

Upper Kadwa Dam

Location	17.2800° N, 73.5644° E
State	Maharashtra
Nearest City	Igatpuri
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Kadavi
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.8 m
Dam length	860.0 m
Reservoir Area	3150000.0 m ²
Gross storage capacity	16460000.0 m ³
Effective storage capacity	11470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.4 km ²
Perimeter of catchment	9.1 km
Basin Length	2747.7 m
Form factor	0.71857
Circularity ratio	0.81603
Elongation ratio	0.95619
Highest Stream order	5
Max elevation	288.0 m
Min elevation	64.0 m
Mean bifurcation ratio	2.6515
Stream frequency	76.1270 per km ²
Relief	224.00 m
Drainage density	10.8820 km/km ²
Length of overland flow	45.947 m

CATCHMENT CLIMATOLOGY

