

## Bardha Dam

<b>Location</b>	25.2203° N, 81.1522° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Chitrakoot
<b>Year of Completion</b>	1930
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Bardha Nala
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	14.1 m
<b>Dam length</b>	2800.0 m
<b>Reservoir Area</b>	24300000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	7800000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	7325000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	86.0 km <sup>2</sup>
<b>Perimeter of catchment</b>	48.2 km
<b>Basin Length</b>	16341.0 m
<b>Form factor</b>	0.32201
<b>Circularity ratio</b>	0.46512
<b>Elongation ratio</b>	0.64009
<b>Highest Stream order</b>	6
<b>Max elevation</b>	256.0 m
<b>Min elevation</b>	111.0 m
<b>Mean bifurcation ratio</b>	2.2500
<b>Stream frequency</b>	77.2840 per km <sup>2</sup>
<b>Relief</b>	145.00 m
<b>Drainage density</b>	10.3910 km/km <sup>2</sup>
<b>Length of overland flow</b>	48.118 m

## CATCHMENT CLIMATOLOGY

