

Kalimati Dam

Location	21.4122° N, 85.7908° E
State	Odisha
Nearest City	Anandpur
Year of Completion	1999
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Kukurkata Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.0 m
Dam length	985.0 m
Reservoir Area	1208000.0 m ²
Gross storage capacity	4500000.0 m ³
Effective storage capacity	3600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.3 km ²
Perimeter of catchment	27.8 km
Basin Length	8837.1 m
Form factor	0.45143
Circularity ratio	0.57529
Elongation ratio	0.75789
Highest Stream order	6
Max elevation	623.0 m
Min elevation	357.0 m
Mean bifurcation ratio	2.6018
Stream frequency	80.7840 per km ²
Relief	266.00 m
Drainage density	11.2300 km/km ²
Length of overland flow	44.525 m

CATCHMENT CLIMATOLOGY

