

## Ghagardara Dam

Location	18.7528° N, 77.1936° E
State	Maharashtra
Nearest City	Kandhar
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.8 m
Dam length	315.0 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	41.0 km <sup>2</sup>
Perimeter of catchment	28.4 km
Basin Length	10849.0 m
Form factor	0.34869
Circularity ratio	0.63935
Elongation ratio	0.66609
Highest Stream order	5
Max elevation	558.0 m
Min elevation	449.0 m
Mean bifurcation ratio	2.3943
Stream frequency	79.0950 per km <sup>2</sup>
Relief	109.00 m
Drainage density	11.3200 km/km <sup>2</sup>
Length of overland flow	44.169 m

## CATCHMENT CLIMATOLOGY

