

## Wadji Dam

Location	18.4342° N, 75.7731° E
State	Maharashtra
Nearest City	Vashi
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.0 m
Dam length	232.0 m
Reservoir Area	230000.0 m <sup>2</sup>
Gross storage capacity	1753000.0 m <sup>3</sup>
Effective storage capacity	1588000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.5 km <sup>2</sup>
Perimeter of catchment	13.4 km
Basin Length	4653.2 m
Form factor	0.34843
Circularity ratio	0.52572
Elongation ratio	0.66584
Highest Stream order	4
Max elevation	731.0 m
Min elevation	650.0 m
Mean bifurcation ratio	2.6680
Stream frequency	66.8050 per km <sup>2</sup>
Relief	81.00 m
Drainage density	8.7510 km/km <sup>2</sup>
Length of overland flow	57.137 m

## CATCHMENT CLIMATOLOGY

