	ATHANI	ERODE	24/05/2014	7.25	1490	590	100	83	65	10	Nil	500	163	59	54	1.95
72	BANGALAPUDUR	ERODE	24/05/2014	7.16	1430	650	120	85	35	2	Nil	549	192	12	24	1.65
73	BHAAVANI	ERODE	25/05/2014	7.89	1140	300	40	49	120	14	Nil	464	92	37	26	1.20
74	CHENNAIMALAI	ERODE	23/05/2014	7.59	1390	330	60	44	165	12	Nil	439	107	163	19	0.98
75	CHITTODU	ERODE	24/05/2014	7.74	1500	420	92	46	158	5	Nil	73	43	571	44	0.55
76	ERODE	ERODE	24/05/2014	7.86	1010	280	48	39	122	5	Nil	342	170	12	7	0.68
77	KAVUNDAMPADI	ERODE	26/05/2014	7.51	1840	570	100	78	174	3	Nil	549	178	183	37	0.78
78	YOGA CENTER	KANCHEEPURAM	21/05/2014	7.15	8290	1200	124	216	1344	18	Nil	159	2201	677	2	1.17
79	ACHARAPAKKAM	KANCHEEPURAM	24/05/2014	8.70	1440	445	70	66	55	4	12	299	142	19	133	0.76
80	AKKARAI	KANCHEEPURAM	22/05/2014	8.22	498	200	44	22	16	11	Nil	98	43	53	41	1.16
81	ARASANIMANGALAM	KANCHEEPURAM	24/05/2014	8.60	850	360	26	72	28	5	12	207	152	29	12	0.78
82	CHENGALPET	KANCHEEPURAM	24/05/2014	8.00	1170	390	22	81	87	5	Nil	244	223	34	44	0.79
83	CHENNANEELANKARAI	KANCHEEPURAM	22/05/2014	7.12	2720	640	100	95	315	28	Nil	287	298	378	257	1.19
84	CHUNAMBEDU	KANCHEEPURAM	24/05/2014	8.40	750	275	36	45	46	5	6	281	82	14	25	0.78
85	GUDUVANCHERI	KANCHEEPURAM	24/05/2014	7.90	1530	475	80	67	131	7	Nil	275	284	130	6	0.71
86	KALASHETRA	KANCHEEPURAM	22/05/2014	7.74	1330	330	60	44	146	13	Nil	366	163	164	3	0.26
87	KANCHEEPURAM	KANCHEEPURAM	24/05/2014	7.70	2600	200	40	24	506	31	Nil	641	213	432	72	0.79
88	KCG GARDAN	KANCHEEPURAM	22/05/2014	7.60	4920	660	84	109	819	15	Nil	238	1207	325	23	0.27
89	KOLATHANALLUR	KANCHEEPURAM	24/05/2014	8.20	850	220	44	27	92	5	Nil	232	113	34	51	0.92
90	KOTTIVAKKAM	KANCHEEPURAM	21/05/2014	7.26	4070	480	56	83	705	18	Nil	140	1008	378	3	1.16
91	LION CLUB	KANCHEEPURAM	22/05/2014	7.72	1620	470	60	78	153	5	Nil	311	178	151	157	0.68
92	LION CLUB	KANCHEEPURAM	22/05/2014	7.77	1630	500	60	85	141	6	Nil	189	178	226	152	0.37



93	MADURANTHAM	KANCHEEPURAM	24/05/2014	8.00	990	255	60	26	108	4	Nil	250	149	48	37	0.81
94	MAHAPALIPURAM	KANCHEEPURAM	22/05/2014	8.13	377	140	24	19	18	8	Nil	61	71	25	3	0.65
95	MOHAN BLUE BEACH ROAD	KANCHEEPURAM	22/05/2014	7.10	2130	490	64	80	256	15	Nil	171	348	291	47	0.88
96	MUTTUKADU	KANCHEEPURAM	22/05/2014	7.74	999	270	52	34	103	5	Nil	146	178	94	1	0.32
97	NEELANGARAI	KANCHEEPURAM	22/05/2014	7.78	1190	350	48	56	103	17	Nil	171	199	127	1	1.16
98	PALKALAI NAGAR,	KANCHEEPURAM	21/05/2014	7.28	1700	440	68	66	181	13	Nil	128	440	98	2	0.58
99	POMMAR	KANCHEEPURAM	30/05/2014	7.67	1820	510	36	102	180	6	Nil	342	277	198	3	0.46
100	SAIBABA TEMPLE	KANCHEEPURAM	22/05/2014	8.19	953	330	56	46	63	7	Nil	183	78	172	11	0.68
101	SEASHORE APT 39	KANCHEEPURAM	21/05/2014	6.80	16700	2150	212	394	2848	7	Nil	159	5041	874	2	1.38
102	SHRIPERUMPUDUR	KANCHEEPURAM	24/05/2014	8.50	3000	950	48	202	253	13	12	311	730	192	24	0.65
103	SREASHORE APT	KANCHEEPURAM	22/05/2014	7.53	916	240	44	32	68	55	Nil	165	149	98	1	1.18
104	THAMBARAM	KANCHEEPURAM	30/05/2014	7.87	1030	320	36	56	83	12	Nil	220	114	143	7	0.56
105	THIRUKALUKUNRAM	KANCHEEPURAM	22/05/2014	7.53	958	300	64	34	80	4	Nil	342	107	35	2	0.52
106	THIRUPORUR	KANCHEEPURAM	22/05/2014	7.46	2600	240	52	27	483	7	Nil	195	490	274	80	0.28
107	UTHANDI	KANCHEEPURAM	22/05/2014	8.12	518	250	36	39	1	5	Nil	134	64	46	1	0.88
108	UTHIRAMERUR	KANCHEEPURAM	24/05/2014	7.80	2500	400	48	68	396	4	Nil	323	475	130	236	0.76
109	WALAJABAD	KANCHEEPURAM	24/05/2014	8.70	1020	350	24	70	64	16	12	305	138	48	21	0.75
110	ATTUR	KANYAKUMARI	22/05/2014	8.21	380	140	16	24	32	12	Nil	61	67	37	28	0.23
111	BOOTHAPANDY	KANYAKUMARI	22/05/2014	7.66	990	370	84	39	58	32	Nil	439	114	15	14	1.43
112	KANYAKUMARI1	KANYAKUMARI	22/05/2014	7.83	882	300	88	19	65	2	Nil	329	99	16	34	0.63
113	KATTUDURAI DW	KANYAKUMARI	22/05/2014	8.21	1240	170	32	22	207	76	Nil	61	320	120	128	0.56
114	KOLACHAL	KANYAKUMARI	22/05/2014	7.41	1000	300	40	49	92	5	Nil	183	149	48	135	0.67
115	KULASEKHARAN DW	KANYAKUMARI	22/05/2014	7.48	906	360	80	39	43	4	Nil	122	135	95	112	0.39
116	MARTHANDAM	KANYAKUMARI	22/05/2014	7.80	425	240	40	34	14	5	Nil	61	92	48	64	0.65
117	NAGARKOIL1	KANYAKUMARI	22/05/2014	7.37	2790	800	180	85	274	5	Nil	366	483	320	118	0.45
118	TAKKALAI	KANYAKUMARI	22/05/2014	7.89	1510	320	32	58	200	8	Nil	61	170	378	128	0.14
119	VALLIAVILAI	KANYAKUMARI	22/05/2014	7.98	613	330	68	39	22	5	Nil	98	220	12	19	0.18
120	VILLUKURI	KANYAKUMARI	22/05/2014	7.45	498	500	40	97	18	15	Nil	122	71	290	94	0.76

121	NEDUNGADU	KARAIKKAL	26/05/2014	8.20	700	225	50	24	52	9	Nil	183	50	125	14	0.87
122	ODACHERY	KARAIKKAL	26/05/2014	7.90	1220	350	72	41	118	6	Nil	354	199	43	2	0.90
123	THIRUNALLAR	KARAIKKAL	26/05/2014	8.00	2300	455	88	57	345	4	Nil	488	514	72	21	1.50
124	ARAVAKURICHI	KARUR	26/05/2014	9.00	780	215	16	43	78	4	18	244	89	58	13	0.76
125	JAGATAMBI	KARUR	26/05/2014	8.40	3700	875	30	194	449	20	6	323	939	264	19	0.91
126	KARUR	KARUR	26/05/2014	8.00	1570	285	20	57	230	4	Nil	397	213	110	68	0.92
127	MAYANUR	KARUR	26/05/2014	7.80	1380	475	20	103	92	13	Nil	397	213	58	5	0.89
128	NOYYAL	KARUR	26/05/2014	8.00	6000	1200	30	273	867	23	Nil	732	1609	221	11	1.40
129	THIRUPURAITHURAI	KARUR	26/05/2014	9.40	830	670	28	146	46	5	30	415	60	315	26	0.87
130	THOGAIMALAI	KARUR	26/05/2014	8.90	6900	1140	240	131	1058	16	12	342	2127	110	78	0.56
131	VEERAPALAYAM	KARUR	26/05/2014	9.30	650	250	48	32	32	5	18	207	57	58	22	0.92
132	ALAGANALLUR	MADUARI	25/05/2014	8.04	1590	480	80	68	155	18	Nil	329	213	161	71	0.59
133	KADAVOOR	MADUARI	23/05/2014	8.26	610	330	56	46	10	13	Nil	305	43	18	12	0.65
134	MADURAI SOUTH	MADUARI	24/05/2014	7.87	2920	620	84	100	386	14	Nil	586	568	170	4	1.35
135	MELUR	MADUARI	25/05/2014	7.96	1310	450	116	39	104	12	Nil	329	213	51	39	1.26
136	THIRUMANGALAM	MADUARI	25/05/2014	8.05	5080	780	100	129	910	11	Nil	439	604	1263	18	1.25
137	USILAMPATTI	MADUARI	26/05/2014	7.94	3150	770	60	151	380	18	Nil	732	533	203	16	1.14
138	V.ANDIPATTI	MADUARI	25/05/2014	8.26	641	270	44	39	25	15	Nil	183	64	57	26	0.96
139	VADAPATTI	MADUARI	25/05/2014	7.93	2610	650	72	114	302	12	Nil	549	369	245	99	1.36
140	KILVELUR	NAGAPATTINAM	27/05/2014	7.60	1790	500	184	10	171	18	Nil	214	333	211	44	0.73
141	KOLLIDAM	NAGAPATTINAM	27/05/2014	7.80	660	260	48	34	27	8	Nil	238	57	48	1	0.82
142	MAYAVARAM	NAGAPATTINAM	27/05/2014	7.60	3000	780	208	63	324	13	Nil	445	737	72	30	0.62
143	NAGAPATTINAM	NAGAPATTINAM	27/05/2014	7.50	2000	560	184	24	224	8	Nil	336	184	470	48	0.86
144	NAGOOR	NAGAPATTINAM	27/05/2014	7.70	1580	380	76	46	188	5	Nil	549	213	29	20	0.86
145	POOMBUHAR	NAGAPATTINAM	27/05/2014	8.20	450	180	40	19	18	5	Nil	140	64	14	4	0.84
146	THIRUKADAIYUR	NAGAPATTINAM	27/05/2014	8.20	320	125	36	9	16	12	Nil	92	28	58	1	0.86
147	TRANQEBAR	NAGAPATTINAM	27/05/2014	8.00	950	275	70	24	85	12	Nil	171	124	139	10	0.62
148	VEDHARANYAM	NAGAPATTINAM	27/05/2014	7.80	550	210	14	43	25	13	Nil	195	46	48	11	0.64

149	VELANKANNI	NAGAPATTINAM	27/05/2014	7.80	1270	530	128	51	37	15	Nil	366	177	53	30	0.72
150	AYILPATTI	NAMAKKAL	28/05/2014	7.95	1130	300	40	49	115	18	Nil	366	135	72	0	0.96
151	ELACHIPALAYAM	NAMAKKAL	26/05/2014	7.76	7140	1550	168	275	980	17	Nil	586	1718	622	27	1.35
152	K.NAICKENPATTI	NAMAKKAL	27/05/2014	7.73	1630	550	132	54	125	6	Nil	415	170	200	33	0.58
153	MOHANPUR	NAMAKKAL	28/05/2014	8.03	2190	580	60	105	220	42	Nil	647	284	142	21	1.59
154	NALLUR	NAMAKKAL	28/05/2014	7.97	3010	900	144	131	275	28	Nil	390	533	393	32	1.12
155	NAMAKKAL	NAMAKKAL	27/05/2014	8.17	1180	280	56	34	148	9	Nil	366	107	125	12	1.48
156	RASIPURAM	NAMAKKAL	28/05/2014	7.86	3050	860	120	136	310	5	Nil	830	540	76	7	0.97
157	SENTHAMANGALAM	NAMAKKAL	28/05/2014	8.17	1560	520	80	78	125	12	Nil	488	156	124	39	0.58
158	THIRUCHENGODE	NAMAKKAL	27/05/2014	8.21	1180	270	40	41	145	13	Nil	427	114	68	12	0.65
159	VAIYAPPAMALAI	NAMAKKAL	27/05/2014	7.98	1470	390	60	58	165	10	Nil	464	170	99	15	1.25
160	VELUR	NAMAKKAL	27/05/2014	7.81	1780	520	60	90	174	18	Nil	451	263	130	18	1.35
161	KOTHAGIRI	NILGIRI	27/05/2014	9.30	180	55	16	4	16	0	6	31	21	29	6	0.71
162	MULLUR	NILGIRI	27/05/2014	9.00	210	85	12	13	9	2	6	49	14	43	6	0.86
163	NAADUGAANI	NILGIRI	27/05/2014	8.00	110	30	8	2	9	2	Nil	18	14	10	6	0.72
164	OOTAKAMAND	NILGIRI	27/05/2014	8.50	760	225	42	29	48	2	12	79	103	86	43	0.78
165	PANDALUR	NILGIRI	27/05/2014	9.20	190	60	16	5	16	6	6	49	18	34	6	0.72
166	PYKARA	NILGIRI	27/05/2014	8.80	250	90	20	10	16	1	6	24	53	24	12	0.79
167	WELLINGTON	NILGIRI	27/05/2014	8.80	310	120	20	17	16	2	18	37	71	14	19	0.79
168	KUNNAM	PERAMBALUR	27/05/2014	7.80	4400	725	176	69	611	5	Nil	153	785	798	18	1.76
169	NAKKASELAM	PERAMBALUR	27/05/2014	7.80	1790	650	70	116	109	8	Nil	244	266	310	18	0.68
170	PERAMBALUR	PERAMBALUR	27/05/2014	7.80	1510	400	44	71	145	5	Nil	305	202	179	25	1.12
171	PERAMBALUR	PERAMBALUR	27/05/2014	7.80	1510	400	44	71	145	5	Nil	305	202	179	25	1.12
172	PONDICHERY	PONDICHERY	29/05/2014	8.05	710	200	62	11	69	3	NIL	305	43	29	19	0.64
173	ARANTANGI	PUDUKKOTTAI	23/05/2014	8.05	1580	220	36	32	262	8	Nil	397	280	63	28	0.98
174	AVUDAIYARKOIL	PUDUKKOTTAI	22/05/2014	7.83	1380	175	36	21	237	8	Nil	336	160	161	73	0.78
175	KUDIMIYANMALAI	PUDUKKOTTAI	18/05/2014	7.57	396	150	36	15	22	2	Nil	153	21	34	12	0.36
176	MANAMELGUDI	PUDUKKOTTAI	23/05/2014	7.23	3600	630	72	109	538	11	Nil	299	870	233	143	0.76

177	MIMISAL	PUDUKKOTTAI	22/05/2014	7.56	23700	1180	88	233	4908	19	Nil	488	5148	3780	380	0.96
178	NAKUDI	PUDUKKOTTAI	23/05/2014	7.51	4400	1520	24	355	313	10	Nil	482	905	275	322	0.97
179	PILLAMANGALAM	PUDUKKOTTAI	18/05/2014	7.20	2190	330	46	52	352	2	Nil	781	174	210	8	0.54
180	PUDUKOTTAI	PUDUKKOTTAI	23/05/2014	7.91	2400	260	28	46	432	9	Nil	421	337	343	75	0.98
181	RATTUMAVADI	PUDUKKOTTAI	23/05/2014	7.83	2800	320	20	66	497	18	Nil	378	675	147	21	1.54
182	VALLATHIRAIKOTTAI	PUDUKKOTTAI	23/05/2014	7.96	350	145	48	6	14	12	Nil	116	75	-30	35	0.56
183	VIRALIMALAI	PUDUKKOTTAI	18/05/2014	8.10	2370	410	20	88	357	25	Nil	275	540	55	225	1.65
184	BOGALUR	RAMNAD	19/05/2014	7.13	2950	190	16	36	591	13	Nil	708	579	79	28	1.72
185	DEVIPATTINAM	RAMNAD	20/05/2014	8.12	5280	590	112	75	943	9	Nil	885	951	418	175	0.36
186	KAMUDHI	RAMNAD	19/05/2014	8.10	1280	360	88	34	129	8	Nil	262	199	145	12	0.69
187	KILAKKARAI	RAMNAD	20/05/2014	7.91	6550	550	48	105	1254	17	Nil	702	1480	413	260	0.98
188	MANDAPAM	RAMNAD	20/05/2014	8.03	1060	280	72	24	115	12	Nil	275	92	173	18	0.34
189	R.S.MANGALAM	RAMNAD	20/05/2014	8.01	3210	390	24	80	559	13	Nil	214	852	188	75	0.98
190	RAMESHWARAM	RAMNAD	21/05/2014	8.04	1220	320	24	63	133	14	Nil	220	231	44	105	0.57
191	RAMNAD	RAMNAD	21/05/2014	8.13	5100	1200	280	122	621	17	Nil	830	525	1097	18	0.36
192	SAYALKUDI	RAMNAD	19/05/2014	7.81	3120	480	92	61	497	7	Nil	354	586	360	105	0.64
193	SIKKAL	RAMNAD	20/05/2014	7.80	3140	230	36	34	616	12	Nil	872	327	364	45	0.54
194	TIRUVADANAI	RAMNAD	21/05/2014	7.73	5770	950	220	97	890	10	Nil	220	1491	449	196	0.43
195	TIRUVENGAMPUTTUR	RAMNAD	21/05/2014	7.42	8770	1100	248	117	1511	32	Nil	336	2698	302	55	0.34
196	TONDI	RAMNAD	21/05/2014	7.86	8930	1020	116	178	1585	25	Nil	336	2613	511	22	0.72
197	U.KOSAMANGAI	RAMNAD	19/05/2014	7.99	5850	390	36	73	1166	12	Nil	628	1356	485	18	0.56
198	UCHIPULI	RAMNAD	21/05/2014	8.01	670	230	44	29	48	5	Nil	390	67	-85	28	0.19
199	AKKARAIKADU	SALEM	27/05/2014	8.30	5140	1300	80	267	614	12	6	98	1305	672	25	1.80
200	ATTYAMPATHI	SALEM	27/05/2014	7.64	4450	850	40	182	662	8	Nil	714	936	341	43	1.30
201	IDAPADI/	SALEM	23/05/2014	8.70	2700	700	20	158	317	16	18	427	301	557	72	1.60
202	JALAKANDAPURAM	SALEM	27/05/2014	8.99	1070	350	16	75	85	2	18	354	57	144	25	1.40
203	MALLUR	SALEM	23/05/2014	9.20	1140	310	20	63	120	5	24	305	167	24	82	0.86
204	MAMUNDI	SALEM	27/05/2014	8.20	4070	630	40	129	667	16	Nil	256	957	427	124	0.62

205	MECHERI	SALEM	27/05/2014	8.56	2190	690	24	153	182	12	12	299	355	259	112	1.40
206	OMALUR	SALEM	23/05/2014	8.90	1810	385	28	77	237	13	18	171	393	48	209	0.66
207	P.G.PALAYAM	SALEM	23/05/2014	6.50	2100	260	16	53	393	8	Nil	403	355	158	165	0.85
208	PANAMARATHUPATTI	SALEM	23/05/2014	9.00	1900	580	22	128	166	16	24	336	397	38	108	0.92
209	PONNAMPATTI	SALEM	23/05/2014	9.50	1040	270	20	53	113	7	18	311	85	101	46	0.86
210	PULAVERI	SALEM	27/05/2014	8.40	7390	3000	208	603	377	4	6	391	752	2304	43	1.50
211	S.K.GARDEN.	SALEM	27/05/2014	8.64	2240	500	36	100	288	12	12	195	362	437	7	1.70
212	SALEM	SALEM	23/05/2014	8.90	2600	600	20	134	338	12	18	549	603	43	11	0.10
213	SALEM BANK HOUSE	SALEM	23/05/2014	8.00	1400	350	12	78	145	6	Nil	482	124	62	49	0.92
214	SIVADAPURAM	SALEM	27/05/2014	8.91	3450	1000	20	231	361	12	18	616	709	235	56	1.40
215	SIVANTHAPATTI	SALEM	27/05/2014	8.66	5860	900	48	190	957	16	12	79	1361	912	68	1.30
216	THALAIVASAL	SALEM	23/05/2014	7.00	690	270	24	51	35	2	Nil	287	53	29	12	0.85
217	VANNANDUR	SALEM	27/05/2014	8.59	968	215	16	43	115	9	12	244	85	120	43	0.78
218	VEPPAMPOONDI	SALEM	23/05/2014	9.00	500	180	16	34	32	3	18	183	39	43	6	0.74
219	ANNANAGAR	SIVAGANGA	19/05/2014	7.79	810	200	52	17	94	5	Nil	140	131	80	45	0.54
220	CHETTINAD	SIVAGANGA	22/05/2014	8.20	2040	250	36	39	354	13	Nil	500	337	125	37	1.55
221	DEVAKOTTAI	SIVAGANGA	20/05/2014	7.74	475	140	44	7	45	2	Nil	140	67	10	32	0.32
222	ILAYANGUDI	SIVAGANGA	19/05/2014	8.15	1260	200	16	39	198	17	Nil	378	234	4	16.0	0.37
223	KALAYARKOIL	SIVAGANGA	18/05/2014	7.66	1550	480	104	54	136	13	Nil	146	426	30	55	0.65
224	KALLAL	SIVAGANGA	19/05/2014	7.82	372	80	12	12	49	11	Nil	146	25	43	16	0.64
225	KARAIKUDI	SIVAGANGA	22/05/2014	8.10	995	210	48	22	132	9	Nil	116	124	157	103	1.45
226	MANAKUDI	SIVAGANGA	18/05/2014	8.24	3870	810	64	158	518	18	Nil	641	799	125	228	1.64
227	MANAMADURAI	SIVAGANGA	18/05/2014	7.60	702	90	12	15	120	5	Nil	214	89	15	55	1.36
228	MUTHUNANDAL	SIVAGANGA	18/05/2014	8.17	2960	790	64	153	317	5	Nil	397	518	414	12	0.56
229	OKKUR	SIVAGANGA	18/05/2014	7.79	762	210	32	32	79	6	Nil	201	89	95	10	0.73
230	PUDUVAYAL	SIVAGANGA	22/05/2014	8.05	1010	320	64	39	85	1	Nil	275	103	113	54	0.28
231	SIVAGANGA	SIVAGANGA	18/05/2014	8.05	2400	480	88	63	331	8	Nil	378	444	240	43	1.12
232	TIRUPATTUR	SIVAGANGA	18/05/2014	7.75	721	215	28	35	67	10	Nil	214	138	12	15	0.74

233	ICHANKOTTAI	THANJAVOR	23/05/2014	8.00	220	50	12	5	27	4	Nil	37	35	24	18	0.75
234	KUMBAKONAM	THANJAVOR	23/05/2014	7.50	3100	490	108	53	515	4	Nil	787	496	250	5	0.83
235	LOWERANAICUT	THANJAVOR	23/05/2014	8.20	1220	350	72	41	117	5	Nil	427	142	62	2	0.82
236	MADAGAI	THANJAVOR	23/05/2014	8.10	660	250	64	22	36	4	Nil	226	85	14	19	0.76
237	NARASINGANPETTAI	THANJAVOR	23/05/2014	7.70	1530	480	112	49	131	4	Nil	427	241	67	14	1.30
238	PAPANASAM	THANJAVOR	23/05/2014	7.80	1250	525	130	49	41	4	Nil	122	202	216	4	0.82
239	PATTUKOTTAI	THANJAVOR	23/05/2014	8.00	1180	435	100	45	67	11	Nil	250	252	19	4	0.92
240	THIRUVAIYARU	THANJAVOR	23/05/2014	7.60	3800	1120	128	194	392	4	Nil	433	865	389	2	0.76
241	ANDIPATTI	THENI	27/05/2014	8.12	1080	500	60	85	15	17	Nil	451	57	78	11	1.56
242	BODINAYAKANUR	THENI	27/05/2014	7.83	3740	640	64	117	576	27	Nil	732	476	68	680	1.25
243	DEVADANAPATTI	THENI	29/05/2014	8.19	714	320	64	39	12	98	Nil	317	57	42	58	0.68
244	GANDAMANUR	THENI	27/05/2014	8.02	2450	560	76	90	298	22	Nil	329	376	55	660	1.15
245	GUDALUR	THENI	27/05/2014	8.07	896	300	44	46	68	23	Nil	390	85	18	53	1.37
246	KUMBAM	THENI	27/05/2014	7.96	2720	580	52	109	368	12	Nil	561	419	232	85	1.18
247	MAILADUMPARA	THENI	27/05/2014	7.95	1680	580	88	88	130	26	Nil	586	149	112	42	1.25
248	SEELAYAMPATTI	THENI	27/05/2014	7.80	2480	720	140	90	235	26	Nil	366	362	42	650	0.65
249	THENI	THENI	27/05/2014	7.88	1660	620	160	54	85	28	Nil	329	249	24	229	0.78
250	UTHAMAPALAYAM	THENI	27/05/2014	8.21	280	220	36	32	12	18	Nil	195	36	18	22	0.94
251	VADUGAPATTI	THENI	28/05/2014	7.94	720	360	76	41	10	13	Nil	303	71	22	18	0.76
252	AGRAHARAM	THIRUPUR	23/05/2014	8.20	3700	860	124	134	469	12	Nil	763	851	43	37	0.85
253	ARUGAMPALAYAM	THIRUPUR	23/05/2014	8.70	4400	540	60	95	780	12	12	250	1064	480	51	0.92
254	AVINASHI	THIRUPUR	23/05/2014	8.70	890	230	20	44	99	3	12	275	78	77	41	0.92
255	KASIPALAYAM	THIRUPUR	23/05/2014	8.10	5500	1140	240	131	662	16	Nil	439	1418	182	72	0.96
256	KOVILVAZHI-III	THIRUPUR	23/05/2014	8.30	1500	280	22	55	212	9	6	506	142	77	78	1.10
257	MANUR	THIRUPUR	23/05/2014	8.00	5900	1360	160	233	768	20	Nil	445	1631	365	16	1.50
258	METTUPALAYAM	THIRUPUR	23/05/2014	9.00	1020	350	30	67	71	4	18	336	106	29	71	0.65
259	NACHIPALAYAM	THIRUPUR	23/05/2014	8.80	1880	630	42	128	143	5	12	299	323	67	221	0.82
260	OOTHUKADU	THIRUPUR	23/05/2014	8.80	1720	620	38	128	108	7	12	311	355	82	37	0.84

261	OTHANGADU	THIRUPUR	23/05/2014	8.90	1120	300	28	56	138	4	12	342	124	62	107	0.76
262	PALLADAM	THIRUPUR	23/05/2014	8.20	1810	455	44	84	207	5	Nil	488	280	24	115	0.65
263	T.A.JOTHINAGAR	THIRUPUR	23/05/2014	8.20	4410	1140	76	231	538	19	Nil	378	223	1550	125	0.94
264	TIRUPPUR	THIRUPUR	23/05/2014	8.40	2300	480	104	53	327	8	6	519	262	240	187	0.98
265	WEEKLY MARKET	THIRUPUR	23/05/2014	7.80	6900	1500	40	340	964	23	Nil	720	1928	240	73	1.40
266	ANDERSONPET	THIRUVALLUR	27/05/2014	8.00	1380	230	16	46	212	6	Nil	153	156	302	36	0.49
267	ARANI	THIRUVALLUR	21/05/2014	7.01	1330	220	36	32	197	13	Nil	329	156	126	2	0.56
268	ATTIPATTU	THIRUVALLUR	21/05/2014	6.98	3390	780	136	107	377	75	Nil	378	753	246	21	0.65
269	ELAVUR	THIRUVALLUR	21/05/2014	7.26	687	230	52	24	49	5	Nil	153	121	35	2	0.58
270	ENNUR THAZHAKUPPAM	THIRUVALLUR	21/05/2014	7.00	2760	540	76	85	379	13	Nil	232	440	361	189	0.54
271	GUMUDIPOONDI	THIRUVALLUR	21/05/2014	6.93	1800	520	96	68	162	22	Nil	439	305	80	3	0.99
272	KADAPAKKAM	THIRUVALLUR	21/05/2014	7.23	2320	270	44	39	389	35	Nil	189	426	318	1	1.16
273	KNAKKAMMACHATRAM	THIRUVALLUR	27/05/2014	8.20	1770	280	24	53	276	4	Nil	488	266	77	37	0.91
274	METTUKANDAGAI	THIRUVALLUR	27/05/2014	8.00	1040	305	22	61	97	4	Nil	305	124	62	37	0.75
275	NANDIYAMPAKKAM	THIRUVALLUR	21/05/2014	7.01	2050	370	52	58	291	17	Nil	366	334	223	2	0.77
276	PATRAPUDUR	THIRUVALLUR	27/05/2014	8.00	1110	310	20	63	110	5	Nil	354	149	24	41	0.69
277	PERIYAPALAYAM	THIRUVALLUR	21/05/2014	7.21	1980	430	28	88	253	8	Nil	531	241	183	4	0.58
278	PONNERI	THIRUVALLUR	21/05/2014	7.25	1240	350	76	39	117	13	Nil	323	128	114	30	1.16
279	PULICOT	THIRUVALLUR	21/05/2014	7.46	1210	360	52	56	74	65	Nil	354	149	71	2	0.58
280	PUZHAL	THIRUVALLUR	21/05/2014	7.41	666	210	36	29	54	5	Nil	104	128	43	3	0.28
281	REDHILLS	THIRUVALLUR	21/05/2014	7.36	822	270	36	44	61	7	Nil	189	99	90	2	0.56
282	SANGAIPEDU	THIRUVALLUR	21/05/2014	6.85	3500	270	24	51	671	17	Nil	781	469	330	2	0.78
283	SHOLINGER	THIRUVALLUR	27/05/2014	8.20	1260	330	12	73	138	5	Nil	305	248	16	24	0.65
284	THIRUMULLAVAYAL	THIRUVALLUR	21/05/2014	7.62	544	160	24	24	47	8	Nil	122	78	37	3	1.18
285	THIRUPALAVANAM	THIRUVALLUR	21/05/2014	7.12	3300	340	60	46	598	7	Nil	397	554	421	3	1.18
286	THIRUTHANI	THIRUVALLUR	27/05/2014	8.20	1300	345	16	74	138	5	Nil	323	216	43	40	0.92
287	THIRUVALANGADU	THIRUVALLUR	27/05/2014	8.10	1830	495	36	98	191	9	Nil	842	266	178	51	0.85
288	TIRUMAZHISAI	THIRUVALLUR	27/05/2014	8.00	350	120	12	22	25	2	Nil	122	25	24	20	0.68

289	TIRUVALLUR	THIRUVALLUR	27/05/2014	8.10	1930	460	22	98	228	31	Nil	104	333	384	43	0.51
290	UTHUKOTTAI	THIRUVALLUR	21/05/2014	6.85	1380	380	36	71	136	11	Nil	287	185	116	40	0.56
291	VEPERI	THIRUVALLUR	21/05/2014	7.15	5210	480	40	92	972	9	Nil	634	1022	480	2	0.92
292	VOYALOR	THIRUVALLUR	21/05/2014	6.91	2060	240	32	39	347	28	Nil	262	362	253	1	0.98
293	VYASARPADI	THIRUVALLUR	21/05/2014	6.92	2940	510	80	75	435	11	Nil	134	788	198	3	0.56
294	ANANDAVADI	THIRUVANNAMALAI	22/05/2014	8.00	1660	465	24	98	163	8	Nil	458	160	168	74	0.88
295	ARANI	THIRUVANNAMALAI	22/05/2014	8.20	1120	480	50	86	25	8	Nil	366	142	34	19	0.54
296	BAGMARPET	THIRUVANNAMALAI	22/05/2014	8.00	1500	265	80	16	221	3	Nil	445	223	48	25	0.66
297	CHETPET	THIRUVANNAMALAI	22/05/2014	8.00	1830	485	50	87	193	8	Nil	378	337	34	120	0.92
298	KALAVAI	THIRUVANNAMALAI	22/05/2014	8.30	690	275	24	52	32	10	6	244	82	29	18	0.66
299	MELMAKOTTUROAD	THIRUVANNAMALAI	22/05/2014	8.40	1600	550	24	119	115	4	6	275	284	134	56	0.69
300	POLUR	THIRUVANNAMALAI	22/05/2014	8.20	1260	410	30	81	120	5	Nil	427	170	53	37	0.66
301	SATHANUR	THIRUVANNAMALAI	22/05/2014	8.10	1820	580	76	95	147	8	Nil	458	301	72	50	0.55
302	THANDARAMPATTU	THIRUVANNAMALAI	22/05/2014	8.20	1170	450	90	55	60	4	Nil	122	195	120	109	0.66
303	THANIPADI	THIRUVANNAMALAI	22/05/2014	7.60	1740	340	60	46	239	8	Nil	610	71	187	93	0.93
304	TIRUVANNAMALAI	THIRUVANNAMALAI	22/05/2014	7.90	1340	300	100	12	168	5	Nil	366	230	34	12	0.93
305	VANDAVASI	THIRUVANNAMALAI	22/05/2014	7.80	2500	710	200	51	230	12	Nil	207	674	72	37	0.88
306	MANNARGUDI	THIRUVARUR	23/05/2014	8.00	1020	320	86	26	78	12	Nil	214	213	24	13	0.93
307	NANNILAM	THIRUVARUR	23/05/2014	8.10	860	275	72	23	69	4	Nil	305	89	43	11	0.86
308	PANGAL	THIRUVARUR	23/05/2014	7.90	1260	250	28	44	163	20	Nil	336	188	72	23	1.00
309	PERALAM	THIRUVARUR	23/05/2014	8.00	1190	225	38	32	161	16	Nil	366	135	101	4	1.30
310	THILLAVILLAGAM	THIRUVARUR	23/05/2014	8.10	900	195	54	15	117	4	Nil	256	57	125	28	0.95
311	ABISHEKAPATTI	TIRUNELVELI	30/05/2014	7.92	2570	800	200	73	223	7	Nil	183	703	78	97	0.05
312	ALANGULAM1	TIRUNELVELI	30/05/2014	7.95	1170	440	92	51	67	55	Nil	366	213	55	14	0.56
313	AMBASAMUDRAM1	TIRUNELVELI	30/05/2014	8.12	795	310	48	46	40	75	Nil	366	128	12	15	2.14
314	CHINTAMANI	TIRUNELVELI	30/05/2014	8.13	2080	640	112	87	184	2	Nil	366	405	138	48	0.43
315	KALAKKADU	TIRUNELVELI	30/05/2014	8.01	840	300	48	44	55	10	Nil	305	142	26	12	0.12
316	NADUVAPATTY	TIRUNELVELI	30/05/2014	8.14	480	220	40	29	9	5	Nil	183	107	18	28	0.16



317	NANGUNERI2	TIRUNELVELI	30/05/2014	8.00	1530	330	60	44	200	5	Nil	549	284	14	15	1.05
318	OVARI	TIRUNELVELI	30/05/2014	7.76	1390	350	60	49	159	1	Nil	403	213	28	67	0.36
319	P.CHATRAM	TIRUNELVELI	30/05/2014	8.04	1300	420	40	78	106	22	Nil	329	213	90	12	0.16
320	PALAYAMKOTTAI	TIRUNELVELI	30/05/2014	8.08	470	280	40	44	12	34	Nil	183	57	120	18	0.59
321	PAPANASAM1	TIRUNELVELI	30/05/2014	7.96	463	250	40	36	11	1	Nil	146	78	38	12	0.37
322	R.PATTINAM	TIRUNELVELI	22/05/2014	7.61	1450	500	112	53	104	7	Nil	464	220	36	93	0.94
323	RADHAPURAM1	TIRUNELVELI	22/05/2014	8.04	383	230	40	32	19	9	Nil	134	50	98	27	0.12
324	SANKARANKOIL2	TIRUNELVELI	22/05/2014	7.96	1360	580	112	73	46	20	Nil	354	256	58	29	0.51
325	SENKOTTAI	TIRUNELVELI	22/05/2014	8.21	295	160	44	12	18	6	Nil	61	28	45	29	0.00
326	VALLIYOOR	TIRUNELVELI	22/05/2014	7.71	1940	480	136	34	225	90	Nil	390	327	112	245	0.53
327	VASUDEVANALLUR2	TIRUNELVELI	22/05/2014	7.93	1480	520	76	80	101	4	Nil	366	241	58	69	1.56
328	CHTRAPATTI	TRICHIRAPALLI	23/05/2014	7.70	1100	300	60	36	113	4	Nil	397	96	72	22	0.94
329	MANAPARAI-2	TRICHIRAPALLI	23/05/2014	7.50	2890	900	128	141	215	64	Nil	366	659	96	144	1.30
330	MUSIRI	TRICHIRAPALLI	23/05/2014	7.90	1220	305	68	33	133	9	Nil	323	124	125	34	0.97
331	PULIVALAM	TRICHIRAPALLI	23/05/2014	7.60	2580	1190	268	126	46	8	Nil	549	510	43	101	1.20
332	PULLAMBADI	TRICHIRAPALLI	23/05/2014	7.70	4000	1730	208	294	158	20	Nil	439	1205	34	12	1.00
333	THIRUCHIRAPALLI	TRICHIRAPALLI	23/05/2014	7.60	2400	650	176	51	281	4	Nil	183	596	240	16	0.96
334	THUMBALAM	TRICHIRAPALLI	23/05/2014	7.90	1290	260	88	10	142	60	Nil	519	124	43	1	0.86
335	THURAIYUR	TRICHIRAPALLI	23/05/2014	7.90	1440	295	42	46	186	16	Nil	488	195	43	2	1.20
336	THUVAKUDI	TRICHIRAPALLI	23/05/2014	7.70	1560	110	24	12	299	16	Nil	403	227	34	109	0.85
337	TT PET	TRICHIRAPALLI	23/05/2014	8.00	1340	515	80	77	69	5	Nil	427	177	38	28	0.96
338	UPPILIYAPURAM	TRICHIRAPALLI	23/05/2014	8.00	1590	710	106	108	37	8	Nil	549	99	187	23	0.96
339	VAIYAMPATTI	TRICHIRAPALLI	23/05/2014	7.80	1560	610	154	55	74	7	Nil	366	319	14	19	0.98
340	DEVACHAYALPURAM	TUTICORIN	23/05/2014	7.46	1630	300	116	2	237	17	Nil	427	199	14	251	0.64
341	KALLURANI DW	TUTICORIN	23/05/2014	7.78	630	310	80	27	12	5	Nil	305	43	16	121	1.54
342	KALUNGUMALAI	TUTICORIN	23/05/2014	8.01	1990	350	44	58	297	23	Nil	244	170	450	174	1.65
343	KARISAKULAM	TUTICORIN	23/05/2014	8.01	850	400	60	61	12	8	Nil	305	85	45	19	1.12
344	KAYATTAR	TUTICORIN	23/05/2014	7.55	3510	790	200	70	444	4	Nil	366	802	310	18	1.36

345	KULASEKHARAPTNM	TUTICORIN	23/05/2014	7.87	970	330	80	32	71	5	Nil	366	78	46	28	0.58
346	KURUKKUCHALAI	TUTICORIN	23/05/2014	7.92	4320	980	180	129	543	36	Nil	390	383	980	153	1.25
347	MANIYACHI1	TUTICORIN	23/05/2014	8.01	1190	390	60	58	94	12	Nil	561	71	28	52	1.12
348	MUPPILIPATTI DW	TUTICORIN	23/05/2014	7.98	1130	500	120	49	21	18	Nil	268	213	34	29	1.23
349	NAGALAPURAM	TUTICORIN	23/05/2014	8.01	1450	320	120	5	186	11	Nil	268	249	128	34	0.63
350	NAZARETH	TUTICORIN	23/05/2014	8.02	599	230	60	19	32	10	Nil	218	78	10	46	0.59
351	SADAIYANALLUR	TUTICORIN	23/05/2014	7.81	1720	530	120	56	152	18	Nil	207	348	128	88	0.99
352	SATHANKULAM-S	TUTICORIN	23/05/2014	7.53	2710	620	180	41	338	26	Nil	342	525	158	215	1.12
353	SRIVAIKUNDAM1	TUTICORIN	23/05/2014	7.86	813	360	88	34	21	10	Nil	328	78	55	19	1.32
354	TIRUCHENDUR-E	TUTICORIN	23/05/2014	7.93	2650	440	88	53	407	28	Nil	427	469	168	128	0.92
355	TUTICORIN	TUTICORIN	23/05/2014	7.73	7880	900	144	131	1398	56	Nil	695	2002	470	27	1.13
356	VILATHIKULAM	TUTICORIN	23/05/2014	8.05	4000	650	120	85	520	32	Nil	488	511	650	18	0.58
357	VILLUPURAM	VILLUPURAM	30/05/2014	7.80	1590	395	90	41	133	18	Nil	153	302	120	85	1.55
358	GINGEE	VILLUPURAM	30/05/2014	7.65	2100	475	44	89	226	8	Nil	372	398	107	17	1.25
359	KALLAKURICHI	VILLUPURAM	24/05/2014	7.60	1450	275	70	24	143	7	Nil	153	249	115	49	1.34
360	MAMBALAPATTU	VILLUPURAM	27/05/2014	7.50	2320	525	62	90	198	10	Nil	293	419	132	11	0.66
361	RISHIVANDIYAM	VILLUPURAM	27/05/2014	7.50	2115	425	136	21	280	70	Nil	165	398	277	173	1.45
362	SANKARAPURAM	VILLUPURAM	23/05/2014	7.80	1910	310	50	45	244	7	Nil	268	284	162	145	0.56
363	THYAGADURUGAM	VILLUPURAM	23/05/2014	7.60	3610	870	284	39	133	18	Nil	262	585	32	85	0.78
364	TINDIVANAM	VILLUPURAM	23/05/2014	7.60	2710	475	60	79	349	40	Nil	500	405	292	19	0.78
365	TIRUKOVILUR	VILLUPURAM	23/05/2014	7.80	1720	140	48	5	260	6	Nil	281	344	11	23	1.21
366	ULNDURPET	VILLUPURAM	23/05/2014	7.60	1045	335	80	33	171	9	Nil	275	96	344	82	1.16
367	ARUPPUKOTTAI-W	VIRUDHUNAGAR	29/05/2014	6.51	122	60	8	10	5	8	Nil	26	35	8	12	1.32
368	DEVADANAM1	VIRUDHUNAGAR	29/05/2014	7.70	1670	590	72	100	113	4	Nil	561	213	10	90	0.90
369	MARANERI	VIRUDHUNAGAR	29/05/2014	7.89	722	310	60	39	23	4	Nil	312	71	12	35	1.12
370	MAYURNATHAPURAM	VIRUDHUNAGAR	29/05/2014	7.55	4040	1290	280	143	336	4	Nil	342	781	545	42	0.56
371	POLAVANATHAM	VIRUDHUNAGAR	29/05/2014	7.76	1660	500	120	49	152	10	Nil	537	249	45	14	0.74
372	RAJAPALAYAM1	VIRUDHUNAGAR	29/05/2014	7.81	2370	650	80	109	246	2	Nil	427	497	95	54	0.70

373	SIVAKASI2	VIRUDHUNAGAR	29/05/2014	8.21	1170	450	84	58	62	10	Nil	244	249	37	18	0.17
374	SRIVILLIPUTHUR1	VIRUDHUNAGAR	29/05/2014	7.64	3050	1100	176	160	196	20	Nil	366	817	39	80	0.85
375	TAMILPADI	VIRUDHUNAGAR	29/05/2014	8.11	1680	650	132	78	87	2	Nil	451	249	45	107	1.58
376	VIRUDUNAGAR	VIRUDHUNAGAR	29/05/2014	7.96	4140	850	108	141	561	4	Nil	525	781	525	16	1.06
377	WATRAP	VIRUDHUNAGAR	30/05/2014	8.21	928	460	60	75	2	4	Nil	366	114	28	43	1.44

நீர் பாதுகாப்பு  
மற்றும்  
நீர் சேமிப்பு செய்

जल बचाओ  
और  
जल संरक्षण करना

SAVE WATER  
AND  
CONSERVE WATER