

## Barwatola Dam

<b>Location</b>	25.1822° N, 80.7942° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Chitrakoot
<b>Year of Completion</b>	1969
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Barwa
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	19.0 m
<b>Dam length</b>	3815.0 m
<b>Reservoir Area</b>	91050000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	24500000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	17630000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	114.0 km <sup>2</sup>
<b>Perimeter of catchment</b>	52.5 km
<b>Basin Length</b>	14077.0 m
<b>Form factor</b>	0.57539
<b>Circularity ratio</b>	0.52061
<b>Elongation ratio</b>	0.85564
<b>Highest Stream order</b>	7
<b>Max elevation</b>	367.0 m
<b>Min elevation</b>	133.0 m
<b>Mean bifurcation ratio</b>	2.4101
<b>Stream frequency</b>	77.0770 per km <sup>2</sup>
<b>Relief</b>	234.00 m
<b>Drainage density</b>	10.3130 km/km <sup>2</sup>
<b>Length of overland flow</b>	48.482 m

## CATCHMENT CLIMATOLOGY

