

## Banksal Dam

Location	21.6292° N, 84.3625° E
State	Odisha
Nearest City	Kuchinda
Year of Completion	1981
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Banksal Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	716.6 m
Reservoir Area	2080000.0 m <sup>2</sup>
Gross storage capacity	4970000.0 m <sup>3</sup>
Effective storage capacity	4580000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	57.1 km <sup>2</sup>
Perimeter of catchment	44.3 km
Basin Length	11562.0 m
Form factor	0.42712
Circularity ratio	0.36530
Elongation ratio	0.73720
Highest Stream order	6
Max elevation	571.0 m
Min elevation	248.0 m
Mean bifurcation ratio	2.2950
Stream frequency	78.0580 per km <sup>2</sup>
Relief	323.00 m
Drainage density	10.8450 km/km <sup>2</sup>
Length of overland flow	46.103 m

## CATCHMENT CLIMATOLOGY

