

## Jharia Dam

<b>Location</b>	24.2031° N, 83.0069° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Robertsganj
<b>Year of Completion</b>	1992
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Local
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	12.7 m
<b>Dam length</b>	770.0 m
<b>Reservoir Area</b>	395198026.0 m <sup>2</sup>
<b>Gross storage capacity</b>	715000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	470500.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	12817.0 km <sup>2</sup>
<b>Perimeter of catchment</b>	808.0 km
<b>Basin Length</b>	188520.0 m
<b>Form factor</b>	0.36062
<b>Circularity ratio</b>	0.24676
<b>Elongation ratio</b>	0.67739
<b>Highest Stream order</b>	9
<b>Max elevation</b>	1225.0 m
<b>Min elevation</b>	176.0 m
<b>Mean bifurcation ratio</b>	2.1238
<b>Stream frequency</b>	77.5540 per km <sup>2</sup>
<b>Relief</b>	1049.00 m
<b>Drainage density</b>	10.6580 km/km <sup>2</sup>
<b>Length of overland flow</b>	46.912 m

## CATCHMENT CLIMATOLOGY

