

## Ghagardara Dam

Location	18.8436° N, 76.9133° E
State	Maharashtra
Nearest City	Kandhar
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.4 m
Dam length	384.0 m
Reservoir Area	374000.0 m <sup>2</sup>
Gross storage capacity	2812000.0 m <sup>3</sup>
Effective storage capacity	2397000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.7 km <sup>2</sup>
Perimeter of catchment	8.8 km
Basin Length	2860.7 m
Form factor	0.45599
Circularity ratio	0.60999
Elongation ratio	0.76171
Highest Stream order	4
Max elevation	536.0 m
Min elevation	436.0 m
Mean bifurcation ratio	2.2922
Stream frequency	71.2820 per km <sup>2</sup>
Relief	100.00 m
Drainage density	9.6280 km/km <sup>2</sup>
Length of overland flow	51.930 m

## CATCHMENT CLIMATOLOGY

