

Morwad Dam

Location	18.5986° N, 76.4597° E
State	Maharashtra
Nearest City	Renapur
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	1476.0 m
Reservoir Area	950000.0 m ²
Gross storage capacity	2402000.0 m ³
Effective storage capacity	2193000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.6 km ²
Perimeter of catchment	13.0 km
Basin Length	4729.7 m
Form factor	0.34105
Circularity ratio	0.56740
Elongation ratio	0.65875
Highest Stream order	4
Max elevation	672.0 m
Min elevation	620.0 m
Mean bifurcation ratio	2.4667
Stream frequency	76.2840 per km ²
Relief	52.00 m
Drainage density	10.4510 km/km ²
Length of overland flow	47.840 m

CATCHMENT CLIMATOLOGY

