

## Porjal Dam

Location	19.4606° N, 77.0278° E
State	Maharashtra
Nearest City	Basmath
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	1755.0 m
Reservoir Area	1077000.0 m <sup>2</sup>
Gross storage capacity	2808000.0 m <sup>3</sup>
Effective storage capacity	2656000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.5 km <sup>2</sup>
Perimeter of catchment	18.9 km
Basin Length	6751.4 m
Form factor	0.36196
Circularity ratio	0.57829
Elongation ratio	0.67864
Highest Stream order	5
Max elevation	534.0 m
Min elevation	405.0 m
Mean bifurcation ratio	2.2628
Stream frequency	74.3100 per km <sup>2</sup>
Relief	129.00 m
Drainage density	10.1480 km/km <sup>2</sup>
Length of overland flow	49.273 m

## CATCHMENT CLIMATOLOGY

