

## Khapatia Dam

<b>Location</b>	25.2136° N, 81.3717° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Chitrakoot
<b>Year of Completion</b>	1916
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Borega
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	16.0 m
<b>Dam length</b>	806.0 m
<b>Reservoir Area</b>	12600000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	8080000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	5047000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	12.2 km <sup>2</sup>
<b>Perimeter of catchment</b>	15.5 km
<b>Basin Length</b>	4806.8 m
<b>Form factor</b>	0.53010
<b>Circularity ratio</b>	0.64192
<b>Elongation ratio</b>	0.82127
<b>Highest Stream order</b>	6
<b>Max elevation</b>	221.0 m
<b>Min elevation</b>	117.0 m
<b>Mean bifurcation ratio</b>	3.2342
<b>Stream frequency</b>	88.8320 per km <sup>2</sup>
<b>Relief</b>	104.00 m
<b>Drainage density</b>	12.8740 km/km <sup>2</sup>
<b>Length of overland flow</b>	38.838 m

## CATCHMENT CLIMATOLOGY

