

## Mavalgaon Dam

Location	18.6958° N, 77.1750° E
State	Maharashtra
Nearest City	Ahmedpur
Year of Completion	2010
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.1 m
Dam length	734.0 m
Reservoir Area	237600.0 m <sup>2</sup>
Gross storage capacity	1150000.0 m <sup>3</sup>
Effective storage capacity	1057000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.1 km <sup>2</sup>
Perimeter of catchment	7.2 km
Basin Length	2036.2 m
Form factor	0.74209
Circularity ratio	0.74217
Elongation ratio	0.97171
Highest Stream order	4
Max elevation	551.0 m
Min elevation	502.0 m
Mean bifurcation ratio	3.2235
Stream frequency	83.2060 per km <sup>2</sup>
Relief	49.00 m
Drainage density	11.8830 km/km <sup>2</sup>
Length of overland flow	42.075 m

## CATCHMENT CLIMATOLOGY

