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5. IRRIGATION.**5.1 SOURCES OF WATER SUPPLY 2022-23 (In Numbers)**

<i>Districts</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.	Chennai	0	0	155
2.	Kancheepuram	10	140	7003
3.	Chengalpattu	10	44	5476
4.	Thiruvallur	17	189	27380
5.	Cuddalore	270	1058	37998
6.	Viluppuram	122	369	21503
7.	Kallakurichi	74	476	2776
8.	Vellore	231	453	4316
9.	Ranipet	189	346	8074
10.	Tirupathur	184	268	3275
11.	Tiruvannamalai	144	119	5426
12.	Salem	81	244	20684
13.	Namakkal	3	75	16747
14.	Dharmapuri	85	187	2125
15.	Krishnagiri	109	137	19049
16.	Coimbatore	27	245	21381
17.	Tiruppur	16	353	18980
18.	Erode	10	690	10235
19.	Tiruchirappalli	135	494	9360
20.	Karur	23	226	5913
21.	Perambalur	1	3	3564
22.	Ariyalur	3	44	14122
23.	Pudukkottai	28	78	26472
24.	Thanjavur	25	638	52315
25.	Thiruvannamalai	12	612	12416
26.	Nagapattinam	4	295	846
27.	Mayiladuthurai	5	253	21284
28.	Madurai	80	170	979
29.	Theni	107	226	5801
30.	Dindigul	28	143	19699
31.	Ramanathapuram	0	0	1121
32.	Virudhunagar	0	0	98
33.	Sivagangai	19	20	4341
34.	Tirunelveli	20	308	1776
35.	Tenkasi	109	224	788
36.	Thoothukudi	4	78	1097
37.	The Nilgiris	1	2	0
38.	Kanniyakumari	53	540	1982
	STATE	2240	9747	417557

5.1 SOURCES OF WATER SUPPLY 2022-23 (Contd.) (In Numbers)

<i>Districts</i>		<i>Open Wells</i>	<i>Wells used for Domestic Purposes only</i>	<i>Tanks</i>	<i>Reservoirs</i>
<i>1</i>		<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>
1.	Chennai	84	40801	91	0
2.	Kancheepuram	14407	8108	749	1
3.	Chengalpattu	34978	30513	1130	0
4.	Thiruvallur	6554	32668	1867	3
5.	Cuddalore	10128	21119	592	2
6.	Viluppuram	81980	26405	1359	1
7.	Kallakurichi	59724	14605	726	2
8.	Vellore	35080	16607	341	2
9.	Ranipet	35406	19444	618	2
10.	Tirupathur	24034	15836	396	1
11.	Tiruvannamalai	180924	23335	1966	4
12.	Salem	105204	27541	546	3
13.	Namakkal	70137	12569	259	0
14.	Dharmapuri	84196	17374	1015	7
15.	Krishnagiri	40236	8915	1327	4
16.	Coimbatore	49763	6669	48	4
17.	Tiruppur	79175	10839	43	5
18.	Erode	75070	25493	698	5
19.	Tiruchirappalli	69140	10021	1767	1
20.	Karur	38805	8650	266	2
21.	Perambalur	33696	8196	252	0
22.	Ariyalur	2306	4776	564	1
23.	Pudukkottai	18986	18776	5451	0
24.	Thanjavur	1051	31161	428	0
25.	Thiruvarur	23	6042	0	0
26.	Nagapattinam	4018	19791	0	0
27.	Mayiladuthurai	0	29966	0	0
28.	Madurai	45372	82592	2288	1
29.	Theni	24543	8831	150	4
30.	Dindigul	87528	35474	3104	8
31.	Ramanathapuram	7171	16509	1694	0
32.	Virudhunagar	35151	10196	997	8
33.	Sivagangai	12214	33165	4960	0
34.	Tirunelveli	26597	7551	1152	5
35.	Tenkasi	51837	18128	1003	5
36.	Thoothukudi	21411	8466	653	0
37.	The Nilgiris	853	1131	0	0
38.	Kanniyakumari	2043	30279	2623	6
	STATE	1469825	748542	41123	87

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

5.2 SOURCE-WISE NET AREA IRRIGATED BY DISTRICTS 2022-23

(In Hectares)

<i>Districts</i>		<i>Source</i>		
		<i>Canals (Area in ha.)</i>	<i>Tanks (Area in ha.)</i>	<i>Tube Wells & Bore Wells (Area in ha.)</i>
<i>1</i>		<i>2</i>	<i>3</i>	<i>4</i>
1.	Chennai	0	41	234
2.	Kancheepuram	11	25330	6784
3.	Chengalpattu	301	37993	4397
4.	Thiruvallur	8	5170	74217
5.	Cuddalore	43418	1263	84211
6.	Viluppuram	655	15735	30290
7.	Kallakurichi	340	15481	4409
8.	Vellore	0	0	2091
9.	Ranipet	0	1974	8926
10.	Tirupathur	0	0	5133
11.	Tiruvannamalai	130	14206	2129
12.	Salem	2122	0	17252
13.	Namakkal	8294	0	11019
14.	Dharmapuri	0	0	0
15.	Krishnagiri	563	7982	30855
16.	Coimbatore	16954	190	36754
17.	Tiruppur	29981	1378	14721
18.	Erode	48587	0	15393
19.	Tiruchirappalli	32284	3082	11150
20.	Karur	7751	0	13221
21.	Perambalur	0	0	2664
22.	Ariyalur	3322	1926	33528
23.	Pudukkottai	1029	57410	46230
24.	Thanjavur	159941	0	34131
25.	Thiruvallur	148465	0	0
26.	Nagapattinam	52056	0	0
27.	Mayiladuthurai	68322	0	0
28.	Madurai	11133	18087	3056
29.	Theni	9568	2631	16621
30.	Dindigul	5186	4522	16997
31.	Ramanathapuram	0	53142	971
32.	Virudhunagar	0	22958	290
33.	Sivagangai	7	54603	7892
34.	Tirunelveli	10347	15647	1303
35.	Tenkasi	4798	21002	461
36.	Thoothukudi	9643	7466	1417
37.	The Nilgiris	0	0	0
38.	Kanniyakumari	7952	10348	3011
STATE		683168	399567	541758

5.2 SOURCE-WISE NET AREA IRRIGATED BY DISTRICTS 2022-23 (Contd.)

(In Hectares)

Districts		Source		
		Open Wells (Area in	Other Sources (Area in ha.)	Total (in ha.)
1		5	6	7
1.	Chennai	1	0	276
2.	Kancheepuram	6646	0	38771
3.	Chengalpattu	22907	0	65598
4.	Thiruvallur	5991	0	85386
5.	Cuddalore	8174	237	137303
6.	Viluppuram	87420	0	134100
7.	Kallakurichi	85008	409	105647
8.	Vellore	19358	0	21449
9.	Ranipet	30795	0	41695
10.	Tirupathur	24626	0	29759
11.	Tiruvannamalai	170347	0	186812
12.	Salem	98161	0	117535
13.	Namakkal	46200	1552	67065
14.	Dharmapuri	60622	0	60622
15.	Krishnagiri	35675	0	75075
16.	Coimbatore	65782	0	119680
17.	Tiruppur	85717	0	131797
18.	Erode	54049	0	118029
19.	Tiruchirannalli	40542	0	87058
20.	Karur	26521	0	47493
21.	Perambalur	23995	0	26659
22.	Ariyalur	1144	0	39920
23.	Pudukkottai	13059	0	117728
24.	Thanjavur	1081	0	195153
25.	Thiruvarur	0	0	148465
26.	Nagapattinam	0	808	52864
27.	Mayiladuthurai	0	0	68322
28.	Madurai	44937	0	77213
29.	Theni	30308	0	59128
30.	Dindigul	67874	1483	96062
31.	Ramanathapuram	10282	0	64395
32.	Virudhunagar	30297	0	53545
33.	Sivagangai	14635	0	77137
34.	Tirunelveli	20609	0	47906
35.	Tenkasi	35196	0	61457
36.	Thoothukudi	16044	0	34570
37.	The Nilgiris	5082	85	5167
38.	Kanniyakumari	3161	0	24472
STATE		1292246	4574	2921313

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

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5.3 AREA SOWN AND IRRIGATED BY DISTRICTS 2022-23 (In Hectares)

<i>Districts</i>		<i>GROSS Area Irrigated(in ha.)</i>	<i>GROSS Area Sown (in ha.)</i>	<i>Percentage of Col.2 to Col.3</i>
<i>1</i>		<i>2</i>	<i>3</i>	<i>4</i>
1.	Chennai	298	394	75.63
2.	Kancheepuram	59236	59245	99.98
3.	Chengalpattu	83706	83718	99.99
4.	Thiruvallur	148327	149890	98.96
5.	Cuddalore	193928	313556	61.85
6.	Viluppuram	172413	233062	73.98
7.	Kallakurichi	145349	213243	68.16
8.	Vellore	30934	64759	47.77
9.	Ranipet	58145	69425	83.75
10.	Tirupathur	36351	79947	45.47
11.	Tiruvannamalai	279586	339783	82.28
12.	Salem	171189	313492	54.61
13.	Namakkal	97661	211846	46.10
14.	Dharmapuri	103477	250373	41.33
15.	Krishnagiri	98775	241182	40.95
16.	Coimbatore	124311	175068	71.01
17.	Tiruppur	134338	191256	70.24
18.	Erode	133874	176699	75.76
19.	Tiruchirappalli	105584	184092	57.35
20.	Karur	50464	83736	60.27
21.	Perambalur	33226	110297	30.12
22.	Ariyalur	52373	118740	44.11
23.	Pudukkottai	127969	151835	84.28
24.	Thanjavur	317226	337083	94.11
25.	Thiruvarur	244398	317395	77.00
26.	Nagapattinam	73715	131688	55.98
27.	Mayiladuthurai	115946	168315	68.89
28.	Madurai	91787	143476	63.97
29.	Theni	68085	116051	58.67
30.	Dindigul	100042	226987	44.07
31.	Ramanathapuram	67337	189087	35.61
32.	Virudhunagar	60399	144448	41.81
33.	Sivagangai	77571	110452	70.23
34.	Tirunelveli	56762	69923	81.18
35.	Tenkasi	71960	121621	59.17
36.	Thoothukudi	36594	213903	17.11
37.	The Nilgiris	8634	75940	11.37
38.	Kanniyakumari	29644	78512	37.76
STATE TOTAL		3861614	6260519	61.68

5.3 AREA SOWN AND IRRIGATED BY DISTRICTS 2022-23 (Contd.)

(In Hectares)			
<i>Districts</i>	<i>Net Area Irrigated</i>	<i>Net 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. Chennai	276	372	74.19
2. Kancheepuram	38771	38780	99.98
3. Chengalpattu	65609	65609	100.00
4. Thiruvallur	85386	86949	98.20
5. Cuddalore	137303	208704	65.79
6. Viluppuram	134100	181853	73.74
7. Kallakurichi	105647	151350	69.80
8. Vellore	21449	50142	42.78
9. Ranipet	41695	52970	78.71
10. Tirupathur	29759	65130	45.69
11. Tiruvannamalai	186812	234487	79.67
12. Salem	117535	213297	55.10
13. Namakkal	67065	149803	44.77
14. Dharmapuri	60622	164975	36.75
15. Krishnagiri	75075	166072	45.21
16. Coimbatore	119680	165117	72.48
17. Tiruppur	131797	187100	70.44
18. Erode	118029	158878	74.29
19. Tiruchirappalli	87058	160527	54.23
20. Karur	47493	79434	59.79
21. Perambalur	26659	102843	25.92
22. Ariyalur	39920	98989	40.33
23. Pudukkottai	117728	139707	84.27
24. Thanjavur	195153	201567	96.82
25. Thiruvavarur	148465	155802	95.29
26. Nagapattinam	52864	75091	70.40
27. Mayiladuthurai	68322	72899	93.72
28. Madurai	77213	128754	59.97
29. Theni	59128	105837	55.87
30. Dindigul	96062	219187	43.83
31. Ramanathapuram	64395	182516	35.28
32. Virudhunagar	53545	136990	39.09
33. Sivagangai	77137	109719	70.30
34. Tirunelveli	47906	59805	80.10
35. Tenkasi	61457	110850	55.44
36. Thoothukudi	34570	210758	16.40
37. The Nilgiris	5167	72266	7.15
38. Kanniyakumari	24472	72670	33.68
STATE	2921324	4837799	60.39

Source: Department of Economics and Statistics, Chennai-6

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5.4 PRINCIPAL CROP-WISE AREA IRRIGATED 2022-23

<i>Crop</i>	<i>Area (in Hectares)</i>		<i>%</i>
	<i>Area Irrigated</i>	<i>Total Area</i>	
Paddy	2025286	2158898	93.81
Cholam (Jowar)	37515	360175	10.42
Cumbu (Bajra)	8728	45088	19.36
Ragi	15682	69600	22.53
Sugarcane	158977	158977	100.00
Cotton	68442	173270	39.50
Ground nut	147577	351084	42.03
Other Crops	1399407	2943427	47.54

Source: Department of Economics and Statistics, Chennai-6

5.5 WATER LEVEL AND RELEASE OF WATER IN CERTAIN RESERVOIRS FOR THE YEAR 2022-23

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	43.29	142.00	217	7666
5. Vaigai	21.64	71.00	172	6091
6. Papanasam	43.60	143.00	156	5500
7. Manimuthar	35.97	118.00	156	5511
8. Pechiparai	14.63	48.00	123	4350
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	10.67	35.00	92	3231
13. Sholayar	48.77	160.00	143	5046
14. Parambikulam	21.95	72.00	380	13408
15. Aliyar	36.58	120.00	109	3864
16. Thirumoothy	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	36.83	17.07.2022	29.87	11.07.2022	710.717
2. Bhavanisagar	31.99	23.12.2022	24.44	03.05.2022	84.710
3. Amaravathy	27.37	29.12.2022	15.78	17.03.2023	23.065
4. Periyar	43.28	27.12.2022	35.50	31.03.2023	27.490
5. Vaigai	21.64	23.10.2022	15.30	12.01.2023	30.400
6. Papanasam	32.87	13.08.2022	6.52	31.03.2023	23.476
7. Manimuthar	24.48	10.01.2023	21.55	17.10.2022	4.403
8. Pechiparai	13.91	06.09.2022	10.53	23.03.2023	4.730
9. Perunchani	22.52	16.12.2022	5.36	01.04.2022	7.520
10. Krishnagiri	15.85	25.12.2022	12.80	17.04.2022	44.820
11. Sathanur	36.24	03.01.2023	23.74	18.05.2022	46.760
12. Poondi	10.67	30.12.2022	6.92	19.09.2022	16.870
13. Sholayar	49.76	04.08.2022	3.35	14.03.2023	25.530
14. Parambikulam	21.81	20.09.2022	5.89	31.03.2023	40.720
15. Aliyar	36.48	17.12.2022	17.80	31.03.2023	13.890
16. Thirumoothy	16.45	21.10.2022	8.13	09.05.2022	17.810

Source: The Chief Engineer, W.R.D. PWD, (Operation & Maintenances), Chennai – 5

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