

Kanheinalla Dam

Location	19.2819° N, 84.6014° E
State	Odisha
Nearest City	Brahampur
Year of Completion	1975
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Kanheinalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.4 m
Dam length	1021.0 m
Reservoir Area	290000.0 m ²
Gross storage capacity	1720000.0 m ³
Effective storage capacity	1270000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.9 km ²
Perimeter of catchment	15.0 km
Basin Length	5256.9 m
Form factor	0.35986
Circularity ratio	0.55828
Elongation ratio	0.67667
Highest Stream order	5
Max elevation	773.0 m
Min elevation	75.0 m
Mean bifurcation ratio	4.7246
Stream frequency	89.1940 per km ²
Relief	698.00 m
Drainage density	13.0400 km/km ²
Length of overland flow	38.343 m

CATCHMENT CLIMATOLOGY

