

Bandhu Extension Dam

Location	23.2807° N, 86.1401° E
State	West Bengal
Nearest City	Purulia
Year of Completion	2004
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Bandhu.
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	1605.0 m
Reservoir Area	4754000.0 m ²
Gross storage capacity	2433000.0 m ³
Effective storage capacity	2183000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.0 km ²
Perimeter of catchment	18.5 km
Basin Length	7149.4 m
Form factor	0.29413
Circularity ratio	0.55481
Elongation ratio	0.61175
Highest Stream order	5
Max elevation	561.0 m
Min elevation	299.0 m
Mean bifurcation ratio	2.3255
Stream frequency	87.2030 per km ²
Relief	262.00 m
Drainage density	12.3020 km/km ²
Length of overland flow	40.645 m

CATCHMENT CLIMATOLOGY

