

Kotwalbordi Dam

Location	21.2131° N, 78.7631° E
State	Maharashtra
Nearest City	Katol
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.2 m
Dam length	510.0 m
Reservoir Area	433100.0 m ²
Gross storage capacity	1418000.0 m ³
Effective storage capacity	1320000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.1 km ²
Perimeter of catchment	15.5 km
Basin Length	6397.4 m
Form factor	0.17432
Circularity ratio	0.37422
Elongation ratio	0.47095
Highest Stream order	4
Max elevation	500.0 m
Min elevation	395.0 m
Mean bifurcation ratio	2.3489
Stream frequency	80.1780 per km ²
Relief	105.00 m
Drainage density	11.1160 km/km ²
Length of overland flow	44.979 m

CATCHMENT CLIMATOLOGY

