

## Gunta Dam

<b>Location</b>	25.2233° N, 81.1425° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Chitrakoot
<b>Year of Completion</b>	2003
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Gunta Nala
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	28.5 m
<b>Dam length</b>	5700.0 m
<b>Reservoir Area</b>	7142950.0 m <sup>2</sup>
<b>Gross storage capacity</b>	28800000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	24500000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	98.8 km <sup>2</sup>
<b>Perimeter of catchment</b>	68.4 km
<b>Basin Length</b>	23117.0 m
<b>Form factor</b>	0.18494
<b>Circularity ratio</b>	0.26519
<b>Elongation ratio</b>	0.48509
<b>Highest Stream order</b>	6
<b>Max elevation</b>	282.0 m
<b>Min elevation</b>	111.0 m
<b>Mean bifurcation ratio</b>	2.1200
<b>Stream frequency</b>	76.6900 per km <sup>2</sup>
<b>Relief</b>	171.00 m
<b>Drainage density</b>	10.2900 km/km <sup>2</sup>
<b>Length of overland flow</b>	48.591 m

## CATCHMENT CLIMATOLOGY

