

## Kanadgaon Dam

Location	19.6017° N, 75.6644° E
State	Maharashtra
Nearest City	Ambad
Year of Completion	1986
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.9 m
Dam length	2308.0 m
Reservoir Area	1220000.0 m <sup>2</sup>
Gross storage capacity	2875000.0 m <sup>3</sup>
Effective storage capacity	2455000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	39.6 km <sup>2</sup>
Perimeter of catchment	27.0 km
Basin Length	9407.6 m
Form factor	0.44776
Circularity ratio	0.68452
Elongation ratio	0.75480
Highest Stream order	6
Max elevation	654.0 m
Min elevation	480.0 m
Mean bifurcation ratio	4.9567
Stream frequency	79.9690 per km <sup>2</sup>
Relief	174.00 m
Drainage density	11.3430 km/km <sup>2</sup>
Length of overland flow	44.080 m

## CATCHMENT CLIMATOLOGY

