

Karanjgaon Dam

Location	15.9000° N, 74.2417° E
State	Maharashtra
Nearest City	Chandagad
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Chandgad
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	296349.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	83.7 km ²
Perimeter of catchment	42.3 km
Basin Length	12923.0 m
Form factor	0.50112
Circularity ratio	0.58727
Elongation ratio	0.79851
Highest Stream order	6
Max elevation	982.0 m
Min elevation	694.0 m
Mean bifurcation ratio	2.4344
Stream frequency	80.8400 per km ²
Relief	288.00 m
Drainage density	11.7940 km/km ²
Length of overland flow	42.394 m

CATCHMENT CLIMATOLOGY

