

## Jhirciri Dam

<b>Location</b>	23.6431° N, 80.5731° E
<b>State</b>	Madhya Pradesh
<b>Nearest City</b>	Murwara
<b>Year of Completion</b>	1990
<b>Operated and Maintained by</b>	Madhya Pradesh Water Resources Department
<b>River Basin</b>	Ganga
<b>River</b>	Jhirciri Nalla
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	14.4 m
<b>Dam length</b>	1396.0 m
<b>Reservoir Area</b>	1475000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	4690000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	3930000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	30.8 km <sup>2</sup>
<b>Perimeter of catchment</b>	27.1 km
<b>Basin Length</b>	10575.0 m
<b>Form factor</b>	0.27552
<b>Circularity ratio</b>	0.52798
<b>Elongation ratio</b>	0.59209
<b>Highest Stream order</b>	5
<b>Max elevation</b>	606.0 m
<b>Min elevation</b>	419.0 m
<b>Mean bifurcation ratio</b>	2.2910
<b>Stream frequency</b>	72.6290 per km <sup>2</sup>
<b>Relief</b>	187.00 m
<b>Drainage density</b>	9.4160 km/km <sup>2</sup>
<b>Length of overland flow</b>	53.099 m

## CATCHMENT CLIMATOLOGY

