
Table No.	Contents	Page
5. IRRIGATION		
5.1	Sources of Water Supply	155-156
5.2	Source wise Net Area Irrigated by Districts	157-158
5.3	Area Sown and Irrigated by Districts	159-160
5.4	Principal Crop wise Area Irrigated	161
5.5	Water Level and Release of Water in certain Reservoirs	162

5. IRRIGATION**5.1 SOURCES OF WATER SUPPLY 2012-13**

(in Numbers)

<i>District</i>	<i>Canals</i>		<i>Tube Wells & Other Wells</i>
	<i>Number</i>	<i>Length (Km.)</i>	
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
1. Kancheepuram	20	184	11906
2. Thiruvallur	17	189	22839
3. Cuddalore	270	1058	37727
4. Villupuram	196	845	24300
5. Vellore	604	1067	14785
6. Tiruvannamalai	144	119	1657
7. Salem	78	233	11870
8. Namakkal	3	75	5828
9. Dharmapuri	85	187	1669
10. Krishnagiri	109	137	12759
11. Coimbatore	27	245	18374
12. Tiruppur	18	364	14471
13. Erode	10	690	8517
14. Tiruchirappalli	135	494	8000
15. Karur	23	226	2997
16. Perambalur	1	3	3736
17. Ariyalur	3	44	8799
18. Pudukkottai	28	78	15021
19. Thanjavur	25	638	51000
20. Thiruvarur	13	612	13459
21. Nagapattinam	9	548	16477
22. Madurai	80	170	725
23. Theni	107	226	4366
24. Dindigul	28	143	3830
25. Ramanathapuram	0	0	317
26. Virudhunagar	0	0	76
27. Sivaganga	19	20	1664
28. Tirunelveli	129	532	1499
29. Thoothukkudi	4	78	665
30. The Nilgiris	1	2	0
31. Kanniyakumari	53	540	1374
STATE	2239	9747	320707

5.1 SOURCES OF WATER SUPPLY 2012-13 (Concl'd.)

(in Numbers)

<i>District</i>	<i>Open Wells</i>	<i>Wells used for Domestic Purpose only</i>	<i>Reservoirs</i>	<i>Tanks</i>
<i>1</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>
1. Kancheepuram	54558	48126	0	1942
2. Thiruvallur	6690	63342	0	1895
3. Cuddalore	10309	21129	1	592
4. Villupuram	144707	41752	3	2085
5. Vellore	94943	56525	3	1355
6. Tiruvannamalai	171237	20136	1	1966
7. Salem	103969	28842	3	546
8. Namakkal	71388	8913	0	259
9. Dharmapuri	84374	16367	7	1015
10. Krishnagiri	44597	7401	4	1327
11. Coimbatore	49637	6596	7	48
12. Tiruppur	79291	10290	5	42
13. Erode	75224	20770	7	698
14. Tiruchirappalli	73278	8016	1	1767
15. Karur	44682	7678	0	266
16. Perambalur	33849	7181	1	252
17. Ariyalur	6098	3113	1	564
18. Pudukkottai	14929	5602	0	5451
19. Thanjavur	1879	31229	0	428
20. Thiruvallur	46	7336	0	0
21. Nagapattinam	4018	44312	0	0
22. Madurai	46766	61234	2	2289
23. Theni	24538	6411	3	150
24. Dindigul	91801	15473	8	3104
25. Ramanathapuram	7500	15830	0	1694
26. Virudhunagar	35153	10042	6	997
27. Sivaganga	15204	30652	0	4966
28. Tirunelveli	76746	24829	13	2155
29. Thoothukkudi	22114	9351	0	651
30. The Nilgiris	781	968	0	0
31. Kanniyakumari	2053	26406	5	2623
STATE	1492359	665852	81	41127

Source: Department of Economics and Statistics, Chennai-600 006

5.2 SOURCE-WISE NET AREA IRRIGATED BY DISTRICTS 2012-13

(in Hectares)

<i>District</i>	<i>Source</i>		
	<i>Canals</i>	<i>Tanks</i>	<i>Tube Wells & Other Wells</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
1. Kancheepuram	183	51892	61185
2. Thiruvallur	588	20318	77903
3. Cuddalore	46275	4664	128811
4. Villupuram	1990	51318	95410
5. Vellore	10	881	13993
6. Tiruvannamalai	331	25552	26795
7. Salem	392	0	14747
8. Namakkal	2510	74	9546
9. Dharmapuri	353	1134	2020
10. Krishnagiri	996	7107	21006
11. Coimbatore	16439	0	36656
12. Tiruppur	19286	1005	33668
13. Erode	8685	71	37517
14. Tiruchirappalli	28683	641	36314
15. Karur	12264	39	19469
16. Perambalur	0	2258	4907
17. Ariyalur	3095	1934	23815
18. Pudukkottai	2687	66765	98402
19. Thanjavur	130676	21	166621
20. Thiruvallur	144985	0	144985
21. Nagapattinam	118077	0	118077
22. Madurai	5502	7157	13103
23. Theni	9049	1440	19437
24. Dindigul	2345	6906	13307
25. Ramanathapuram	0	51863	53357
26. Virudhunagar	0	18266	18462
27. Sivaganga	0	50111	53192
28. Tirunelveli	15172	29922	45940
29. Thoothukkudi	9677	3918	14305
30. The Nilgiris	0	0	0
31. Kanniyakumari	9800	14901	27387
STATE	590050	420158	1430337

5.2 SOURCE-WISE NET AREA IRRIGATED BY DISTRICTS 2012-13 (Concld.)

(in Hectares)

District	Source		Total
	Open Wells	Other Sources	
1	5	6	7
1. Kancheepuram	36735	0	97920
2. Thiruvallur	12530	0	90433
3. Cuddalore	8955	570	138336
4. Villupuram	132264	0	227674
5. Vellore	70349	0	84342
6. Tiruvannamalai	112826	0	139621
7. Salem	92495	0	107242
8. Namakkal	51175	3444	64165
9. Dharmapuri	51094	0	53114
10. Krishnagiri	29521	0	50527
11. Coimbatore	77732	335	114723
12. Tiruppur	63314	0	96982
13. Erode	72643	313	110473
14. Tiruchirappalli	41818	0	78132
15. Karur	25915	0	45384
16. Perambalur	21684	0	26591
17. Ariyalur	3280	0	27095
18. Pudukkottai	5224	0	103626
19. Thanjavur	499	0	167120
20. Thiruvarur	0	0	144985
21. Nagapattinam	0	777	118854
22. Madurai	32121	0	45224
23. Theni	45489	0	64926
24. Dindigul	97220	954	111481
25. Ramanathapuram	10688	0	64045
26. Virudhunagar	28543	0	47005
27. Sivaganga	22383	0	75575
28. Tirunelveli	41948	0	87888
29. Thoothukkudi	15316	108	29729
30. The Nilgiris	373	12	385
31. Kanniyakumari	1671	45	29103
STATE	1205805	6558	2642700

Source: Department of Economics and Statistics, Chennai-600 006

5.3 AREA SOWN AND IRRIGATED BY DISTRICTS 2012-13

(in Hectares)

<i>District</i>	<i>Net Area Irrigated</i>	<i>Net Area Sown</i>	<i>Percentage of Col.2 to Col.3</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
1. Kancheepuram	97920	104784	93.45
2. Thiruvallur	90433	104899	86.21
3. Cuddalore	138336	206392	67.03
4. Villupuram	227674	317038	71.81
5. Vellore	84342	168733	49.99
6. Tiruvannamalai	139621	184718	75.59
7. Salem	107242	208274	51.49
8. Namakkal	64165	147833	43.40
9. Dharmapuri	53114	145253	36.57
10. Krishnagiri	50527	184607	27.37
11. Coimbatore	114723	168769	67.98
12. Tiruppur	96982	157671	61.51
13. Erode	110473	168933	65.39
14. Tiruchirappalli	78132	141282	55.30
15. Karur	45384	73254	61.95
16. Perambalur	26591	97364	27.31
17. Ariyalur	27095	92621	29.25
18. Pudukkottai	103626	137458	75.39
19. Thanjavur	167120	186612	89.55
20. Thiruvarur	144985	150170	96.55
21. Nagapattinam	118854	150254	79.10
22. Madurai	45224	85735	52.75
23. Theni	64926	106726	60.83
24. Dindigul	111481	210907	52.86
25. Ramanathapuram	64045	171578	37.33
26. Virudhunagar	47005	114172	41.17
27. Sivaganga	75575	102711	73.58
28. Tirunelveli	87888	128052	68.63
29. Thoothukkudi	29729	176489	16.84
30. The Nilgiris	385	74870	0.51
31. Kanniyakumari	29103	76081	38.25
STATE	2642700	4544240	58.15

5.3 AREA SOWN AND IRRIGATED BY DISTRICTS 2012-13 (Concl'd.)

(in Hectares)

<i>District</i>	<i>Gross Area Irrigated</i>	<i>Gross Area Sown</i>	<i>Percentage of Col. 5 to Col. 6</i>
<i>1</i>	<i>5</i>	<i>6</i>	<i>7</i>
1. Kancheepuram	105727	112865	93.68
2. Thiruvallur	115855	131173	88.32
3. Cuddalore	166555	274675	60.64
4. Villupuram	243434	335520	72.55
5. Vellore	100751	191618	52.58
6. Tiruvannamalai	185573	233577	79.45
7. Salem	138412	280312	49.38
8. Namakkal	80725	182253	44.29
9. Dharmapuri	69485	179635	38.68
10. Krishnagiri	63113	219200	28.79
11. Coimbatore	117979	173024	68.19
12. Tiruppur	97176	157889	61.55
13. Erode	113895	172916	65.87
14. Tiruchirappalli	84597	149065	56.75
15. Karur	45888	73914	62.08
16. Perambalur	28744	102488	28.05
17. Ariyalur	30159	96580	31.23
18. Pudukkottai	106122	141006	75.26
19. Thanjavur	206863	234797	88.10
20. Thiruvarur	170759	196198	87.03
21. Nagapattinam	134303	221124	60.74
22. Madurai	45937	86468	53.13
23. Theni	72937	114917	63.47
24. Dindigul	113913	214310	53.15
25. Ramanathapuram	64045	171578	37.33
26. Virudhunagar	50445	117769	42.83
27. Sivaganga	75606	103020	73.39
28. Tirunelveli	96192	136984	70.22
29. Thoothukkudi	30890	177650	17.39
30. The Nilgiris	385	74870	0.51
31. Kanniyakumari	34994	82437	42.45
STATE	2991459	5139832	58.20

Source: Department of Economics and Statistics, Chennai-6

5.4 PRINCIPAL CROP-WISE AREA IRRIGATED 2012-13

<i>Crop</i>	<i>Area (in Hectares)</i>		<i>%</i>
	<i>Area Irrigated</i>	<i>Total Area</i>	
Paddy	1376436	1493276	92.18
Cholam (Jowar)	29132	210893	13.81
Cumbu (Bajra)	6165	42928	14.36
Ragi	11087	70294	15.77
Sugarcane	348269	348379	99.97
Cotton	33464	133215	25.12
Ground nut	135026	339361	39.79
Other Crops	10,51,880	25,01,486	42.05

Source: Department of Economics and Statistics, Chennai-6

**5.5 WATER LEVEL AND RELEASE OF WATER IN
CERTAIN RESERVOIRS FOR THE YEAR 2012-13**

Name of the Reservoir	Full Reservoir Depth in		Capacity @ F.R.L in M.Cum	Capacity @ F.R.L in M.cft
	Metres	Feet		
1	2	3	4	5
1. Mettur	36.58	120.00	2647	93470
2. Bhavanisagar	32.00	105.00	929	32800
3. Amaravathy	27.43	90.00	115	4047
4. Periyar	46.33	152.00	299	10570
5. Vaigai	21.64	71.00	172	6091
6. Papanasam	43.59	143.00	156	5500
7. Manimuthar	35.97	118.00	156	5511
8. Pechiparai	14.63	48.00	126	4450
9. Perunchani	23.47	77.00	82	2890
10. Krishnagiri	15.85	52.00	47	1666
11. Sathanur	36.27	119.00	207	7321
12. Poondi	10.66	35.00	91	3231
13. Sholayar	48.77	160.00	143	5052
14. Parambikulam	21.95	72.00	380	13408
15. Aliyar	36.58	120.00	109	3864
16. Thirumoorthy	18.29	60.00	49	1744

Name of Reservoir	Highest Level Reached		Lowest Level Reached		Total Water Released in TMC
	Metres	Date	Metres	Date	
1	6	7	8	9	10
1. Mettur	35.36	06.06.11	23.55	27.04.12	244.713
2. Bhavanisagar	27.13	03.12.11	14.55	01.05.12	57.113
3. Amaravathy	27.41	14.12.11	4.80	29.04.12	11.599
4. Periyar	41.64	02.12.11	33.44	21.03.12	22.682
5. Vaigai	21.52	06.08.11	12.70	25.07.11	27.213
6. Papanasam	42.64	06.12.11	6.10	14.10.11	22.355
7. Manimuthar	30.07	22.12.11	9.39	14.10.11	3.455
8. Pechiparai	14.03	18.06.11	2.68	11.03.12	14.918
9. Perunchani	20.68	20.12.11	8.78	10.04.12	5.586
10. Krishnagiri	15.62	12.10.11	10.13	24.04.12	6.972
11. Sathanur	36.33	29.01.12	23.77	31.05.12	5.735
12. Poondi	10.62	12.01.12	8.30	30.06.11	8.823
13. Sholayar	51.13	30.08.11	6.51	04.03.12	21.722
14. Parambikulam	21.95	26.09.11	13.12	31.05.12	25.068
15. Aliyar	36.58	04.09.11	29.70	31.05.12	10.375
16. Thirumoorthy	17.92	10.12.11	6.47	31.05.12	11.824

Source: The Chief Engineer (Operation & Maintenance I.S.W.), Chennai – 5