

## Chaigaon Dam

Location	20.1536° N, 76.4881° E
State	Maharashtra
Nearest City	Mehkar
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	640.0 m
Reservoir Area	244420.0 m <sup>2</sup>
Gross storage capacity	1283000.0 m <sup>3</sup>
Effective storage capacity	1182000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.7 km <sup>2</sup>
Perimeter of catchment	13.2 km
Basin Length	4387.4 m
Form factor	0.50233
Circularity ratio	0.69623
Elongation ratio	0.79947
Highest Stream order	5
Max elevation	607.0 m
Min elevation	548.0 m
Mean bifurcation ratio	2.3622
Stream frequency	83.1500 per km <sup>2</sup>
Relief	59.00 m
Drainage density	11.8150 km/km <sup>2</sup>
Length of overland flow	42.320 m

## CATCHMENT CLIMATOLOGY

