LIST OF TABLES

Sr. No.	Table No.	Title	Page No.
1	1.1	Phaltan Tahsil : Area Profile (2001)	7
2	1.2	Phaltan Tahsil : Revenue Circles & Villages as per code number	9,10
3	2.1	Phaltan Rainfall Station : Month wise rainfall distribution (2005)	26
4	2.2	Phaltan Rainfall Station : Seasonal rainfall distribution (2005)	26
5	2.3	Phaltan Tahsil : Area under different sources of irrigation (1984-85 & 2004-05)	33
6	2.4	Phaltan Tahsil : Land use pattern (1984-85 & 2004-05)	34
7	2.5	Phaltan Tahsil : Decadal Growth of population (1961-2001)	39
8	3.1	Runoff coefficients of various surfaces	52
9	3.2	Roof rainwater harvesting in rural water scenario (2006)	54
10	3.3	Roof rainwater harvesting in urban water scenario (Phaltan city) in 2006	56
11	3.4	Phalatn Tahsil : Farm ponds	59
12	3.5	Phaltan Tahsil : Decadal growth & Impact of check (cement) dams.	62
13	3.6	Phaltan Tahsil : Percolation tanks	65
14	3.7	Phaltan Tahsil : Decadal growth & impact of contour bunds	68

i

1

15	3.8	Phaltan Tahsil : Roof water harvesting (2006)	71
16	3.9	Phaltan Tahsil : Surface water harvesting (2006)	71
17	4.1	Dhaval Percolation Tank command Area : changes in cropping pattern (1980-81 & 2004-05)	86
18	4.2	Dhaval Percolation Tank : Distribution of sampled farmers according to percentage of size of holdings	88
19	4.3	Dhaval Percolation Tank : Area irrigated	88
20	4.4	Dhaval Percolation Tank : Area under cash crops	90
21	4.5	Dhaval Percolation Tank : Agricultural Implements	90
22	4.6	Dhaval Percolation Tank : Annual Incomes (in Rs.)	90
23	5.1	Phaltan Tahsil : Water Harvesting Priority Zones	97
24	5.2	Plan for surface rainwater harvesting through contour bonds techniques	101
25	5.3	Surface Water Harvesting Potential in study region.	106
26	5.4	Collection of Annual Rain water harvesting potential in liters based on rainfall variation.	110
27	5.5	Demand of liters per person per day	111
28	5.6	Size of the storage tank - based on Demand and water harvesting potential	111
29	5.7	Phaltan city: Per day demand and supply gap of drinking and domestic water in (2005)	114
30	5.8	Annual Rainwater Harvesting Potential (ARWHP) in Sanjivrajenagar suburban Area of Phaltan City (2006)	118
31	5.9	Approximate cost of common items for work in water harvesting	119
32	5.10	Phaltan Tahsil: Rooftop Rainwater Harvesting Potential in Selected Rural Settlements.	123
L	1		I

ii