

Pise (Gated) Dam

Location	19.3144° N, 73.1839° E
State	Maharashtra
Nearest City	Bhivandi
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Bhatasai
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	160.0 m
Reservoir Area	536700.0 m ²
Gross storage capacity	4277000.0 m ³
Effective storage capacity	4095000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	968.5 km ²
Perimeter of catchment	196.5 km
Basin Length	60338.0 m
Form factor	0.26602
Circularity ratio	0.31522
Elongation ratio	0.58179
Highest Stream order	8
Max elevation	1222.0 m
Min elevation	1.0 m
Mean bifurcation ratio	2.1789
Stream frequency	76.0860 per km ²
Relief	1221.00 m
Drainage density	10.6420 km/km ²
Length of overland flow	46.983 m

CATCHMENT CLIMATOLOGY

