

## Narangi Dam

Location	19.9339° N, 74.7139° E
State	Maharashta
Nearest City	Vaijapur
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Narangi
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	17.6 m
Dam length	3722.0 m
Reservoir Area	5120000.0 m <sup>2</sup>
Gross storage capacity	13293000.0 m <sup>3</sup>
Effective storage capacity	11500000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	180.0 km <sup>2</sup>
Perimeter of catchment	64.1 km
Basin Length	21005.0 m
Form factor	0.40794
Circularity ratio	0.55046
Elongation ratio	0.72045
Highest Stream order	7
Max elevation	658.0 m
Min elevation	520.0 m
Mean bifurcation ratio	15.5520
Stream frequency	71.5460 per km <sup>2</sup>
Relief	138.00 m
Drainage density	9.5750 km/km <sup>2</sup>
Length of overland flow	52.221 m

## CATCHMENT CLIMATOLOGY

