

## Kalanaju M.I.P Dam

Location	20.1147° N, 84.3203° E
State	Odisha
Nearest City	G.Udayagiri
Year of Completion	1982
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.8 m
Dam length	189.0 m
Reservoir Area	820000.0 m <sup>2</sup>
Gross storage capacity	1203000.0 m <sup>3</sup>
Effective storage capacity	1090000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.6 km <sup>2</sup>
Perimeter of catchment	12.0 km
Basin Length	3091.0 m
Form factor	0.90411
Circularity ratio	0.75824
Elongation ratio	1.07260
Highest Stream order	5
Max elevation	1179.0 m
Min elevation	678.0 m
Mean bifurcation ratio	3.3503
Stream frequency	90.0640 per km <sup>2</sup>
Relief	501.00 m
Drainage density	13.6450 km/km <sup>2</sup>
Length of overland flow	36.644 m

## CATCHMENT CLIMATOLOGY

