

## Zapade Dam

Location	16.8394° N, 73.5158° E
State	Maharashtra
Nearest City	Lanja
Year of Completion	1984
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.1 m
Dam length	279.0 m
Reservoir Area	243000.0 m <sup>2</sup>
Gross storage capacity	1671000.0 m <sup>3</sup>
Effective storage capacity	1634000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km <sup>2</sup>
Perimeter of catchment	6.2 km
Basin Length	1777.4 m
Form factor	0.71707
Circularity ratio	0.73275
Elongation ratio	0.95519
Highest Stream order	4
Max elevation	211.0 m
Min elevation	123.0 m
Mean bifurcation ratio	2.8833
Stream frequency	72.8400 per km <sup>2</sup>
Relief	88.00 m
Drainage density	9.3860 km/km <sup>2</sup>
Length of overland flow	53.269 m

## CATCHMENT CLIMATOLOGY

