

V. PRIORITY FIXATION.

1. As per the procedure discussed above, Ukai Catchment has been divided into 232 subwatershed and the silt yield index for each of the subwatershed has been calculated and is shown in Appendix II with their order of priority.

2. These subwatersheds have further been arranged into very high, high, medium, low and very low priority categories on the basis of sediment yield index showing their relative priority in appendix III.

A brief abstract of the prioritywise distribution of subwatershed in whole of the surveyed area of the catchment is given below.

Abstract for the whole of the surveyed area

S.No.	Priority grading and range.	Number of subwatersheds	Area in ha.	Percentage.
1.	Very High (1250 and above)	37	1,44,553	16.5
2.	High (1150-1249)	62	2,40,674	27.6
3.	Medium (1050-1149)	33	1,21,826	13.9
4.	Low (950-1049)	16	49,273	5.7
5.	Very low (Below 950)	84	3,16,740	36.3
Total		232	8,73,079	100.0

From the above table it seems that 44.1% of the total surveyed area under Ukai Catchment qualifies for high priority area. Out of 232 watersheds 37 watersheds (16.5% area) are under very high priority whereas 62 watersheds (27.6% area) categories under high priorities.

(3) The surveyed area under Ukai catchment spreads mainly in two States namely Maharashtra and Madhya Pradesh. In the following abstracts State-wise priority distribution of the subwatersheds have been shown. However it may be noted that a priority falling in more than one State, in aner Subcatchment has been shown separately in appendix IV but has been shown under one State only for the sake of convenience in Appendix II, showing greater extent of the area under that State.

Abstract for subwatersheds falling within Madhya Pradesh

S.No.	Priority Grading and Range.	Number of subwatersheds	Area in ha.	Percentage
1.	Very High (1250 & above)	6	25,350	30.9
2.	High (1150-1249)	3	15,730	19.2
3.	Medium (1050-1149)	6	30,920	37.7
4.	Low (950-1049)	2	10,045	12.2
5.	Very low (Below 950)	-	-	-
Total		17	82,095	100.0

Out of 17 subwatersheds falling in Madhya Pradesh, 6 covering an area of 30.9% of the total fall with very high priority and another 3 covering 19.2% of the area fall under high priority.

Abstract for subwatersheds falling within Maharashtra.

1.	Very High (1250 & above)	31	1,19,203	15.1
2.	High (1150-1249)	59	2,24,894	28.4
3.	Medium (1050-1149)	27	90,906	11.5
4.	Low (950-1049)	14	39,233	5.0
5.	Very low (Below 950)	84	3,16,743	40.0
Total		215	7,90,984	100.0

In case of Maharashtra, out of 215 subwatersheds 15.1% of the total area covering, 31 subwatersheds fall under very high priority and maximum of 28.4 of the area qualifies for high priority covering 59 subwatersheds.