

## Burlai Dam

<b>Location</b>	23.6544° N, 76.2628° E
<b>State</b>	Madhya Pradesh
<b>Nearest City</b>	Shajapur
<b>Year of Completion</b>	1974
<b>Operated and Maintained by</b>	Madhya Pradesh 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>	20.7 m
<b>Dam length</b>	821.6 m
<b>Reservoir Area</b>	673000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	2860000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	2426000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	13.7 km <sup>2</sup>
<b>Perimeter of catchment</b>	17.4 km
<b>Basin Length</b>	5403.9 m
<b>Form factor</b>	0.46776
<b>Circularity ratio</b>	0.56965
<b>Elongation ratio</b>	0.77147
<b>Highest Stream order</b>	6
<b>Max elevation</b>	462.0 m
<b>Min elevation</b>	414.0 m
<b>Mean bifurcation ratio</b>	12.3870
<b>Stream frequency</b>	76.9430 per km <sup>2</sup>
<b>Relief</b>	48.00 m
<b>Drainage density</b>	10.0550 km/km <sup>2</sup>
<b>Length of overland flow</b>	49.727 m

## CATCHMENT CLIMATOLOGY

