

## Hagdul Gugdal Dam

Location	18.7408° N, 76.9789° E
State	Maharashtra
Nearest City	Ahmedpur
Year of Completion	2006
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	755.0 m
Reservoir Area	377084.0 m <sup>2</sup>
Gross storage capacity	2819000.0 m <sup>3</sup>
Effective storage capacity	2522000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	58.6 km <sup>2</sup>
Perimeter of catchment	40.6 km
Basin Length	15468.0 m
Form factor	0.24481
Circularity ratio	0.44667
Elongation ratio	0.55812
Highest Stream order	6
Max elevation	586.0 m
Min elevation	471.0 m
Mean bifurcation ratio	2.5356
Stream frequency	80.6710 per km <sup>2</sup>
Relief	115.00 m
Drainage density	11.4460 km/km <sup>2</sup>
Length of overland flow	43.682 m

## CATCHMENT CLIMATOLOGY

