

## Madan Pickup Weir Dam

Location	20.8567° N, 78.5661° E
State	Maharashtra
Nearest City	Arvi
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.6 m
Dam length	3645.0 m
Reservoir Area	2809000.0 m <sup>2</sup>
Gross storage capacity	3720000.0 m <sup>3</sup>
Effective storage capacity	2700000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	75.9 km <sup>2</sup>
Perimeter of catchment	45.2 km
Basin Length	18047.0 m
Form factor	0.23311
Circularity ratio	0.46775
Elongation ratio	0.54461
Highest Stream order	6
Max elevation	478.0 m
Min elevation	269.0 m
Mean bifurcation ratio	2.1279
Stream frequency	76.8440 per km <sup>2</sup>
Relief	209.00 m
Drainage density	10.5480 km/km <sup>2</sup>
Length of overland flow	47.402 m

## CATCHMENT CLIMATOLOGY

