

Waki (Ahmedpur) Dam

Location	18.6536° N, 76.9122° E
State	Maharashtra
Nearest City	Ahmednagar
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.5 m
Dam length	1293.0 m
Reservoir Area	1676000.0 m ²
Gross storage capacity	5719000.0 m ³
Effective storage capacity	5398000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	51.1 km ²
Perimeter of catchment	40.0 km
Basin Length	14105.0 m
Form factor	0.25674
Circularity ratio	0.40141
Elongation ratio	0.57155
Highest Stream order	5
Max elevation	646.0 m
Min elevation	515.0 m
Mean bifurcation ratio	2.3476
Stream frequency	77.8010 per km ²
Relief	131.00 m
Drainage density	10.8910 km/km ²
Length of overland flow	45.910 m

CATCHMENT CLIMATOLOGY

