

## Karoli Dam

Location	22.0761° N, 75.9492° E
State	Madhya Pradesh
Nearest City	Mandsaur
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	480.0 m
Reservoir Area	309000.0 m <sup>2</sup>
Gross storage capacity	1645000.0 m <sup>3</sup>
Effective storage capacity	1432000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.9 km <sup>2</sup>
Perimeter of catchment	12.8 km
Basin Length	4982.3 m
Form factor	0.19914
Circularity ratio	0.38167
Elongation ratio	0.50337
Highest Stream order	4
Max elevation	287.0 m
Min elevation	209.0 m
Mean bifurcation ratio	2.4053
Stream frequency	80.1110 per km <sup>2</sup>
Relief	78.00 m
Drainage density	10.7980 km/km <sup>2</sup>
Length of overland flow	46.306 m

## CATCHMENT CLIMATOLOGY

