

Bhanjanagar Dam

Location	19.9514° N, 84.5828° E
State	Odisha
Nearest City	Ghumusar
Year of Completion	1894
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Boringa Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.6 m
Dam length	1310.6 m
Reservoir Area	9310000.0 m ²
Gross storage capacity	57660000.0 m ³
Effective storage capacity	57660000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	74.9 km ²
Perimeter of catchment	45.1 km
Basin Length	13892.0 m
Form factor	0.38820
Circularity ratio	0.46337
Elongation ratio	0.70281
Highest Stream order	6
Max elevation	423.0 m
Min elevation	77.0 m
Mean bifurcation ratio	2.5514
Stream frequency	84.2820 per km ²
Relief	346.00 m
Drainage density	12.1790 km/km ²
Length of overland flow	41.055 m

CATCHMENT CLIMATOLOGY

