

## Siltiguda M.I.P Dam

Location	19.2378° N, 83.3933° E
State	Odisha
Nearest City	Rayagada
Year of Completion	1993
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.1 m
Dam length	1295.5 m
Reservoir Area	3500000.0 m <sup>2</sup>
Gross storage capacity	2240000.0 m <sup>3</sup>
Effective storage capacity	1480000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	42.9 km <sup>2</sup>
Perimeter of catchment	34.1 km
Basin Length	12298.0 m
Form factor	0.28370
Circularity ratio	0.46384
Elongation ratio	0.60082
Highest Stream order	6
Max elevation	1037.0 m
Min elevation	248.0 m
Mean bifurcation ratio	2.4347
Stream frequency	85.0490 per km <sup>2</sup>
Relief	789.00 m
Drainage density	12.5480 km/km <sup>2</sup>
Length of overland flow	39.846 m

## CATCHMENT CLIMATOLOGY

