

4. IRRIGATION

4.1 SOURCES OF WATER SUPPLY –TALUK WISE

Sl. No.	Name of the Taluk	Canals	Length (Km.)	Wells used for irrigation purpose only	Industrial Purpose	Wells used for Domestic Purpose only
		Numbers				
1	Erode	3	171	23044	124	6849
2	Perundurai	1	43	13246	-	2518
3	Gobichettipalayam	2	381	18124	25	3625
4	Sathiyamangalam	1	29.0	12993	148	2861
5	Bhavani	2	66	16572	25	4304
	District Total	9	690	83979	198	20157

Source: Asst. Director of Statistics, Erode.(G-Return_Fasli-1419).

4.2 ACTUAL AREA IRRIGATED BY SOURCE FASLI YEAR 1419

Area in Hectars

Source	Number	Area Irrigated
I.Surface Water:		
1. Canals		
i) Government Canals	9	82559
ii) Private Canals	-	--
2. Tanks		
i) Large	17	7
ii) Small	681	60
3. Flow Irrigation		
i) Major & Medium	-	-
ii) Minor	-	-
4. Lift Irrigation:		
i) Major & Medium	-	-
ii) Minor	-	-
5. Ponds		
i) Lift Irrigation	-	-
ii) Minor	-	-
6. Other Sources:		
i) Lift Irrigation	-	-
ii) Flow Irrigation	-	1209

II Ground Water:		
1. Tube Wells	--	--
2. Bore Wells	6691	17515
3. Dug Bore Wells	1077	629
4. Dug Open Wells	72447	54101
5. I) Electronic Pumpsets	76360	68460
ii) Diesel Pumpsets	3850	3946
	80200	72406

Source: Assistant Director of Statistics, Erode. ('G' Return Fasli 1419)

4.3 AREA IRRIGATED BY CROPS

(By all Sources)

Sl.No.	Crop	Area (in Hect.)
1.	Paddy	38064
2.	Jowar	24
3.	Bajra	29
4.	Ragi	16
5.	Maize	8551
6.	Redgram	90
7.	Blackgram	477
8.	Greengram	153
9.	Other Pulses	228
10.	Arecanut	215
11.	Chillies	323
12.	Turmeric	9854
13.	Sugarcane	34597
14.	Banana	10891
15.	Mango	815
16.	Orange	31
17.	Lemon	48
18.	Nelli	304
19.	Onion	1631
20.	Tomato	295

21.	Drum stick	14
22.	Cotton	1421
23.	Groundnut	4381
24.	Gingelly	9799
25.	Coconut	10468
26.	Sunflower	274
27.	Tobacco	3574
28.	Fodder Crops	8241
29.	Flowers	1437

Source: Assistant Director of Statistics, Erode. ('G' Return Fasli 1419)

4.4 DETAILS OF DAMS

Sl. No.	Name of the Dam/ Block	Dams				Length of canals In Km.
		Catchment area (Sq/Km)	Water spread area	Height (Ft)	Capacity (M.C.Ft)	
1.	Noyal Orathupalayam	2245.53	423	46	616	N.A
2.	Bhavani sagar Dam	1621.5	30	105	32800	
3.	Anthiyur Varattupalayam	66.80	--	33.4	139.60	

Source: G Return Fasli 1419