

## Moorum Nalla Dam

Location	22.0453° N, 79.9547° E
State	Madhya Pradesh
Nearest City	Waraseoni
Year of Completion	1950
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Moorum
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.1 m
Dam length	1725.0 m
Reservoir Area	1200000.0 m <sup>2</sup>
Gross storage capacity	5900000.0 m <sup>3</sup>
Effective storage capacity	5560000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.7 km <sup>2</sup>
Perimeter of catchment	23.9 km
Basin Length	4917.4 m
Form factor	0.93701
Circularity ratio	0.49765
Elongation ratio	1.09190
Highest Stream order	6
Max elevation	636.0 m
Min elevation	369.0 m
Mean bifurcation ratio	4.3194
Stream frequency	84.1220 per km <sup>2</sup>
Relief	267.00 m
Drainage density	11.8420 km/km <sup>2</sup>
Length of overland flow	42.224 m

## CATCHMENT CLIMATOLOGY

