

Badua Dam

Location	24.8878° N, 86.6458° E
State	Bihar
Nearest City	Bhagalpur
Year of Completion	1965
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Badua.
Dam Type	Earthfill Embankment
Height above lowest foundation level	56.7 m
Dam length	457.3 m
Reservoir Area	11335000.0 m ²
Gross storage capacity	128340000.0 m ³
Effective storage capacity	109830000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	434.3 km ²
Perimeter of catchment	109.8 km
Basin Length	39656.0 m
Form factor	0.27614
Circularity ratio	0.45262
Elongation ratio	0.59276
Highest Stream order	7
Max elevation	362.0 m
Min elevation	92.0 m
Mean bifurcation ratio	2.4854
Stream frequency	76.0680 per km ²
Relief	270.00 m
Drainage density	10.2360 km/km ²
Length of overland flow	48.848 m

CATCHMENT CLIMATOLOGY

