

III

Report on

Prioritization of subwatersheds in Ht and Hu subcatchments
Hirakud R.V.P. catchment, Bhandara and Gadchiroli
Districts, Maharashtra, and Durg District, Madhya Pradesh.

A B S T R A C T

1. Survey area : Ht and Hu subcatchments, Hirakud R.V.P. catchment
2. Location : 20°16' to 22°0' NL and 79°28' to 81°44' EL.
3. Total area : 13,30,980 ha
4. a) Period of survey : May 84 to April 1986
 b) Type of survey : Rapid Reconnaissance Survey
5. Base Material : Survey of India Topo sheets on 1:50000
6. Hydrological Divisions:
 - a) Catchment : Hirakud (H)
 - b) Subcatchments : Total (Ht and Hu)
 - c) Watersheds : 18
 - d) Subwatersheds : 274
7. Priority categorization of subwatersheds

Sr. No.	Priority category	Sediment Yield Index range	No. of subwatersheds	Area in (ha)	Percentage of total area
1.	Very high	Over - 1300	2	4720	0.4
2.	High	1200 - 1299	20	93920	7.1
3.	Medium	1100 - 1199	71	354410	26.6
4.	Low	1000 - 1099	68	327120	24.8
5.	Very Low	Below - 1000	113	541930	41.1
Total			274	1319100	100.0
i) Area Under subwatersheds				13,19,000 ha	99.1%
ii) Area under Reservoir				11,000 ha	0.8%
iii) Area under Rock-out crops				880 ha	0.1%
Total Surveyed area				13,30,980 ha	100%

IV

Statewise distribution of area, no. of subwatersheds under different priority category.

Sr. Priority No. category	Maharashtra		Madhya Pradesh		Total	No. of sub water sheds
	Area (ha)	No. of sub water sheds	Area	No. of subwater sheds		
1. Very high (1300 and above)	-	-	8520	3	8520	3
2. High 1200-1299	18960	4	71160	15	90120	19
3. Medium (1100-1199)	32940	7	318470	64	351410	71
4. Low (1000-1099)	7000	2	316200	65	323200	67
5. Very Low (below 1000)	-	-	545850	114	545850	114
Total.	58900	13	1260200	261	1319100	274
%	4.5		95.5		100.0	