

## Aland Dam

Location	20.2017° N, 75.5450° E
State	Maharashtra
Nearest City	Sillod
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	10.9 m
Dam length	563.0 m
Reservoir Area	170000.0 m <sup>2</sup>
Gross storage capacity	696000.0 m <sup>3</sup>
Effective storage capacity	620000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km <sup>2</sup>
Perimeter of catchment	12.1 km
Basin Length	4723.8 m
Form factor	0.32456
Circularity ratio	0.62615
Elongation ratio	0.64262
Highest Stream order	4
Max elevation	769.0 m
Min elevation	629.0 m
Mean bifurcation ratio	2.6033
Stream frequency	80.3640 per km <sup>2</sup>
Relief	140.00 m
Drainage density	11.3550 km/km <sup>2</sup>
Length of overland flow	44.032 m

## CATCHMENT CLIMATOLOGY

