

## Jaiwanti Dam

<b>Location</b>	25.1856° N, 81.2178° E
<b>State</b>	Uttar Pradesh
<b>Nearest City</b>	Chitrakoot
<b>Year of Completion</b>	1928
<b>Operated and Maintained by</b>	Uttar Pradesh Irrigation and Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Jaiwanti
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	15.0 m
<b>Dam length</b>	3352.0 m
<b>Reservoir Area</b>	81000000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	9430000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	9146000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	20.6 km <sup>2</sup>
<b>Perimeter of catchment</b>	23.8 km
<b>Basin Length</b>	8803.6 m
<b>Form factor</b>	0.26574
<b>Circularity ratio</b>	0.45739
<b>Elongation ratio</b>	0.58149
<b>Highest Stream order</b>	6
<b>Max elevation</b>	252.0 m
<b>Min elevation</b>	120.0 m
<b>Mean bifurcation ratio</b>	2.1902
<b>Stream frequency</b>	83.1710 per km <sup>2</sup>
<b>Relief</b>	132.00 m
<b>Drainage density</b>	11.5400 km/km <sup>2</sup>
<b>Length of overland flow</b>	43.329 m

## CATCHMENT CLIMATOLOGY

