

Baghua Mip Dam

Location	19.9486° N, 84.9436° E
State	Odisha
Nearest City	Nayagarh
Year of Completion	1980
Operated and Maintained by	Odisha Water Resources Department
River Basin	North East Coast
River	Baghua
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	1201.0 m
Reservoir Area	278000.0 m ²
Gross storage capacity	3680000.0 m ³
Effective storage capacity	1100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.9 km ²
Perimeter of catchment	23.5 km
Basin Length	5683.5 m
Form factor	0.77032
Circularity ratio	0.56631
Elongation ratio	0.99002
Highest Stream order	6
Max elevation	424.0 m
Min elevation	143.0 m
Mean bifurcation ratio	3.4378
Stream frequency	88.8950 per km ²
Relief	281.00 m
Drainage density	13.0460 km/km ²
Length of overland flow	38.326 m

CATCHMENT CLIMATOLOGY

