

## Khasbahal Dam

Location	20.2067° N, 82.8197° E
State	Odisha
Nearest City	Nuaparha
Year of Completion	1986
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Artatrana Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	840.0 m
Reservoir Area	506000.0 m <sup>2</sup>
Gross storage capacity	40415000.0 m <sup>3</sup>
Effective storage capacity	28720000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.9 km <sup>2</sup>
Perimeter of catchment	9.4 km
Basin Length	3188.7 m
Form factor	0.48130
Circularity ratio	0.69792
Elongation ratio	0.78256
Highest Stream order	4
Max elevation	511.0 m
Min elevation	235.0 m
Mean bifurcation ratio	2.7324
Stream frequency	87.8650 per km <sup>2</sup>
Relief	276.00 m
Drainage density	12.3650 km/km <sup>2</sup>
Length of overland flow	40.437 m

## CATCHMENT CLIMATOLOGY

