

Tide Dam

Location	17.9619° N, 73.3167° E
State	Maharashtra
Nearest City	Mandangad
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Gaymukh Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	32.9 m
Dam length	918.0 m
Reservoir Area	53853.0 m ²
Gross storage capacity	7507000.0 m ³
Effective storage capacity	7298000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.1 km ²
Perimeter of catchment	19.4 km
Basin Length	4597.5 m
Form factor	0.80818
Circularity ratio	0.57154
Elongation ratio	1.01410
Highest Stream order	6
Max elevation	392.0 m
Min elevation	83.0 m
Mean bifurcation ratio	3.6860
Stream frequency	79.6150 per km ²
Relief	309.00 m
Drainage density	11.4360 km/km ²
Length of overland flow	43.721 m

CATCHMENT CLIMATOLOGY

