

## Majhgawan Dam

<b>Location</b>	25.1853° N, 79.5406° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Hamirpur.
<b>Year of Completion</b>	1917
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Gunchi Nala
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	19.4 m
<b>Dam length</b>	1402.0 m
<b>Reservoir Area</b>	2430747.0 m <sup>2</sup>
<b>Gross storage capacity</b>	25460000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	25050000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	52.8 km <sup>2</sup>
<b>Perimeter of catchment</b>	36.5 km
<b>Basin Length</b>	13402.0 m
<b>Form factor</b>	0.29408
<b>Circularity ratio</b>	0.49718
<b>Elongation ratio</b>	0.61171
<b>Highest Stream order</b>	6
<b>Max elevation</b>	307.0 m
<b>Min elevation</b>	208.0 m
<b>Mean bifurcation ratio</b>	3.3639
<b>Stream frequency</b>	71.4680 per km <sup>2</sup>
<b>Relief</b>	99.00 m
<b>Drainage density</b>	9.1240 km/km <sup>2</sup>
<b>Length of overland flow</b>	54.802 m

## CATCHMENT CLIMATOLOGY

