

## Banna Dam

<b>Location</b>	22.0797° N, 80.5353° E
<b>State</b>	Madhya Pradesh
<b>Nearest City</b>	Baihar
<b>Year of Completion</b>	1980
<b>Operated and Maintained by</b>	Madhya Pradesh Water Resources Department
<b>River Basin</b>	Narmada
<b>River</b>	Local
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	15.2 m
<b>Dam length</b>	732.0 m
<b>Reservoir Area</b>	225635.0 m <sup>2</sup>
<b>Gross storage capacity</b>	1740000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	1686000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	7.9 km <sup>2</sup>
<b>Perimeter of catchment</b>	11.8 km
<b>Basin Length</b>	3888.6 m
<b>Form factor</b>	0.51976
<b>Circularity ratio</b>	0.70464
<b>Elongation ratio</b>	0.81323
<b>Highest Stream order</b>	5
<b>Max elevation</b>	746.0 m
<b>Min elevation</b>	558.0 m
<b>Mean bifurcation ratio</b>	4.6949
<b>Stream frequency</b>	86.9000 per km <sup>2</sup>
<b>Relief</b>	188.00 m
<b>Drainage density</b>	12.0720 km/km <sup>2</sup>
<b>Length of overland flow</b>	41.417 m

## CATCHMENT CLIMATOLOGY

