

Lipania Dam

Location	23.4670° N, 86.4601° E
State	West Bengal
Nearest City	Purulia
Year of Completion	1985
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Lipania.
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	750.0 m
Reservoir Area	931000.0 m ²
Gross storage capacity	3451000.0 m ³
Effective storage capacity	2739000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	31.0 km ²
Perimeter of catchment	25.6 km
Basin Length	8036.2 m
Form factor	0.47972
Circularity ratio	0.59608
Elongation ratio	0.78127
Highest Stream order	6
Max elevation	263.0 m
Min elevation	191.0 m
Mean bifurcation ratio	3.3637
Stream frequency	76.3060 per km ²
Relief	72.00 m
Drainage density	10.2980 km/km ²
Length of overland flow	48.552 m

CATCHMENT CLIMATOLOGY

