

## Kanhaiya Dam

Location	24.5753° N, 81.7900° E
State	Madhya Pradesh
Nearest City	Mauganj
Year of Completion	1969
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	1200.0 m
Reservoir Area	322785.0 m <sup>2</sup>
Gross storage capacity	1037000.0 m <sup>3</sup>
Effective storage capacity	975000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.7 km <sup>2</sup>
Perimeter of catchment	11.7 km
Basin Length	4683.7 m
Form factor	0.25956
Circularity ratio	0.52572
Elongation ratio	0.57468
Highest Stream order	4
Max elevation	430.0 m
Min elevation	377.0 m
Mean bifurcation ratio	2.3628
Stream frequency	74.1140 per km <sup>2</sup>
Relief	53.00 m
Drainage density	9.4250 km/km <sup>2</sup>
Length of overland flow	53.052 m

## CATCHMENT CLIMATOLOGY

