

## Patkhauli Dam

<b>Location</b>	26.9619° N, 82.6278° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Bahraich
<b>Year of Completion</b>	Not Available
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Ghataprabha
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	18.0 m
<b>Dam length</b>	4721.0 m
<b>Reservoir Area</b>	181770.0 m <sup>2</sup>
<b>Gross storage capacity</b>	163000000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	114100000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	2274.8 km <sup>2</sup>
<b>Perimeter of catchment</b>	390.9 km
<b>Basin Length</b>	121700.0 m
<b>Form factor</b>	0.15358
<b>Circularity ratio</b>	0.18717
<b>Elongation ratio</b>	0.44206
<b>Highest Stream order</b>	8
<b>Max elevation</b>	130.0 m
<b>Min elevation</b>	85.0 m
<b>Mean bifurcation ratio</b>	13.5810
<b>Stream frequency</b>	73.6850 per km <sup>2</sup>
<b>Relief</b>	45.00 m
<b>Drainage density</b>	9.4840 km/km <sup>2</sup>
<b>Length of overland flow</b>	52.723 m

## CATCHMENT CLIMATOLOGY

