

Sakhare Dam

Location	19.9092° N, 72.8133° E
State	Maharashtra
Nearest City	Dahanu
Year of Completion	1968
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.4 m
Dam length	94.5 m
Reservoir Area	4506570.0 m ²
Gross storage capacity	4070000.0 m ³
Effective storage capacity	3420000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.7 km ²
Perimeter of catchment	8.6 km
Basin Length	2208.9 m
Form factor	0.95546
Circularity ratio	0.78445
Elongation ratio	1.10260
Highest Stream order	5
Max elevation	211.0 m
Min elevation	23.0 m
Mean bifurcation ratio	3.9181
Stream frequency	88.5920 per km ²
Relief	188.00 m
Drainage density	12.7940 km/km ²
Length of overland flow	39.080 m

CATCHMENT CLIMATOLOGY

