

## Kargara Dam

<b>Location</b>	24.6083° N, 82.9842° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Robertsganj
<b>Year of Completion</b>	1978
<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>	16.8 m
<b>Dam length</b>	1410.0 m
<b>Reservoir Area</b>	101924.0 m <sup>2</sup>
<b>Gross storage capacity</b>	1515000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	1195000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	7.0 km <sup>2</sup>
<b>Perimeter of catchment</b>	12.9 km
<b>Basin Length</b>	3774.6 m
<b>Form factor</b>	0.49267
<b>Circularity ratio</b>	0.52735
<b>Elongation ratio</b>	0.79175
<b>Highest Stream order</b>	5
<b>Max elevation</b>	466.0 m
<b>Min elevation</b>	199.0 m
<b>Mean bifurcation ratio</b>	2.6068
<b>Stream frequency</b>	84.4810 per km <sup>2</sup>
<b>Relief</b>	267.00 m
<b>Drainage density</b>	11.4080 km/km <sup>2</sup>
<b>Length of overland flow</b>	43.828 m

## CATCHMENT CLIMATOLOGY

