

## Mehra Khapa Dam

Location	21.5625° N, 78.6847° E
State	Madhya Pradesh
Nearest City	Sausar
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.5 m
Dam length	210.0 m
Reservoir Area	208000.0 m <sup>2</sup>
Gross storage capacity	943000.0 m <sup>3</sup>
Effective storage capacity	841000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.8 km <sup>2</sup>
Perimeter of catchment	13.2 km
Basin Length	4834.1 m
Form factor	0.29096
Circularity ratio	0.49403
Elongation ratio	0.60845
Highest Stream order	4
Max elevation	495.0 m
Min elevation	405.0 m
Mean bifurcation ratio	2.4961
Stream frequency	80.4480 per km <sup>2</sup>
Relief	90.00 m
Drainage density	11.2250 km/km <sup>2</sup>
Length of overland flow	44.542 m

## CATCHMENT CLIMATOLOGY

