

Khand Dam

Location	19.7708° N, 73.1167° E
State	Maharashtra
Nearest City	Vikramgad
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.9 m
Dam length	297.0 m
Reservoir Area	983000.0 m ²
Gross storage capacity	4760000.0 m ³
Effective storage capacity	4502000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.3 km ²
Perimeter of catchment	15.4 km
Basin Length	4211.9 m
Form factor	0.69077
Circularity ratio	0.65020
Elongation ratio	0.93751
Highest Stream order	5
Max elevation	144.0 m
Min elevation	54.0 m
Mean bifurcation ratio	2.3538
Stream frequency	73.0360 per km ²
Relief	90.00 m
Drainage density	9.5370 km/km ²
Length of overland flow	52.428 m

CATCHMENT CLIMATOLOGY

