

## Khapa Dam

Location	23.0317° N, 80.1556° E
State	Madhya Pradesh
Nearest City	Niwas
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Ranwai Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	645.0 m
Reservoir Area	537000.0 m <sup>2</sup>
Gross storage capacity	807000.0 m <sup>3</sup>
Effective storage capacity	750000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km <sup>2</sup>
Perimeter of catchment	6.8 km
Basin Length	1866.7 m
Form factor	0.60911
Circularity ratio	0.57522
Elongation ratio	0.88036
Highest Stream order	3
Max elevation	593.0 m
Min elevation	497.0 m
Mean bifurcation ratio	2.3821
Stream frequency	86.6890 per km <sup>2</sup>
Relief	96.00 m
Drainage density	12.0770 km/km <sup>2</sup>
Length of overland flow	41.401 m

## CATCHMENT CLIMATOLOGY

