

Kadwai Dam

Location	17.2797° N, 73.5647° E
State	Maharashtra
Nearest City	Sangneshwar
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.5 m
Dam length	295.0 m
Reservoir Area	2431000.0 m ²
Gross storage capacity	1765000.0 m ³
Effective storage capacity	1639000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.4 km ²
Perimeter of catchment	9.2 km
Basin Length	2747.1 m
Form factor	0.72022
Circularity ratio	0.80621
Elongation ratio	0.95728
Highest Stream order	5
Max elevation	288.0 m
Min elevation	64.0 m
Mean bifurcation ratio	2.6549
Stream frequency	76.1700 per km ²
Relief	224.00 m
Drainage density	10.8840 km/km ²
Length of overland flow	45.941 m

CATCHMENT CLIMATOLOGY

