

Alsund Dam

Location	17.2014° N, 74.4917° E
State	Maharashtra
Nearest City	Khanapur.
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	771.0 m
Reservoir Area	503000.0 m ²
Gross storage capacity	1402000.0 m ³
Effective storage capacity	1229000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.5 km ²
Perimeter of catchment	18.6 km
Basin Length	7089.8 m
Form factor	0.34785
Circularity ratio	0.63329
Elongation ratio	0.66528
Highest Stream order	5
Max elevation	698.0 m
Min elevation	609.0 m
Mean bifurcation ratio	2.5565
Stream frequency	73.3220 per km ²
Relief	89.00 m
Drainage density	10.0420 km/km ²
Length of overland flow	49.789 m

CATCHMENT CLIMATOLOGY

