

## Lower Wunna (Wadgaon) Dam

Location	20.8253° N, 79.0519° E
State	Maharashtra
Nearest City	Umred
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Wunna
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.6 m
Dam length	5330.0 m
Reservoir Area	36138000.0 m <sup>2</sup>
Gross storage capacity	151496000.0 m <sup>3</sup>
Effective storage capacity	134896000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.9 km <sup>2</sup>
Perimeter of catchment	28.2 km
Basin Length	10258.0 m
Form factor	0.34100
Circularity ratio	0.56717
Elongation ratio	0.65869
Highest Stream order	6
Max elevation	389.0 m
Min elevation	242.0 m
Mean bifurcation ratio	3.4649
Stream frequency	81.3490 per km <sup>2</sup>
Relief	147.00 m
Drainage density	11.5550 km/km <sup>2</sup>
Length of overland flow	43.270 m

## CATCHMENT CLIMATOLOGY

