

## Purmepeda Dam

Location	20.6617° N, 74.7844° E
State	Maharashtra
Nearest City	Dhule
Year of Completion	1955
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Bori
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.7 m
Dam length	1500.0 m
Reservoir Area	303000.0 m <sup>2</sup>
Gross storage capacity	16582000.0 m <sup>3</sup>
Effective storage capacity	13520000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	238.1 km <sup>2</sup>
Perimeter of catchment	83.8 km
Basin Length	29210.0 m
Form factor	0.27899
Circularity ratio	0.42618
Elongation ratio	0.59581
Highest Stream order	7
Max elevation	652.0 m
Min elevation	338.0 m
Mean bifurcation ratio	2.3998
Stream frequency	72.3730 per km <sup>2</sup>
Relief	314.00 m
Drainage density	9.7130 km/km <sup>2</sup>
Length of overland flow	51.475 m

## CATCHMENT CLIMATOLOGY

