

## Deori Dam

<b>Location</b>	24.7050° N, 83.3547° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Robertsganj
<b>Year of Completion</b>	1978
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Local
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	12.3 m
<b>Dam length</b>	930.0 m
<b>Reservoir Area</b>	380619.0 m <sup>2</sup>
<b>Gross storage capacity</b>	2227000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	2011000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	5.5 km <sup>2</sup>
<b>Perimeter of catchment</b>	10.3 km
<b>Basin Length</b>	3494.6 m
<b>Form factor</b>	0.44820
<b>Circularity ratio</b>	0.64850
<b>Elongation ratio</b>	0.75517
<b>Highest Stream order</b>	4
<b>Max elevation</b>	432.0 m
<b>Min elevation</b>	330.0 m
<b>Mean bifurcation ratio</b>	3.0200
<b>Stream frequency</b>	85.8690 per km <sup>2</sup>
<b>Relief</b>	102.00 m
<b>Drainage density</b>	12.0710 km/km <sup>2</sup>
<b>Length of overland flow</b>	41.421 m

## CATCHMENT CLIMATOLOGY

