

Sanamuligaon M.I.P Dam

Location	19.1719° N, 83.6431° E
State	Odisha
Nearest City	Ramagunda
Year of Completion	2003
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Vansadhara
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	407000.0 m ²
Gross storage capacity	3030000.0 m ³
Effective storage capacity	2670000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.8 km ²
Perimeter of catchment	29.2 km
Basin Length	10859.0 m
Form factor	0.30369
Circularity ratio	0.52898
Elongation ratio	0.62162
Highest Stream order	6
Max elevation	704.0 m
Min elevation	201.0 m
Mean bifurcation ratio	2.3993
Stream frequency	85.8410 per km ²
Relief	503.00 m
Drainage density	12.5900 km/km ²
Length of overland flow	39.713 m

CATCHMENT CLIMATOLOGY

