

Bankabal Dam

Location	22.1831° N, 86.3089° E
State	Odisha
Nearest City	Bamanghati
Year of Completion	1988
Operated and Maintained by	Odisha Water Resources Department
River Basin	Subarnarekha
River	Bankbal Nallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.8 m
Dam length	1818.0 m
Reservoir Area	7700000.0 m ²
Gross storage capacity	28260000.0 m ³
Effective storage capacity	25780000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	171.9 km ²
Perimeter of catchment	67.2 km
Basin Length	16629.0 m
Form factor	0.62180
Circularity ratio	0.47860
Elongation ratio	0.88948
Highest Stream order	7
Max elevation	905.0 m
Min elevation	293.0 m
Mean bifurcation ratio	3.1388
Stream frequency	82.0270 per km ²
Relief	612.00 m
Drainage density	11.6420 km/km ²
Length of overland flow	42.950 m

CATCHMENT CLIMATOLOGY

