

Vilwade Dam

Location	15.8614° N, 73.8839° E
State	Maharashtra
Nearest City	Sawantwadi
Year of Completion	2002
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	495.0 m
Reservoir Area	431360.0 m ²
Gross storage capacity	1630000.0 m ³
Effective storage capacity	1584000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.5 km ²
Perimeter of catchment	9.2 km
Basin Length	2768.2 m
Form factor	0.45742
Circularity ratio	0.52414
Elongation ratio	0.76289
Highest Stream order	5
Max elevation	118.0 m
Min elevation	20.0 m
Mean bifurcation ratio	2.4923
Stream frequency	80.7390 per km ²
Relief	98.00 m
Drainage density	10.6820 km/km ²
Length of overland flow	46.807 m

CATCHMENT CLIMATOLOGY

