

## Kothare Dam

Location	21.1072° N, 74.5678° E
State	Maharashtra
Nearest City	Dhule
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Shewadinadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	1503.0 m
Reservoir Area	155060.0 m <sup>2</sup>
Gross storage capacity	3464000.0 m <sup>3</sup>
Effective storage capacity	3000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	303.8 km <sup>2</sup>
Perimeter of catchment	106.6 km
Basin Length	40470.0 m
Form factor	0.18550
Circularity ratio	0.33618
Elongation ratio	0.48582
Highest Stream order	7
Max elevation	679.0 m
Min elevation	264.0 m
Mean bifurcation ratio	2.2509
Stream frequency	77.0230 per km <sup>2</sup>
Relief	415.00 m
Drainage density	10.6130 km/km <sup>2</sup>
Length of overland flow	47.114 m

## CATCHMENT CLIMATOLOGY

