

## Bhagwan Pur Dam

<b>Location</b>	27.5931° N, 82.4489° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Gonda
<b>Year of Completion</b>	1965
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Nakti Nala
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	14.5 m
<b>Dam length</b>	4400.0 m
<b>Reservoir Area</b>	401044000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	9770000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	8836000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	39.6 km <sup>2</sup>
<b>Perimeter of catchment</b>	31.9 km
<b>Basin Length</b>	11255.0 m
<b>Form factor</b>	0.31231
<b>Circularity ratio</b>	0.48727
<b>Elongation ratio</b>	0.63038
<b>Highest Stream order</b>	6
<b>Max elevation</b>	208.0 m
<b>Min elevation</b>	116.0 m
<b>Mean bifurcation ratio</b>	8.5649
<b>Stream frequency</b>	76.3610 per km <sup>2</sup>
<b>Relief</b>	92.00 m
<b>Drainage density</b>	9.8920 km/km <sup>2</sup>
<b>Length of overland flow</b>	50.545 m

## CATCHMENT CLIMATOLOGY

