



VII.4. Land Holding and Water Resources

TABLE VII.4.1: Operational Holdings in Tamil Nadu

| Size of Holding (ha) | Total Holdings | | Average Size of Holding (ha) |
|----------------------|----------------|----------------|------------------------------|
| | Number ('000) | Area ('000 ha) | |
| Marginal | 6,266.6 | 2,291.7 | 0.37 |
| Small | 1,181.3 | 1,643.7 | 1.39 |
| Semi-medium | 502.3 | 1,355.5 | 2.70 |
| Medium | 150.6 | 847.8 | 5.63 |
| Large | 17.4 | 349.7 | 20.13 |
| All Classes | 8,118.2 | 6,488.4 | 0.80 |

SOURCE: Agricultural Census Database, 2010-11, Ministry of Agriculture, Govt. of India.

TABLE VII.4.2: Net Irrigated Area under Different Sources of Irrigation

(‘000 ha)

| Particulars | 1997-98 | 2000-01 | 2003-04 | 2005-06 | 2007-08 | 2008-09 | 2010-11 | 2011-12 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Gross Sown Area | 6,558 | 6,338 | 5,316 | 6,033 | 5,815 | 5,824 | 5,753 | 5,890 |
| Net Sown Area | 5,486 | 5,303 | 4,689 | 5,244 | 5,062 | 5,043 | 4,954 | 4,986 |
| Net Irrigated Area | 2,945 | 2,888 | 2,148 | 2,920 | 2,864 | 2,931 | 2,912 | 2,964 |
| Sources (net irrigated area) ('000 ha) | | | | | | | | |
| Canals | 838 | 833 | 449 | 800 | 753 | 766 | 747 | 746 |
| Tanks | 675 | 589 | 385 | 575 | 506 | 540 | 533 | 528 |
| Wells and Tube Wells | 1,413 | 1,449 | 1,298 | 1,536 | 1,593 | 1,614 | 1,622 | 1,683 |
| Other Sources | 19 | 16 | 15 | 7 | 11 | 11 | 9 | 7 |

SOURCE: Directorate of Economics and Statistics, Ministry of Agriculture, Govt. of India.

TABLE VII.4.3: Major River Basins of Tamil Nadu

| Rivers | Origin | Length (km) | Catchment Area (sq km) | States Falling in the Catchment Area |
|---------|-------------------|-------------|------------------------|---|
| Cauvery | Coorg (Karnataka) | 800 | 81,155 | Tamil Nadu, Karnataka, Kerala and Pondicherry |

SOURCE: Hydrology and Water Resources Information System for India, National Institute of Hydrology, Roorkee.





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TABLE VII.4.4: Medium River Basins of Tamil Nadu – West-Flowing Rivers with Catchment Area

| Name of River | Village/District (<i>origin</i>) | Length (<i>km</i>) | Catchment Area (<i>sq km</i>) |
|----------------------------------|------------------------------------|----------------------|---------------------------------|
| Bharathapuzha (known as Ponnani) | Annamalai Hills | 209 | 6,186 |
| Kortalaiyar | Chinglepet | 131 | 3,521 |
| Varahandi | Vellore | 94 | 3,044 |
| Vellar | Chithri Hills | 193 | 8,558 |
| Vaigai | Madurai | 258 | 7,031 |
| Pambar | Madurai | 125 | 3,104 |
| Gundar | Madurai | 146 | 5,647 |
| Vaippar | Tirunelveli | 130 | 5,288 |
| Tambraparni | Tirunelveli | 130 | 5,969 |

SOURCE: Hydrology and Water Resources Information System for India, National Institute of Hydrology, Roorkee. http://www.nih.ernet.in/rbis/india_information/states_basins.htm assessed on 10th July, 2014.

