

Vidhe Dam

Location	19.2411° N, 73.4844° E
State	Maharashtra
Nearest City	Murbad
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Masuricha
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	495.0 m
Reservoir Area	411600.0 m ²
Gross storage capacity	1610000.0 m ³
Effective storage capacity	1340000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.4 km ²
Perimeter of catchment	7.0 km
Basin Length	1921.2 m
Form factor	0.92806
Circularity ratio	0.86717
Elongation ratio	1.08670
Highest Stream order	4
Max elevation	165.0 m
Min elevation	100.0 m
Mean bifurcation ratio	3.0624
Stream frequency	72.9790 per km ²
Relief	65.00 m
Drainage density	9.5770 km/km ²
Length of overland flow	52.209 m

CATCHMENT CLIMATOLOGY

