

Jambhivali Dam

Location	18.8414° N, 73.1781° E
State	Maharashtra
Nearest City	Ambarnath
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.4 m
Dam length	420.0 m
Reservoir Area	295000.0 m ²
Gross storage capacity	2262000.0 m ³
Effective storage capacity	2192000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.6 km ²
Perimeter of catchment	9.2 km
Basin Length	2505.1 m
Form factor	0.89401
Circularity ratio	0.83295
Elongation ratio	1.06650
Highest Stream order	4
Max elevation	359.0 m
Min elevation	29.0 m
Mean bifurcation ratio	2.6984
Stream frequency	93.2200 per km ²
Relief	330.00 m
Drainage density	14.1100 km/km ²
Length of overland flow	35.436 m

CATCHMENT CLIMATOLOGY

