

## Sukondi-Waghine Dam

Location	17.8731° N, 73.1250° E
State	Maharashtra
Nearest City	Dapoli
Year of Completion	2008
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.8 m
Dam length	290.0 m
Reservoir Area	660500000.0 m <sup>2</sup>
Gross storage capacity	4319.0 m <sup>3</sup>
Effective storage capacity	3235.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	34.7 km <sup>2</sup>
Perimeter of catchment	29.0 km
Basin Length	8769.1 m
Form factor	0.45094
Circularity ratio	0.52006
Elongation ratio	0.75747
Highest Stream order	6
Max elevation	309.0 m
Min elevation	13.0 m
Mean bifurcation ratio	2.4903
Stream frequency	82.6220 per km <sup>2</sup>
Relief	296.00 m
Drainage density	12.0220 km/km <sup>2</sup>
Length of overland flow	41.589 m

## CATCHMENT CLIMATOLOGY

Data not available.