

## 4. IRRIGATION

### 4.1 Sources of Water Supply –Blockwise

Year: 2005-06

Sl. No.	Name of the Block	Canals		Wells used for irrigation purpose only	Tube Wells	Wells used for Domestic Purpose only	Resorvoirs	Tanks (Nos.)
		Numbers	Length (Km.)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Vellore	13	20	4152	73	2398	0	42
2	Kaniyambadi	20	30	9162	224	2892	0	17
3	Anaicut	21	65	5473	202	2267	0	63
4	Gudiyattam	50	70	3279	771	7032	0	113
5	Pernambut	96	196	8137	661	5036	1	52
6	K.V.Kuppam	112	120	9787	180	2296	0	29
7	Katpadi	12	30	3383	67	2069	0	33
8	Wallajah	26	25	3608	18	2250	0	74
9	Sholingur	108	90	6560	11	3574	0	77
10	Arcot	29	35	5780	89	2385	0	65
11	Thimiri	12	13	8846	39	3329	0	109
12	Arakonam	0	0	2665	479	1850	0	71
13	Nemili	0	0	7671	265	1680	0	132
14	Kaveripakkam	1	2	5030	202	2209	0	109
15	Tirupattur	33	124	6755	45	3307	0	84
16	Kandili	0	0	7372	140	3095	0	102
17	Natrampalli	17	77	4891	124	2442	0	52
18	Jolarpet	22	49	7840	45	3366	1	47
19	Alangayam	10	50	5657	17	2519	0	45
20	Madhanur	22	71	5596	67	9059	0	39
	<b>Total</b>	<b>604</b>	<b>1067</b>	<b>121644</b>	<b>3719</b>	<b>65055</b>	<b>2</b>	<b>1355</b>

**Source: - Assistant Director of Statistics, Vellore.**

**4.2 ACTUAL AREA IRRIGATED BY SOURCE**  
(Area in Hectares)

Year: 2005-2006

Source	Number	Area Irrigated	
		Net	Gross
<b>I. Surface Water:</b>			
<b>1. Canals</b>			
i) Government Canals	604	0	0
ii) Private Canals	---	--	--
<b>2. Tanks</b>			
i) Large	420	---	---
ii) Small	935	---	---
<b>3. Flow Irrigation</b>			
i) Major & Medium	--	--	--
ii) Minor	--	--	--
<b>4. Lift Irrigation:</b>			
i) Major & Medium	--	--	--
ii) Minor	--	--	--
<b>5. Ponds</b>			
i) Lift Irrigation	---	---	---
ii) Minor	---	---	---
<b>6. Other Sources:</b>			
i) Lift Irrigation	--	--	--
ii) Flow Irrigation	--	1940	4374
<b>II Ground Water:</b>			
1. Public			
2. Private Tube Wells	16	0	0
Dug Wells	587	6431	12038
3. i) With Pump sets	122483	61923	80696
ii) Without Pumpsets	122483	61923	---
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Source: Assistant Director of Statistics, Vellore.

**4.3 AREA IRRIGATED BY CROPS**  
(MINOR IRRIGATION CENSUS)

Year: 2005-06

Sl.No.	Crop	Area (in '000' Hect.)
1	Paddy	58.152
2	Cholam	0.056
3	Cumbu	0.501
4	Maize	0.267
5	Ragi	3.204
6	Sugarcane	17.202
7	Onion	0.036
8	Fruits and Vegetables	10.668
9	Gingelly	0.352
10	Groundnut	8.448
11	Coconut	21.129
12	Sunflower	0.084
13	Cotton	0.328
14	Greengram	0.065
15	Blackgram	0.232
16	Chillies	0.330
17	Turmeric	0.718

#### 4.4 Details of Dams, Tanks, Wells and Bore Wells

Year: 2005-06

Sl. No.	Name of the Block	Dams					Tanks				No. of Wells in use	No. of Bore wells
		Catchment area	Water spread area	Height	Capacity	Length of canals	Water spread area	Capacity	Height	Length of canals		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Vellore						719			13	4152	73
2	Kaniyambadi						1340			20	9162	224
3	Anaicut						2825			21	5473	202
4	Gudiyattam						911			50	3279	771
5	Pernambut		1	23.8			455			96	8137	661
6	K.V.Kuppam						1387			112	9787	180
7	Katpadi						1567			12	3383	67
8	Wallajah						2036			26	3608	18
9	Sholingur						4330			108	6560	11
10	Arcot						1407			29	5780	89
11	Timiri						5710			12	8846	39
12	Arakkonam						1533			0	2665	479
13	Nemili						3926			0	7671	265
14	Kaveripakkam						1831			1	5030	202
15	Tirupattur						1040			33	6755	45
16	Kandili						446			0	7372	140
17	Natrampalli						298			17	4891	124
18	Jolarpet		1	8.00			460			22	7840	45
19	Vaniyambadi						307			10	5657	17
20	Madhanur						437			22	5596	67
	<b>Total</b>						<b>32957</b>			<b>604</b>	<b>121644</b>	<b>3719</b>

Source: Assistant Director of Statistics, Vellore