

Report on prioritization of subwatersheds in the Pt, Pu, P_v and P_w subcatchments (Purna river) of Pochampad R.V.P. catchment, District - Aurangabad, Buldhana, and Jalna, Maharashtra.

ABSTRACT

1. Survey area : Pt, Pu, P_v and P_w Subcatchments under Pochampad catchment.
2. Location : 19°-35' to 20-30' N. Latitudes and 75°-10' to 77°-0' E Longitudes
3. Total area :
Surveyed and mapped: 7,00,793 ha
4. a) Type of survey : Rapid reconnaissance survey for prioritization of subwatersheds
b) Period of survey: November 1981 to February 1984
5. Base Map : Survey of India topographical maps (1:63,360)
6. Areal extent under different erosion intensity units (ha)

Erosion Intensity Mapping unit	Area (ha)	Percent
A	14651	2.1
B	62593	8.9
C	76131	10.9
D	3890	0.5
E	88836	12.7
F	102748	14.7
G	167429	23.8
H	34236	4.9
J	37267	5.4
K	112962	16.1
	700793	100.0

7. Hydrologic Codification :

- a) Catchment : Pochampad (P)
 b) Subcatchments : 4(Pt, Pu, Pv & Pw)
 c) Watersheds : 17
 d) Subwatersheds : 212

8. Priority categorization :

Priority Category	Sediment yield index range	No. of Sub-water sheds	Area (ha)	%
Very high	1300 and above	37	1,13,474	16.2
High	1200 to 1299	55	2,00,440	28.6
Medium	1100 to 1199	29	97,274	13.9
Low	1000 to 1099	18	55,993	8.0
Very low	Below 1000	73	2,33,612	33.4
TOTAL		212	7,00,793	100.0

N.B. 4 Sheets of soil map are enclosed with the report (1:63,360)