

## Kohar Gaddi Dam

<b>Location</b>	27.6153° N, 82.6542° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Balrampur.
<b>Year of Completion</b>	1930
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Bhabhar Nala
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	10.5 m
<b>Dam length</b>	2820.0 m
<b>Reservoir Area</b>	3107000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	12543000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	10980000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	17.1 km <sup>2</sup>
<b>Perimeter of catchment</b>	24.0 km
<b>Basin Length</b>	8547.5 m
<b>Form factor</b>	0.23375
<b>Circularity ratio</b>	0.37330
<b>Elongation ratio</b>	0.54536
<b>Highest Stream order</b>	6
<b>Max elevation</b>	194.0 m
<b>Min elevation</b>	118.0 m
<b>Mean bifurcation ratio</b>	7.3704
<b>Stream frequency</b>	76.0640 per km <sup>2</sup>
<b>Relief</b>	76.00 m
<b>Drainage density</b>	9.9290 km/km <sup>2</sup>
<b>Length of overland flow</b>	50.360 m

## CATCHMENT CLIMATOLOGY

