

REPORT ON PRIORITISATION OF SUB-WATERSHEDS IN 2A2
CATCHMENT (PART) IN LOWER GANGA BASIN, DISTRICT: MIDNAPUR
AND BANKURA OF WEST BENGAL.

ABSTRACT

1. Survey area:- 2A2A Sub-Catchment of 2A2 Catchment lower Ganga Basin in Midnapur and Bankura districts of West Bengal.
2. Total area surveyed and mapped :- 5,82,851 ha.
3. Location:- 21° 56' to 23° 3' N latitude and 86° 38' to 88° 6' E longitude.
4. Agroclimatic Zone:- Zone 4 and 7 (Middle Gangetic plain and Eastern Plateau and plain as per National Planning Commission's Classification)
5. Kind of Survey:- Rapid Reconnaissance Survey.
6. Period of Survey:- December 1994 to June 1995
7. Base materials Used:- Survey of India topographical maps on (1:50,000 scale.)
8. Extent of areas under different run off potential mapping units.

Sl.No.	Mapping Units	Area in ha.	Percentage(%)
1.	A1	13896	2.38
2.	A2	1988	0.34
3.	A3	10937	1.88
4.	A4	96048	16.48
5.	A5	187841	32.23
6.	A6	388	0.07
7.	A7	49	0.01
8.	A9	54893	9.42
9.	C1	27896	4.79
10.	C2	81288	13.93
11.	C3	11779	2.02
12.	C4	4813	0.69
13.	C5	3741	0.64
14.	C6	97	0.02
15.	C7	94	0.01
16.	C8	898	0.15
17.	C9	2531	0.43
18.	C10	9747	1.67
19.	C11	889	0.15
20.	C12	15317	2.63
21.	C13	34297	5.89
22.	Misc	24328	4.17
Total:		5,82,851	100

9. PRIORITY CATEGORIES :

Sl. No.	Priority Categories	Average run off potential	No. of Sub Watershed	Area in (ha)	(%)
1.	VERY HIGH	65 & above	7	27277	4.68
2.	HIGH	60 to 64	7	26703	4.58
3.	MEDIUM	55 to 59	114	512800	87.98
4.	LOW	50 to 54	4	16071	2.76
5.	VERY LOW	<50	NIL	--	--
TOTAL			132	582851	100

10. Abstract of Watershed wise distribution of Priority areas.
(Area in ha)

Sl. No.	Priority categories & range	Name of Watersheds						Total area	(%)
		2A2A/1	2A2A/2	2A2A/3	2A2A/4	2A2A/5	2A2A/6		
1.	Very high 65 & above.	--	--	--	--	--	27277	27277	4.68
2.	High 60-64	--	--	--	--	--	26703	26703	4.58
3.	Medium 55-59	52460	103001	110048	115632	54170	77489	512800	87.98
4.	Low 50-54	--	6009	--	4885	--	5177	16071	2.76
5.	Very low <50	--	--	--	--	--	--	--	--
		52460	109010	110048	120517	54170	136646	582851	100

11. District wise Extent of Priority area in 2A2A Sub-Catchment.

Sl. No.	Priority categories & Range	MIDNAPUR			BANKURA			GRAND Total	Percentages
		Area in (ha)	No. of Sub-Water-sheds		Area in (ha)	No. of Sub-Water-sheds			
			Full	Part		Full	Part		
1.	VERY HIGH 65 & above.	15621	2	2	11656	3	2	27277	4.68
2.	HIGH 60-64	--	-	-	26703	7	-	26703	4.58
3.	Medium 55-59	455722	94	9	52094	10	9	507816	87.13
4.	Low 50-54	11916	2	1	9139	2	1	21055	3.61
GRAND TOTAL		483259	98	12	99592	22	12	582851	100