

## Berbeta Dam

<b>Location</b>	25.1086° N, 82.3089° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Mirzapur
<b>Year of Completion</b>	1979
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Bhatwa Nala
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	10.5 m
<b>Dam length</b>	535.0 m
<b>Reservoir Area</b>	153404.0 m <sup>2</sup>
<b>Gross storage capacity</b>	30760000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	2947000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	15.6 km <sup>2</sup>
<b>Perimeter of catchment</b>	18.7 km
<b>Basin Length</b>	5961.0 m
<b>Form factor</b>	0.43775
<b>Circularity ratio</b>	0.55767
<b>Elongation ratio</b>	0.74631
<b>Highest Stream order</b>	6
<b>Max elevation</b>	165.0 m
<b>Min elevation</b>	87.0 m
<b>Mean bifurcation ratio</b>	2.6132
<b>Stream frequency</b>	85.6980 per km <sup>2</sup>
<b>Relief</b>	78.00 m
<b>Drainage density</b>	11.8320 km/km <sup>2</sup>
<b>Length of overland flow</b>	42.259 m

## CATCHMENT CLIMATOLOGY

