

Tikarpada Dam

Location	19.8661° N, 83.1750° E
State	Odisha
Nearest City	Bhawanipatna
Year of Completion	1984
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Sagoda Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.2 m
Dam length	325.0 m
Reservoir Area	124068.0 m ²
Gross storage capacity	748000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.0 km ²
Perimeter of catchment	19.6 km
Basin Length	5292.5 m
Form factor	0.64371
Circularity ratio	0.59085
Elongation ratio	0.90501
Highest Stream order	5
Max elevation	919.0 m
Min elevation	256.0 m
Mean bifurcation ratio	4.2269
Stream frequency	85.4650 per km ²
Relief	663.00 m
Drainage density	12.2320 km/km ²
Length of overland flow	40.878 m

CATCHMENT CLIMATOLOGY

