

## Ghori Dam

<b>Location</b>	24.9364° N, 82.4281° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Mirzapur
<b>Year of Completion</b>	1915
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Ghori
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	13.9 m
<b>Dam length</b>	1584.0 m
<b>Reservoir Area</b>	314196000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	13790000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	9653000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	40.3 km <sup>2</sup>
<b>Perimeter of catchment</b>	29.8 km
<b>Basin Length</b>	11145.0 m
<b>Form factor</b>	0.32457
<b>Circularity ratio</b>	0.57172
<b>Elongation ratio</b>	0.64264
<b>Highest Stream order</b>	6
<b>Max elevation</b>	232.0 m
<b>Min elevation</b>	167.0 m
<b>Mean bifurcation ratio</b>	2.2622
<b>Stream frequency</b>	77.8170 per km <sup>2</sup>
<b>Relief</b>	65.00 m
<b>Drainage density</b>	10.5620 km/km <sup>2</sup>
<b>Length of overland flow</b>	47.341 m

## CATCHMENT CLIMATOLOGY

