

REPORT ON THE DEMARCATION OF PRIORITY SUBWATERSHEDS
IN 'At' SUBCATCHMENT, NAGARJUNASAGAR CATCHMENT,
AHMEDNAGAR, PUNE AND SHOLAPUR DISTRICTS,
MAHARASHTRA STATE

ABSTRACT

01. Survey area :At subcatchment, Nagarjunasagar catchment
Ahmednagar, Pune and Sholapur district,
Maharashtra state
02. Location :73°19' to 75°19' E Long
17°55' to 19°25' N Lat
03. Total area :14,57,433 ha
13,75,478 ha area under Erosion Intensity
Mapping Units + 81,955 ha under Misc.
04. Period of survey :November, 1986 to January, 1990
05. Type of survey :Rapid Reconnaissance
06. Base material :Toposheet (1:50,000 scale) Survey of India
07. Hydrologic division :Catchment : Nagarjunasagar
Subcatchment : At
Watersheds : 10
Subwatersheds : 233
08. Priority categorisation

Sr. No.	Priority category	Sediment yield index range	No. of sub-watersheds	Area (ha)	Percentage
1	Very High	1300 & above	113	6,33,671	46.0
2	High	1200 to 1299	77	4,88,986	36.0
3	Medium	1100 to 1199	33	1,98,593	14.0
4	Low	1000 to 1099	10	54,228	4.00
Total			233	13,75,478	100.0
Misc. area (Reservoir, river, submerged tank, village, etc.)				81,955	
				14,57,433	

09. Mapping units and area under each

Sr. No.	Erosion Intensity Mapping unit	Area (ha)	Percentage
1	L	4,51,983	32.9
2	L1	1,97,223	14.3
3	M	2,69,537	19.6
4	N	1,90,812	13.9
5	N1	96,406	7.0
6	P	69,461	5.0
7	Pe	15,907	1.2
8	S	84,149	6.1
Total		13,75,478	100.0