

Bhonka Dam

Location	25.0683° N, 82.5750° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1951
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Bhonka
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	2012.0 m
Reservoir Area	231522.0 m ²
Gross storage capacity	8500000.0 m ³
Effective storage capacity	2300000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.7 km ²
Perimeter of catchment	13.5 km
Basin Length	4400.7 m
Form factor	0.45139
Circularity ratio	0.60475
Elongation ratio	0.75785
Highest Stream order	4
Max elevation	165.0 m
Min elevation	112.0 m
Mean bifurcation ratio	2.3247
Stream frequency	79.1610 per km ²
Relief	53.00 m
Drainage density	10.2700 km/km ²
Length of overland flow	48.684 m

CATCHMENT CLIMATOLOGY

