

REPORT ON DEMARCATION OF PRIORITY SUB-WATERSHEDS
 IN REHAND DAM CATCHMENT IN SON RIVER VALLEY PROJECT,
 DIST. MIRZAPUR OF U.P. STATE AND DIST. SARGUJA OF
M. P. STATE

ABSTRACT

1. Survey area : Rehband Dam Catchment.
2. Total area :
 Utter Pradesh - 113920 ha. X
 Madhya Pradesh -1203968 ha. X
 13,17,888 ha.
3. (a) Kind of survey : Rapid reconnaissance.
 (b) Period of survey: Nov.'80 to June'81
4. Extent of areas under different erosion intensity units.

Mapping units	<u>Uttar Pradesh</u>		<u>Madhya Pradesh</u>	
	Area in ha.	%	Area in ha.	%
A	20,455	18.0	35,978	3.0
B	7,074	6.2	66,990	5.6
C	19,574	17.0	2,32,384	19.3
D	15,930	9.6	1,75,933	14.6
E	2,374	1.8	99,440	8.2
F	3,789	5.1	1,18,524	9.9
G	-	-	8,333	0.7
H	17,772	15.6	3,77,445	31.4
J	1,834	1.6	26,800	2.2
K	3,002	2.6	32,423	2.7
L	-	-	1,828	0.2
M	-	-	1,778	0.1
River	-	-	1,588	0.1
Rocky	-	-	203	X
Total:	88,309	77.5	11,79,747	98.0
Reservoir:	25,611	22.5	24,221	2.0
G. Total:	1,13,920	100%	12,03,968	100%

5. (a) Catchment: Main Rehand flowing through the States of U.P. and M.P.

(b) Statewise distribution of Sub-catchment, watersheds and sub-watersheds.

Category	U.P	M.P	Total of Rehand
Sub-Catchment	2	16	18
Watersheds	6	42	48
Sub-watersheds	28	392	420

Categorization of Sub-watersheds:

Category	Silt yield index range	U.P No. of Sub-watersheds	Area in ha.	%	M.P No. of Sub-watersheds	Area in ha.	%	Total area in ha.
Very high	More than 1500	4	12,641	11.1	82	2,34,559	19.5	2,47,200
High	1401-1500	6	24,208	21.2	72	2,17,149	18.0	2,41,357
Medium	1301-1400	9	29,319	25.8	148	4,44,922	37.0	4,74,241
Low	1201-1300	6	15,314	13.4	52	1,75,390	14.6	1,90,704
Very low	Below 1201	3	6,827	6.0	38	1,07,727	8.9	1,14,554
Total:		28	88,309	77.5	392	11,79,747	98.0	12,68,056
Reservoir:		-	25,611	22.5	-	24,221	2.0	49,832
Grand total:		28	1,13,920	100	392	12,03,968	100	13,17,888