

Ambidumala Dam

Location	19.2661° N, 74.1147° E
State	Maharashtra
Nearest City	Sangamner
Year of Completion	1987
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Kaluriver
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.8 m
Dam length	1145.0 m
Reservoir Area	510000.0 m ²
Gross storage capacity	4390000.0 m ³
Effective storage capacity	4070000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	75.7 km ²
Perimeter of catchment	49.3 km
Basin Length	17420.0 m
Form factor	0.24954
Circularity ratio	0.39091
Elongation ratio	0.56348
Highest Stream order	6
Max elevation	1092.0 m
Min elevation	693.0 m
Mean bifurcation ratio	2.3074
Stream frequency	79.3840 per km ²
Relief	399.00 m
Drainage density	11.3160 km/km ²
Length of overland flow	44.185 m

CATCHMENT CLIMATOLOGY

