

## Umargarh Dam

<b>Location</b>	24.0242° N, 81.1642° E
<b>State</b>	Madhya Pradesh
<b>Nearest City</b>	Shahdol
<b>Year of Completion</b>	1978
<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>	26.9 m
<b>Dam length</b>	180.0 m
<b>Reservoir Area</b>	207000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	900000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	2.4 km <sup>2</sup>
<b>Perimeter of catchment</b>	7.0 km
<b>Basin Length</b>	2447.8 m
<b>Form factor</b>	0.40434
<b>Circularity ratio</b>	0.61336
<b>Elongation ratio</b>	0.71727
<b>Highest Stream order</b>	4
<b>Max elevation</b>	426.0 m
<b>Min elevation</b>	352.0 m
<b>Mean bifurcation ratio</b>	2.4630
<b>Stream frequency</b>	73.8850 per km <sup>2</sup>
<b>Relief</b>	74.00 m
<b>Drainage density</b>	9.2400 km/km <sup>2</sup>
<b>Length of overland flow</b>	54.111 m

## CATCHMENT CLIMATOLOGY

