

Morhal Dam

Location	20.5100° N, 77.4094° E
State	Maharashtra
Nearest City	Karanja
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	690.0 m
Reservoir Area	404000.0 m ²
Gross storage capacity	1060000.0 m ³
Effective storage capacity	960000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.4 km ²
Perimeter of catchment	15.3 km
Basin Length	6536.3 m
Form factor	0.24305
Circularity ratio	0.55574
Elongation ratio	0.55610
Highest Stream order	5
Max elevation	433.0 m
Min elevation	376.0 m
Mean bifurcation ratio	2.3261
Stream frequency	73.0940 per km ²
Relief	57.00 m
Drainage density	9.9140 km/km ²
Length of overland flow	50.433 m

CATCHMENT CLIMATOLOGY

