

Report on Demarcation of Priority Micro-Watershed in 2A7A, 2A7B and 2A7C SubCatchments of Lower Ganga Basin (NON- RVP/FPR), in Bhojpur, Buxar, Kaimur, Rhotas and Saran districts of Bihar and Allahabad, Balua, Gazipur, Mirzapur and Varanashi districts of Uttar Pradesh

Abstract

1. **Survey area** : 2A7A, B & C Sub Catchments of 2A7 Catchment in Lower Ganga Basin (NON-RVP/FPR) in Bhojpur, Buxar, Kaimur, Rhotas and Saran Districts of Bihar and Allahabad, Balua, Gazipur, Mirzapur, Varanasi Districts of Uttar Pradesh.
2. **Total area Surveyed and mapped** : 16,95,328 ha
3. **Geographical Extent** : 82°05' to 84°52' E Long.
24°30' to 25°35' N Lat.
4. **Agro Climatic Zone** : Middle Gangetic Plain (IV) as per National Planning Commission.
5. **Type of Survey** : Rapid Reconnaissance Survey
6. **Period of Survey** : December'1998 to March'2000
7. **Base material used** : Survey of India Topsheet (1:50,000)
8. **Hydrological division** : Region : 2
Basin : 2A
Catchment : 2A7
Sub Catchment : 2A7A, B & C

9. Priority Categorization

Sl.No.	Priority Category	No of Microwatersheds	Total Area in ha	Percent
1.	Very High (Above 70)	246	151592	8.94
2.	High (66-70)	317	221229	13.05
3.	Medium (61-65)	244	171607	10.12
4.	Low (56-60)	555	468203	27.62
5.	Very Low (Below 56)	839	682697	40.27
	Grand Total	2201	1695328	100.00

10. Subcatchment wise Priority Categorization

Sl.No.	Priority Category (RPI)	Name of the Subcatchment			Total Area in ha (%)
		2A7A	2A7B	2A7C	
1.	Very High (Above 70)	4081 (0.24)	123488 (7.28)	24023 (1.42)	151592 (8.94)
2.	High (66-70)	3419 (0.20)	145499 (8.58)	72311 (4.27)	221229 (13.05)
3.	Medium (61-65)	7547 (0.45)	93965 (5.54)	700955 (4.13)	171607 (10.12)
4.	Low (56-60)	261641 (15.43)	111641 (6.59)	94921 (5.60)	468203 (27.62)
5.	Very Low (Below 56)	206021 (12.15)	331348 (19.55)	145328 (8.57)	682697 (40.27)
	Grand Total	482709 (28.47)	805941 (47.54)	406678 (23.99)	1695328 (100.00)

11. Statewise and Districtwise Prioritization

Priority Category	B I H A R					Sub Total (%)	U T T A R P R A D E S H					Sub Total (%)	Total Area (%)
	Bhojpur	Buxar	Kaimur	Rohtas	Saran		Allahabad	Balia	Gazipur	Mirzapur	Varanashi		
Very High (Above 70)	-	-	59384	23800	-	83184 (4.70)	5213	-	-	37324	25871	68408 (4.04)	151592 (8.94)
High (66-70)	223	-	59670	16393	343	76629 (4.52)	12876	-	-	94928	36796	144600 (8.53)	221229 (13.05)
Medium (61-65)	1397	1098	27812	15828	1482	47617 (2.81)	2721	620	-	83687	36962	123990 (7.31)	171607 (10.12)
Low (56-60)	151889	98127	50672	21181	1159	323028 (19.06)	14093	11613	22256	66204	31009	145175 (8.56)	468203 (27.62)
Very Low (Below 56)	52919	67944	135843	208900	-	465606 (27.46)	9026	-	49362	29591	129112	217091 (12.81)	68334 (40.27)
Grand Total	206428	167169	333381	286102	2984	996064 (58.75)	43929	12233	71618	311734	259750	699264 (41.25)	1695328 (100.00)