

Usran Dam

Location	18.9072° N, 73.1478° E
State	Maharashtra
Nearest City	Panvel
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	22.9 m
Dam length	249.0 m
Reservoir Area	676000.0 m ²
Gross storage capacity	2055000.0 m ³
Effective storage capacity	2015000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.9 km ²
Perimeter of catchment	5.8 km
Basin Length	1301.7 m
Form factor	1.13080
Circularity ratio	0.71396
Elongation ratio	1.19950
Highest Stream order	4
Max elevation	155.0 m
Min elevation	15.0 m
Mean bifurcation ratio	2.5914
Stream frequency	85.0760 per km ²
Relief	140.00 m
Drainage density	11.1180 km/km ²
Length of overland flow	44.974 m

CATCHMENT CLIMATOLOGY

