

Khaire Dam

Location	18.0456° N, 73.3411° E
State	Maharashtra
Nearest City	Mahad
Year of Completion	1991
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.1 m
Dam length	253.0 m
Reservoir Area	275000.0 m ²
Gross storage capacity	2154000.0 m ³
Effective storage capacity	2021000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.2 km ²
Perimeter of catchment	19.9 km
Basin Length	7493.4 m
Form factor	0.25283
Circularity ratio	0.45186
Elongation ratio	0.56718
Highest Stream order	5
Max elevation	349.0 m
Min elevation	8.0 m
Mean bifurcation ratio	2.8298
Stream frequency	90.5870 per km ²
Relief	341.00 m
Drainage density	13.8060 km/km ²
Length of overland flow	36.216 m

CATCHMENT CLIMATOLOGY

