

Deharang Dam

Location	19.0317° N, 73.2425° E
State	Maharashtra
Nearest City	Panvel
Year of Completion	1958
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Gadhi
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	335.0 m
Reservoir Area	27000.0 m ²
Gross storage capacity	3507000.0 m ³
Effective storage capacity	2700000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.0 km ²
Perimeter of catchment	24.6 km
Basin Length	5882.6 m
Form factor	0.86728
Circularity ratio	0.62199
Elongation ratio	1.05050
Highest Stream order	5
Max elevation	797.0 m
Min elevation	67.0 m
Mean bifurcation ratio	2.6742
Stream frequency	86.1990 per km ²
Relief	730.00 m
Drainage density	12.6580 km/km ²
Length of overland flow	39.502 m

CATCHMENT CLIMATOLOGY

