

## Hajipirwadi Dam

Location	20.0625° N, 74.9319° E
State	Maharashtra
Nearest City	Vaijapur
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	336.0 m
Reservoir Area	390000.0 m <sup>2</sup>
Gross storage capacity	1320000.0 m <sup>3</sup>
Effective storage capacity	1150000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.3 km <sup>2</sup>
Perimeter of catchment	20.2 km
Basin Length	6737.3 m
Form factor	0.31555
Circularity ratio	0.44077
Elongation ratio	0.63364
Highest Stream order	5
Max elevation	592.0 m
Min elevation	534.0 m
Mean bifurcation ratio	2.3183
Stream frequency	72.8190 per km <sup>2</sup>
Relief	58.00 m
Drainage density	9.7390 km/km <sup>2</sup>
Length of overland flow	51.339 m

## CATCHMENT CLIMATOLOGY

