

# Report on Demarcation of Priority Micro-watersheds in Chambal RVP catchment between Gandhi Sagar Dam and Kota Barrage, Rajasthan and Madhya Pradesh

## ABSTRACT

- **Survey area** : Chambal RVP catchment between Gandhi Sagar Dam and Kota Barrage, Chittorgarh, Kota, Bhilwara and Bundi districts of Rajasthan and Neemuch district of Madhya Pradesh
- **Location** : 74<sup>0</sup> 46' to 75<sup>0</sup> 46' East Longitudes  
24<sup>0</sup> 20' to 25<sup>0</sup> 20' North Latitudes
- **Total area** : 4,47,350 ha
- **Period of survey** : February to June, 1999
- **Agro climatic zone** : 8- Central Plateau and hills
- **Type of survey** : Rapid Reconnaissance Survey for priority delineation using remote sensing techniques
- **Base material** : IRS-IB LISS-II FCC (Band 2,3,&4 ) imageries on 1:50, 000 scale acquired in January, 1998
- **State wise distribution of Micro-watersheds in very high, high, medium, low and very low priority categories**

(Area in ha)

Sl. No.	Priority categories	SYI range	No. of micro-watersheds	State wise area		Total area
				Rajasthan	Madhya Pradesh	
1.	Very high	1300 and above	14	6,249 (2.4)	7,176 (3.9)	13,425 (3.0)
2.	High	1200-1299	72	46,434(17.5)	32,941 (18.1)	7,9375 (17.7)
3.	Medium	1100-1199	104	65,186(24.6)	45,414 (24.9)	1,10,600 (24.7)
4.	Low	1000-1099	113	71,460 (27.0)	50,415 (27.5)	1,21,875 (27.3)
5.	Very low	900-999	103	57,772 (21.8)	46,628 (25.5)	1,04,400(23.3)
6.	Reservoir	-	-	17,675(6.7)	-	17,675(4.0)
	<b>Total</b>		<b>406</b>	<b>2,64,776(100.0)</b>	<b>1,82,574(100.0)</b>	<b>4,47,350(100.0)</b>