

Usgaon Dam

Location	19.4700° N, 73.0097° E
State	Maharashtra
Nearest City	Bhiwandi
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.6 m
Dam length	634.0 m
Reservoir Area	860000.0 m ²
Gross storage capacity	5160000.0 m ³
Effective storage capacity	4960000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.0 km ²
Perimeter of catchment	12.1 km
Basin Length	3805.7 m
Form factor	0.54991
Circularity ratio	0.68036
Elongation ratio	0.83648
Highest Stream order	5
Max elevation	408.0 m
Min elevation	20.0 m
Mean bifurcation ratio	3.1382
Stream frequency	90.2750 per km ²
Relief	388.00 m
Drainage density	13.3010 km/km ²
Length of overland flow	37.592 m

CATCHMENT CLIMATOLOGY

