

Bhallughai Dam

Location	19.2306° N, 84.6000° E
State	Odisha
Nearest City	Brahampur
Year of Completion	1985
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Kadava Nallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	664.8 m
Reservoir Area	255600.0 m ²
Gross storage capacity	1076000.0 m ³
Effective storage capacity	870000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.0 km ²
Perimeter of catchment	11.0 km
Basin Length	3798.6 m
Form factor	0.48306
Circularity ratio	0.72570
Elongation ratio	0.78399
Highest Stream order	5
Max elevation	651.0 m
Min elevation	54.0 m
Mean bifurcation ratio	4.6697
Stream frequency	91.2430 per km ²
Relief	597.00 m
Drainage density	13.3610 km/km ²
Length of overland flow	37.424 m

CATCHMENT CLIMATOLOGY

Data not available.