

Mogarda Dam

Location	21.4344° N, 76.9369° E
State	Maharashtra
Nearest City	Dharur
Year of Completion	1988
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	438.0 m
Reservoir Area	214246.0 m ²
Gross storage capacity	1310000.0 m ³
Effective storage capacity	1310000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.8 km ²
Perimeter of catchment	10.0 km
Basin Length	3385.0 m
Form factor	0.50689
Circularity ratio	0.72874
Elongation ratio	0.80309
Highest Stream order	5
Max elevation	499.0 m
Min elevation	357.0 m
Mean bifurcation ratio	2.8068
Stream frequency	83.3340 per km ²
Relief	142.00 m
Drainage density	11.2050 km/km ²
Length of overland flow	44.622 m

CATCHMENT CLIMATOLOGY

