

Vinhere Dam

Location	17.9086° N, 73.4008° E
State	Maharashtra
Nearest City	Mahad
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.0 m
Dam length	220.0 m
Reservoir Area	161700.0 m ²
Gross storage capacity	1880500.0 m ³
Effective storage capacity	1599400.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.0 km ²
Perimeter of catchment	9.8 km
Basin Length	2907.6 m
Form factor	0.71047
Circularity ratio	0.79063
Elongation ratio	0.95078
Highest Stream order	4
Max elevation	533.0 m
Min elevation	84.0 m
Mean bifurcation ratio	3.0517
Stream frequency	95.7300 per km ²
Relief	449.00 m
Drainage density	14.9360 km/km ²
Length of overland flow	33.476 m

CATCHMENT CLIMATOLOGY

