

## Pardeshwadi Dam

Location	19.8150° N, 75.2097° E
State	Maharashtra
Nearest City	Gangapur.
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.5 m
Dam length	2460.0 m
Reservoir Area	1039000.0 m <sup>2</sup>
Gross storage capacity	2193000.0 m <sup>3</sup>
Effective storage capacity	2004000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.2 km <sup>2</sup>
Perimeter of catchment	18.8 km
Basin Length	6665.0 m
Form factor	0.41054
Circularity ratio	0.65140
Elongation ratio	0.72275
Highest Stream order	5
Max elevation	559.0 m
Min elevation	501.0 m
Mean bifurcation ratio	2.7141
Stream frequency	73.3670 per km <sup>2</sup>
Relief	58.00 m
Drainage density	9.8710 km/km <sup>2</sup>
Length of overland flow	50.653 m

## CATCHMENT CLIMATOLOGY

