

## Dumerbahal Dam

Location	20.8544° N, 82.6844° E
State	Odisha
Nearest City	Titilagarh
Year of Completion	1983
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Dumerbahal
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.8 m
Dam length	462.0 m
Reservoir Area	7558000.0 m <sup>2</sup>
Gross storage capacity	22300000.0 m <sup>3</sup>
Effective storage capacity	19320000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	87.7 km <sup>2</sup>
Perimeter of catchment	43.1 km
Basin Length	13237.0 m
Form factor	0.50045
Circularity ratio	0.59209
Elongation ratio	0.79798
Highest Stream order	6
Max elevation	412.0 m
Min elevation	274.0 m
Mean bifurcation ratio	2.3437
Stream frequency	65.1140 per km <sup>2</sup>
Relief	138.00 m
Drainage density	8.2680 km/km <sup>2</sup>
Length of overland flow	60.477 m

## CATCHMENT CLIMATOLOGY

