

Ramchandrapur Dam

Location	23.5876° N, 86.8377° E
State	West Bengal
Nearest City	Purulia
Year of Completion	1991
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Machkandajore.
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	899.0 m
Reservoir Area	1700000.0 m ²
Gross storage capacity	3953000.0 m ³
Effective storage capacity	2989000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.3 km ²
Perimeter of catchment	29.0 km
Basin Length	8767.3 m
Form factor	0.47252
Circularity ratio	0.54309
Elongation ratio	0.77539
Highest Stream order	6
Max elevation	295.0 m
Min elevation	119.0 m
Mean bifurcation ratio	2.5336
Stream frequency	80.7260 per km ²
Relief	176.00 m
Drainage density	11.1740 km/km ²
Length of overland flow	44.747 m

CATCHMENT CLIMATOLOGY

