

Dabachiwadi Dam

Location	16.1086° N, 73.6872° E
State	Maharashtra
Nearest City	Kudal
Year of Completion	1993
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	1135.0 m
Reservoir Area	1640000.0 m ²
Gross storage capacity	2441000.0 m ³
Effective storage capacity	2421000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km ²
Perimeter of catchment	6.0 km
Basin Length	1518.7 m
Form factor	1.00240
Circularity ratio	0.80867
Elongation ratio	1.12930
Highest Stream order	4
Max elevation	47.0 m
Min elevation	19.0 m
Mean bifurcation ratio	2.4733
Stream frequency	73.9670 per km ²
Relief	28.00 m
Drainage density	9.7890 km/km ²
Length of overland flow	51.080 m

CATCHMENT CLIMATOLOGY

