

## Vadri Dam

Location	21.2808° N, 75.6842° E
State	Maharashtra
Nearest City	Yawal
Year of Completion	1994
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Sur
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.6 m
Dam length	361.0 m
Reservoir Area	270000.0 m <sup>2</sup>
Gross storage capacity	2796000.0 m <sup>3</sup>
Effective storage capacity	2266000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	41.4 km <sup>2</sup>
Perimeter of catchment	29.2 km
Basin Length	8475.3 m
Form factor	0.57628
Circularity ratio	0.61212
Elongation ratio	0.85630
Highest Stream order	6
Max elevation	1046.0 m
Min elevation	334.0 m
Mean bifurcation ratio	2.5729
Stream frequency	83.7560 per km <sup>2</sup>
Relief	712.00 m
Drainage density	12.1270 km/km <sup>2</sup>
Length of overland flow	41.231 m

## CATCHMENT CLIMATOLOGY

