

Molvan Dam

Location	18.7689° N, 76.7578° 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	18.6 m
Dam length	296.0 m
Reservoir Area	52600.0 m ²
Gross storage capacity	1020000.0 m ³
Effective storage capacity	924000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.6 km ²
Perimeter of catchment	8.5 km
Basin Length	2237.4 m
Form factor	0.92743
Circularity ratio	0.81038
Elongation ratio	1.08630
Highest Stream order	4
Max elevation	565.0 m
Min elevation	492.0 m
Mean bifurcation ratio	2.6028
Stream frequency	79.6930 per km ²
Relief	73.00 m
Drainage density	11.1110 km/km ²
Length of overland flow	45.001 m

CATCHMENT CLIMATOLOGY

