

## Gularia Dam

<b>Location</b>	25.0781° N, 82.1786° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Allahabad
<b>Year of Completion</b>	1966
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Gularia Stream
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	11.2 m
<b>Dam length</b>	3200.0 m
<b>Reservoir Area</b>	3050000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	330000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	329000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	40.8 km <sup>2</sup>
<b>Perimeter of catchment</b>	35.4 km
<b>Basin Length</b>	8269.6 m
<b>Form factor</b>	0.59629
<b>Circularity ratio</b>	0.40973
<b>Elongation ratio</b>	0.87104
<b>Highest Stream order</b>	6
<b>Max elevation</b>	161.0 m
<b>Min elevation</b>	104.0 m
<b>Mean bifurcation ratio</b>	4.0810
<b>Stream frequency</b>	77.0030 per km <sup>2</sup>
<b>Relief</b>	57.00 m
<b>Drainage density</b>	10.4480 km/km <sup>2</sup>
<b>Length of overland flow</b>	47.858 m

## CATCHMENT CLIMATOLOGY

