LIST OF FIGURES

		•	Page	
CHAPTER-	Ī	•		
Figure	1.1	The study region : Drought prone area of		
CHAPTER-	T T	Sangli district	6	
	$\frac{11}{2}$.1	Physiography	11	
	2.2	Slope analysis	13	
	2.3	Drainage	18	
	2.4	Watersheds	18	
	2.5	Ground water balance (Watershed wise)	19	
	2.6	Soils	20	
	2.7	Mean monthly temperature at Miraj	23	
	2.8	Raingauge stations	23	
	2.9	Distribution of rainfall	26	
	2.10	Isolines for the number of years with		
		rainfall less than 500 mm.	26	
	2.11	Trends in rainfall	29	
	2.12	Departure of rainfall from mean		
		(Kharif and Rabı season)	34	
·	2.13	Average monthly rainfall	34	
	2.14	Trends in average monthly rainfall	36	
	2.15	Density of population	42	
	2.16	Occupational structure	42	
CHAPTER-III				
		Water balance of Miraj	53	
	3.2	Water balance drought prone area of		
		Sangli	54	

List of Figures cont..

		Page
3.3	Water balance parametres	55
3.4	Identification of drought intensity	
	zones	62
3.5	Identification of drought intensity	
	zones	66
CHAPTER-IV	t ·	٤
4.1	Area under different crops >	74
4.2	Crop combination analysis	78
4.3	Correlation water balance parametres	
	and crop yields	83
4.3	Correlation water balance parametres	
	and crop yields	84
CHAPTER-V .		1 ,
5.1	Location map of selected villages	96