

Baghijharan Dam

Location	20.5719° N, 82.8519° E
State	Odisha
Nearest City	Patnagarh
Year of Completion	1983
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Bagiharan
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.3 m
Dam length	1524.0 m
Reservoir Area	340000.0 m ²
Gross storage capacity	1121000.0 m ³
Effective storage capacity	920000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	61.3 km ²
Perimeter of catchment	40.7 km
Basin Length	12937.0 m
Form factor	0.36638
Circularity ratio	0.46516
Elongation ratio	0.68277
Highest Stream order	6
Max elevation	458.0 m
Min elevation	290.0 m
Mean bifurcation ratio	15.2360
Stream frequency	70.0280 per km ²
Relief	168.00 m
Drainage density	9.2580 km/km ²
Length of overland flow	54.005 m

CATCHMENT CLIMATOLOGY

