

Ambai Dam

Location	19.9592° N, 73.4778° E
State	Maharashtra
Nearest City	Trimbakeshwar
Year of Completion	2010
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.5 m
Dam length	575.0 m
Reservoir Area	234000.0 m ²
Gross storage capacity	1915000.0 m ³
Effective storage capacity	1686000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km ²
Perimeter of catchment	8.4 km
Basin Length	3191.3 m
Form factor	0.39620
Circularity ratio	0.72702
Elongation ratio	0.71002
Highest Stream order	4
Max elevation	812.0 m
Min elevation	660.0 m
Mean bifurcation ratio	2.5500
Stream frequency	76.5760 per km ²
Relief	152.00 m
Drainage density	10.3300 km/km ²
Length of overland flow	48.401 m

CATCHMENT CLIMATOLOGY

