

Kandalgaon Dam

Location	16.6322° N, 74.2467° E
State	Maharashtra
Nearest City	Karvir
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.4 m
Dam length	670.0 m
Reservoir Area	32000.0 m ²
Gross storage capacity	1710000.0 m ³
Effective storage capacity	1660000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.2 km ²
Perimeter of catchment	12.6 km
Basin Length	3733.1 m
Form factor	0.58705
Circularity ratio	0.64660
Elongation ratio	0.86426
Highest Stream order	5
Max elevation	731.0 m
Min elevation	623.0 m
Mean bifurcation ratio	3.7817
Stream frequency	85.8090 per km ²
Relief	108.00 m
Drainage density	12.8810 km/km ²
Length of overland flow	38.818 m

CATCHMENT CLIMATOLOGY

