

Kondivali Dam

Location	17.6817° N, 73.3908° E
State	Maharashtra
Nearest City	Khed
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	31.1 m
Dam length	511.0 m
Reservoir Area	395500.0 m ²
Gross storage capacity	4685000.0 m ³
Effective storage capacity	4279000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.3 km ²
Perimeter of catchment	13.2 km
Basin Length	4129.7 m
Form factor	0.48850
Circularity ratio	0.60199
Elongation ratio	0.78839
Highest Stream order	5
Max elevation	221.0 m
Min elevation	6.0 m
Mean bifurcation ratio	2.8552
Stream frequency	77.4200 per km ²
Relief	215.00 m
Drainage density	10.7110 km/km ²
Length of overland flow	46.680 m

CATCHMENT CLIMATOLOGY

