

Donwat Dam

Location	18.7817° N, 73.2556° E
State	Maharashtra
Nearest City	Khalapur
Year of Completion	1972
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.0 m
Dam length	620.0 m
Reservoir Area	600000.0 m ²
Gross storage capacity	3670000.0 m ³
Effective storage capacity	3560000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.4 km ²
Perimeter of catchment	10.0 km
Basin Length	2968.3 m
Form factor	0.60950
Circularity ratio	0.67970
Elongation ratio	0.88064
Highest Stream order	5
Max elevation	373.0 m
Min elevation	73.0 m
Mean bifurcation ratio	2.5165
Stream frequency	78.7670 per km ²
Relief	300.00 m
Drainage density	10.7950 km/km ²
Length of overland flow	46.317 m

CATCHMENT CLIMATOLOGY

