

Report on Prioritization of Subwatersheds in the Nm, Np and Nq Subcatchment of Narmada R.V.P. Catchment, Betul, Dewas, Hoshangabad, Raisen and Sehore Districts, Madhya Pradesh.

i) ABSTRACT

1. Survey area : Nm, Np and Nq Subcatchments of Narmada R.V.P. Catchment, Betul, Hoshangabad, Raisen and Sehore districts, Madhya Pradesh.
2. Location : 21°50' to 23°-04' N Latitude, 76°-23' to 77°-49.3' E Longitude
3. Total area : 9,29,484 ha.
- 4.(a) Period of survey : November, 1987 to March, 1989.
(b) Type of survey : Rapid reconnaissance for priority delineation
5. Base material : Topographic maps (1:50,000)
6. Mapping units and their extent:

Sr. No.	Mapping Unit	Area (ha)	Percent
1.	A	24263	2.6
2.	B	70250	7.6
3.	C	47039	5.1
4.	D	154441	16.6
5.	E	5635	0.6
6.	F	2851	0.3
7.	G	49124	5.3
8.	G1	50216	5.4
9.	H	12880	1.4
10.	J	23388	2.5
11.	M	9978	1.1
12.	N	63820	6.9
13.	N1	166460	17.9
14.	N3	48132	5.2
15.	N4	45176	4.8
16.	P	15907	1.7
17.	Q	2898	0.3

Sr. No.	Mapping unit	Area (ha)	Percent
18.	Q1	22741	2.4
19.	R	7488	0.8
20.	R1	39714	4.3
21.	R2	8852	0.9
22.	R3	832	0.1
23.	S	7520	0.8
24.	S1	7935	0.8
25.	T	7978	0.9
26.	T1	1150	0.1
27.	U	1535	0.2
28.	U1	3317	0.4
29.	U2	1058	0.1
30.	V	3042	0.3
31.	V1	9457	1.0
32.	V2	12879	1.4
33.	W	1528	0.2
Grand Total ..		9,29,484	100.0

7. Hydrologic division:

- (a) Catchment : N - Narmada, Madhya Pradesh
- (b) Subcatchments : Nm, Np, Nq
- (c) Watersheds : 23
- (d) Subwatersheds : 348

8. Priority categorisation:

Priority category	Sediment Yield Index range	No. of Sub-watershed	Area (ha)	Percent
Very High	Over 1300	101	2,39,167	25.7
High	1200-1299	30	80,815	8.7
Medium	1100-1199	100	2,72,878	29.4
Low	1000-1099	86	2,34,069	25.2
Very low	Below 1000	31	1,02,555	11.0
Total ..		348	9,29,484	100.0