

## Kasturipura Dam

Location	24.0594° N, 76.9522° E
State	Madhya Pradesh
Nearest City	Rajgarh
Year of Completion	1968
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	1051.6 m
Reservoir Area	372000.0 m <sup>2</sup>
Gross storage capacity	999000.0 m <sup>3</sup>
Effective storage capacity	932000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.5 km <sup>2</sup>
Perimeter of catchment	12.3 km
Basin Length	5018.9 m
Form factor	0.29696
Circularity ratio	0.62007
Elongation ratio	0.61469
Highest Stream order	5
Max elevation	431.0 m
Min elevation	396.0 m
Mean bifurcation ratio	2.2201
Stream frequency	73.9280 per km <sup>2</sup>
Relief	35.00 m
Drainage density	9.5990 km/km <sup>2</sup>
Length of overland flow	52.088 m

## CATCHMENT CLIMATOLOGY

