

Wakurde Dam

Location	17.0636° N, 74.0411° E
State	Maharashtra
Nearest City	Shirala
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Morna
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.3 m
Dam length	269.0 m
Reservoir Area	280000.0 m ²
Gross storage capacity	1680000.0 m ³
Effective storage capacity	1590000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.1 km ²
Perimeter of catchment	13.5 km
Basin Length	4166.0 m
Form factor	0.58160
Circularity ratio	0.69916
Elongation ratio	0.86024
Highest Stream order	4
Max elevation	873.0 m
Min elevation	657.0 m
Mean bifurcation ratio	2.6379
Stream frequency	75.0930 per km ²
Relief	216.00 m
Drainage density	10.2670 km/km ²
Length of overland flow	48.700 m

CATCHMENT CLIMATOLOGY

