

## Khairman Dam

<b>Location</b>	27.7686° N, 82.2242° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Gonda
<b>Year of Completion</b>	1958
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Henga Nala
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	10.6 m
<b>Dam length</b>	3020.0 m
<b>Reservoir Area</b>	4994000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	5051000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	1447000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	14.3 km <sup>2</sup>
<b>Perimeter of catchment</b>	17.8 km
<b>Basin Length</b>	6764.5 m
<b>Form factor</b>	0.31312
<b>Circularity ratio</b>	0.56973
<b>Elongation ratio</b>	0.63119
<b>Highest Stream order</b>	5
<b>Max elevation</b>	248.0 m
<b>Min elevation</b>	163.0 m
<b>Mean bifurcation ratio</b>	9.0627
<b>Stream frequency</b>	78.1020 per km <sup>2</sup>
<b>Relief</b>	85.00 m
<b>Drainage density</b>	10.1610 km/km <sup>2</sup>
<b>Length of overland flow</b>	49.208 m

## CATCHMENT CLIMATOLOGY

