

## Vanegaon Rajuri Dam

Location	20.6242° N, 75.4353° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	2200.0 m
Reservoir Area	1250050.0 m <sup>2</sup>
Gross storage capacity	2513000.0 m <sup>3</sup>
Effective storage capacity	2021000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	60.9 km <sup>2</sup>
Perimeter of catchment	39.1 km
Basin Length	15815.0 m
Form factor	0.24334
Circularity ratio	0.49977
Elongation ratio	0.55644
Highest Stream order	5
Max elevation	874.0 m
Min elevation	262.0 m
Mean bifurcation ratio	2.1415
Stream frequency	77.6850 per km <sup>2</sup>
Relief	612.00 m
Drainage density	10.6800 km/km <sup>2</sup>
Length of overland flow	46.818 m

## CATCHMENT CLIMATOLOGY

