

## Pilanwadi Dam

Location	18.2500° N, 74.0672° E
State	Maharashtra
Nearest City	Purandar
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Rudraganganalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.8 m
Dam length	320.0 m
Reservoir Area	395000.0 m <sup>2</sup>
Gross storage capacity	1897000.0 m <sup>3</sup>
Effective storage capacity	1810000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	41.2 km <sup>2</sup>
Perimeter of catchment	29.7 km
Basin Length	8927.2 m
Form factor	0.51681
Circularity ratio	0.58628
Elongation ratio	0.81091
Highest Stream order	6
Max elevation	1219.0 m
Min elevation	702.0 m
Mean bifurcation ratio	2.6288
Stream frequency	76.6500 per km <sup>2</sup>
Relief	517.00 m
Drainage density	10.9060 km/km <sup>2</sup>
Length of overland flow	45.848 m

## CATCHMENT CLIMATOLOGY

