

## Kayankanda Dam

Location	20.8889° N, 74.4058° E
State	Maharashtra
Nearest City	Sakri
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.3 m
Dam length	594.0 m
Reservoir Area	48000.0 m <sup>2</sup>
Gross storage capacity	2220000.0 m <sup>3</sup>
Effective storage capacity	1850000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.9 km <sup>2</sup>
Perimeter of catchment	27.8 km
Basin Length	9843.2 m
Form factor	0.33987
Circularity ratio	0.53496
Elongation ratio	0.65760
Highest Stream order	6
Max elevation	824.0 m
Min elevation	433.0 m
Mean bifurcation ratio	2.1824
Stream frequency	83.3900 per km <sup>2</sup>
Relief	391.00 m
Drainage density	11.9390 km/km <sup>2</sup>
Length of overland flow	41.881 m

## CATCHMENT CLIMATOLOGY

