

Vapholi Dam

Location	15.8444° N, 73.8753° E
State	Maharashtra
Nearest City	Sawantwadi
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Vapholi
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.9 m
Dam length	450.0 m
Reservoir Area	348000.0 m ²
Gross storage capacity	2394000.0 m ³
Effective storage capacity	2333000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.2 km ²
Perimeter of catchment	7.5 km
Basin Length	2407.1 m
Form factor	0.37739
Circularity ratio	0.48362
Elongation ratio	0.69296
Highest Stream order	3
Max elevation	91.0 m
Min elevation	20.0 m
Mean bifurcation ratio	2.9753
Stream frequency	70.8820 per km ²
Relief	71.00 m
Drainage density	8.3420 km/km ²
Length of overland flow	59.941 m

CATCHMENT CLIMATOLOGY

