

Kolthan Dam

Location	19.9611° N, 75.3969° E
State	Maharashtra
Nearest City	Aurangabad
Year of Completion	1987
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.2 m
Dam length	912.0 m
Reservoir Area	283000.0 m ²
Gross storage capacity	709000.0 m ³
Effective storage capacity	659000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.9 km ²
Perimeter of catchment	9.9 km
Basin Length	3243.1 m
Form factor	0.55781
Circularity ratio	0.75474
Elongation ratio	0.84246
Highest Stream order	4
Max elevation	929.0 m
Min elevation	658.0 m
Mean bifurcation ratio	2.5894
Stream frequency	84.5410 per km ²
Relief	271.00 m
Drainage density	12.3640 km/km ²
Length of overland flow	40.439 m

CATCHMENT CLIMATOLOGY

