

4. IRRIGATION

4.1 Sources of Water Supply –Block wise - Year:2007-08

Sl. No	Name of the Block	Number of Canals	Length (Km.)	Wells used for irrigation purpose only	Tube Wells	Wells used for Domestic Purpose only	Reservoirs	Tanks (Nos.)
1	TIRUVANNAMALAI	35	30.00	17856		868		123
2	THURINJAPURAM	2	3.00	8531		579		104
3	KILPENNATHUR			7989		398		125
4	POLUR			15360	59	206		70
5	KALASAPACKAM			13273		744		82
6	CHETPAT			12804	28	723		116
7	JAWATHUMALAI			1141		105		0
8	CHENGAM			11464		448		86
9	PUDUPALAYAM	1	5.00	11398		970		63
10	THANDRAMPAT	63	43.00	11985		696	1	92
11	CHEYYAR	7	10.00	4943		624		117
12	ANACKAVOOR	7	9.00	4194		594		116
13	VEMBACKAM	28	18.00	4733	1135	590		147
14	VANDEVASI	1	1.00	12413		2634		232
15	THELLAR			8582		1337		149
16	PERANAMALLUR			13226	1	1258		129
17	ARNI			7615		181		105
18	ARNI (W)			2573		450		109
	TOTAL	144	119.0	170080	1223	13405	1	1965

Source: Department of Economics and Statistics, Chennai-6.

4.2 Actual area irrigated by source-(Area in Hectares) - Year:2007-08

Source	Number	Area Irrigated	
		Net	Gross
I. Surface Water:			
1. Canals	144		
i) Government Canals		1423	1426
ii) Private Canals			
2. Tanks			
i) Large	604	33324	38074
ii) Small	1361		
3. Flow Irrigation			
i) Major & Medium	Nil		
ii) Minor	Nil		
4. Lift Irrigation:			
i) Major & Medium	Nil	Nil	Nil
ii) Minor	Nil		
5. Ponds			
i) Lift Irrigation	Nil	Nil	
iii) Minor Irrigation	Nil	Nil	
6. Other Sources:			
i) Lift Irrigation			
ii) Flow ¹ Irrigation	Nil		
II Ground Water:			
1. Public	Nil		

2. Private Tube/Bore Wells	1331	} 115035	157920
3. Dug Wells	155577		
4. I) With Pump sets	150879		
ii) Without Pump sets	4698		

Source: 'G' Return.

4.3 Area irrigated by crops- Year:2007-08

Sl.No.	Crop	Area (in '000'Hect.)
1	PADDY	112.013
2	MAIZE	0.099
3	CUMBU	0.324
4	RAGI	0.864
5	ONION	0.040
6	TURMARIC	0.347
7	RED GRAM	0.024
8	GREEN GRAM	0.147
9	BLACK GRAM	0.593
10	CHILLIES	0.348
11	SUGAR CANE	28.227
12	GROUND NUT	38.955
13	GINGELLY	1.041
14	COCONUT	0.519
15	COTTON	0.812
16	BANANA	3.106
17	OTHERS	9.985
	Total	197.420

Source: 'G' Return

4.4 Details of Dams, Tanks, Wells and Bore Wells

Year:2007-08

Sl. No.	Name of the Block	Dams					Tanks					No. of Wells in use	No. of Tanks
		Catchments area	Water spread area	Height	Capacity	Length of canals	Water spread	Capacity	Height	Length of canals			
1	Tiruvannamalai										17856	152	
2	Thurinjapuram										8531	62	
3	Kilpennathur										7989	123	
4	Polur										15360	119	
5	Kalasapakkam										13273	90	
6.	Chetpat										12804	83	
7.	Jewaduhills										1141	0	
8.	Chengam										11464	95	
9.	Pudhupalayam										11398	73	

10.	Thandarampet	4480	4500	119	8100	35.00					11985	104
11.	Cheyar										4943	125
12.	Anakkavur										4194	173
13.	Vembakkam										4733	148
14.	Vandavasi										12413	137
15.	Thellar										8582	130
16.	Peranamallur										13226	123
17.	Arni										7615	117
18.	West Arni										2573	111
	TOTAL	4480	4500	119	8100	35.00					170080	1965