

Report on Prioritization of Subwatersheds in Bawanthadi
 Catchment, Seoni and Balaghat Districts, Madhya Pradesh ;
 Bhandara and Nagpur Districts, Maharashtra.

Abstract

1. Survey area : Bawanthadi Catchment under Godavari basin
2. Location : 21°28' to 22°56' North Latitude
79°14' to 79°43' East Longitude
3. Total area : 1,37,428 ha
4. Type of survey: Rapid reconnaissance survey
for priority demarcation
5. Period of Survey : November, 1989 to December, 1989
6. Base map : Survey of India topographic maps (1:50,000)
7. Areal extent under different erosion intensity units (ha)

Erosion Intensity Mapping Unit	Area in ha	% age
A	448	0.3
Al	1,893	1.4
B	280	0.2
C	639	0.4
D	972	0.7
E	8,777	6.4
F	25,397	18.5
G	226	0.2
G1	12,711	9.2
H	2,518	1.8
J	17,973	13.1
K	11,783	8.6
K1	36,812	26.8
M	10,113	7.4
N	6,886	5.0
Total ..	1,37,428	100.0

(ii)

8. Hydrological Sub-division:

- a) Catchment - Bawanthadi
- b) Subcatchments - One -Bb
- c) Watersheds - 9
- d) Subwatersheds - 77

9. Gradation of priority subwatersheds:

Grading	No. of Subwatersheds	Area (ha)	Percentage
a) Very High	5	4859	3.5
b) High	15	23345	17.0
c) Medium	34	64819	47.2
d) Low	21	39602	28.8
e) Very low	2	4803	3.5
Total ..	77	1,37,428	100.0

10. Distribution of area under Maharashtra and M.P. in different priority categories:

Sr. Priority No. category	No. of Subwatersheds			Area (ha)		Total
	M.S.	M.P.	Total	M.S.	M.P.	
1. Very high	2	3	5	1368	3491	4859
2. High	7	8	15	10056	13289	23345
3. Medium	17	17	34	31204	33615	64819
4. Low	10	11	21	20500	19102	39602
5. Very low	-	2	2	-	4803	4803
Total ..	36	41	77	63128	74300	1,37,428

11. A reconnaissance level soil map (1:50,000) of the surveyed area is appended alongwith.