

Hingangaon (Sangali) Dam

Location	17.4000° N, 74.3433° E
State	Maharashtra
Nearest City	Kadegaon
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Mandani
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	2010.0 m
Reservoir Area	2760000.0 m ²
Gross storage capacity	7560000.0 m ³
Effective storage capacity	5207000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	195.0 km ²
Perimeter of catchment	65.1 km
Basin Length	19075.0 m
Form factor	0.53578
Circularity ratio	0.57842
Elongation ratio	0.82566
Highest Stream order	7
Max elevation	961.0 m
Min elevation	677.0 m
Mean bifurcation ratio	2.3845
Stream frequency	74.1110 per km ²
Relief	284.00 m
Drainage density	10.2930 km/km ²
Length of overland flow	48.579 m

CATCHMENT CLIMATOLOGY

