

## Gundurposi Dam

Location	20.7244° N, 85.8114° E
State	Odisha
Nearest City	Dhenkanal
Year of Completion	1975
Operated and Maintained by	Odisha Water Resources Department
River Basin	Brahmani
River	Gundurposi Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.1 m
Dam length	1173.3 m
Reservoir Area	1140000.0 m <sup>2</sup>
Gross storage capacity	4248000.0 m <sup>3</sup>
Effective storage capacity	4020000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.3 km <sup>2</sup>
Perimeter of catchment	24.8 km
Basin Length	8521.4 m
Form factor	0.34824
Circularity ratio	0.51492
Elongation ratio	0.66565
Highest Stream order	6
Max elevation	313.0 m
Min elevation	73.0 m
Mean bifurcation ratio	2.8218
Stream frequency	87.8720 per km <sup>2</sup>
Relief	240.00 m
Drainage density	12.7340 km/km <sup>2</sup>
Length of overland flow	39.265 m

## CATCHMENT CLIMATOLOGY

