

Morale Dam

Location	17.1953° N, 74.6992° E
State	Maharashtra
Nearest City	Tasgaon
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	381.0 m
Reservoir Area	220000.0 m ²
Gross storage capacity	799000.0 m ³
Effective storage capacity	696000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.5 km ²
Perimeter of catchment	14.2 km
Basin Length	4785.9 m
Form factor	0.45867
Circularity ratio	0.65115
Elongation ratio	0.76394
Highest Stream order	5
Max elevation	871.0 m
Min elevation	722.0 m
Mean bifurcation ratio	3.9327
Stream frequency	79.3840 per km ²
Relief	149.00 m
Drainage density	11.2230 km/km ²
Length of overland flow	44.553 m

CATCHMENT CLIMATOLOGY

