

Varandh Dam

Location	18.1461° N, 73.5850° E
State	Maharashtra
Nearest City	Mahad
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	26.0 m
Dam length	506.0 m
Reservoir Area	310000.0 m ²
Gross storage capacity	2168000.0 m ³
Effective storage capacity	2084000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.8 km ²
Perimeter of catchment	13.1 km
Basin Length	3056.0 m
Form factor	1.04610
Circularity ratio	0.71353
Elongation ratio	1.15370
Highest Stream order	5
Max elevation	567.0 m
Min elevation	53.0 m
Mean bifurcation ratio	8.6902
Stream frequency	90.2800 per km ²
Relief	514.00 m
Drainage density	13.8160 km/km ²
Length of overland flow	36.191 m

CATCHMENT CLIMATOLOGY

