

Kitwad Dam

Location	15.9717° N, 74.4194° E
State	Maharashtra
Nearest City	Chandgad
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.5 m
Dam length	270.0 m
Reservoir Area	525430.0 m ²
Gross storage capacity	5650000.0 m ³
Effective storage capacity	4930000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.7 km ²
Perimeter of catchment	17.3 km
Basin Length	6801.5 m
Form factor	0.36006
Circularity ratio	0.69862
Elongation ratio	0.67685
Highest Stream order	5
Max elevation	938.0 m
Min elevation	713.0 m
Mean bifurcation ratio	2.5664
Stream frequency	86.0940 per km ²
Relief	225.00 m
Drainage density	12.9480 km/km ²
Length of overland flow	38.616 m

CATCHMENT CLIMATOLOGY

