

Upper Badua (N.F) Dam

Location	24.8872° N, 86.6458° E
State	Bihar
Nearest City	Banka
Year of Completion	1985
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Badua.
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.9 m
Dam length	1745.0 m
Reservoir Area	1063000.0 m ²
Gross storage capacity	4520000.0 m ³
Effective storage capacity	4260000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	434.0 km ²
Perimeter of catchment	109.7 km
Basin Length	39551.0 m
Form factor	0.27743
Circularity ratio	0.45333
Elongation ratio	0.59414
Highest Stream order	7
Max elevation	362.0 m
Min elevation	93.0 m
Mean bifurcation ratio	2.4949
Stream frequency	76.0610 per km ²
Relief	269.00 m
Drainage density	10.2340 km/km ²
Length of overland flow	48.858 m

CATCHMENT CLIMATOLOGY

