

## Kotabardi Dam

Location	21.9856° N, 79.0142° E
State	Madhya Pradesh
Nearest City	Chhindwara
Year of Completion	1977
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	335.0 m
Reservoir Area	348500.0 m <sup>2</sup>
Gross storage capacity	1170000.0 m <sup>3</sup>
Effective storage capacity	1085000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.5 km <sup>2</sup>
Perimeter of catchment	7.7 km
Basin Length	2146.4 m
Form factor	0.76794
Circularity ratio	0.74606
Elongation ratio	0.98849
Highest Stream order	4
Max elevation	707.0 m
Min elevation	632.0 m
Mean bifurcation ratio	4.9179
Stream frequency	77.7320 per km <sup>2</sup>
Relief	75.00 m
Drainage density	10.6630 km/km <sup>2</sup>
Length of overland flow	46.893 m

## CATCHMENT CLIMATOLOGY

