

Victoriasagar M.I.P Dam

Location	21.1625° N, 83.2419° E
State	Odisha
Nearest City	Padampur
Year of Completion	2000
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Badhaghat Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	145.0 m
Reservoir Area	4470.0 m ²
Gross storage capacity	2750000.0 m ³
Effective storage capacity	2600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.6 km ²
Perimeter of catchment	19.7 km
Basin Length	5251.3 m
Form factor	0.78462
Circularity ratio	0.70300
Elongation ratio	0.99917
Highest Stream order	6
Max elevation	677.0 m
Min elevation	230.0 m
Mean bifurcation ratio	3.2001
Stream frequency	79.6790 per km ²
Relief	447.00 m
Drainage density	11.0130 km/km ²
Length of overland flow	45.402 m

CATCHMENT CLIMATOLOGY

