

## Kangani Nalla Dam

Location	20.3694° N, 84.2114° E
State	Odisha
Nearest City	Khondmals
Year of Completion	1980
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Kangani Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.7 m
Dam length	281.5 m
Reservoir Area	746933.0 m <sup>2</sup>
Gross storage capacity	2660000.0 m <sup>3</sup>
Effective storage capacity	2200000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	34.6 km <sup>2</sup>
Perimeter of catchment	32.7 km
Basin Length	8838.9 m
Form factor	0.44259
Circularity ratio	0.40688
Elongation ratio	0.75043
Highest Stream order	6
Max elevation	935.0 m
Min elevation	536.0 m
Mean bifurcation ratio	3.1824
Stream frequency	86.7610 per km <sup>2</sup>
Relief	399.00 m
Drainage density	12.7410 km/km <sup>2</sup>
Length of overland flow	39.243 m

## CATCHMENT CLIMATOLOGY

