

Ghodahada Dam

Location	19.2903° N, 84.4594° E
State	Odisha
Nearest City	Brahampur
Year of Completion	1974
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Ghodahada
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.0 m
Dam length	1724.0 m
Reservoir Area	35112000.0 m ²
Gross storage capacity	24190000.0 m ³
Effective storage capacity	20300000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	143.1 km ²
Perimeter of catchment	73.9 km
Basin Length	26915.0 m
Form factor	0.19759
Circularity ratio	0.32975
Elongation ratio	0.50141
Highest Stream order	7
Max elevation	1232.0 m
Min elevation	101.0 m
Mean bifurcation ratio	2.4515
Stream frequency	87.2430 per km ²
Relief	1131.00 m
Drainage density	13.1660 km/km ²
Length of overland flow	37.976 m

CATCHMENT CLIMATOLOGY

