

## Baghel Khand Dam

<b>Location</b>	27.6214° N, 82.4158° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Balrampur.
<b>Year of Completion</b>	1957
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Jamunahwa
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	15.0 m
<b>Dam length</b>	3200.0 m
<b>Reservoir Area</b>	1610000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	2720000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	2490000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	3.0 km <sup>2</sup>
<b>Perimeter of catchment</b>	7.4 km
<b>Basin Length</b>	2740.1 m
<b>Form factor</b>	0.40002
<b>Circularity ratio</b>	0.68259
<b>Elongation ratio</b>	0.71343
<b>Highest Stream order</b>	4
<b>Max elevation</b>	150.0 m
<b>Min elevation</b>	127.0 m
<b>Mean bifurcation ratio</b>	3.9530
<b>Stream frequency</b>	99.8850 per km <sup>2</sup>
<b>Relief</b>	23.00 m
<b>Drainage density</b>	13.6030 km/km <sup>2</sup>
<b>Length of overland flow</b>	36.757 m

## CATCHMENT CLIMATOLOGY

