

Rakshaswadi Bk Dam

Location	18.5200° N, 74.8322° E
State	Maharashtra
Nearest City	Karjat
Year of Completion	1986
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	840.0 m
Reservoir Area	64000.0 m ²
Gross storage capacity	1280000.0 m ³
Effective storage capacity	1100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	38.6 km ²
Perimeter of catchment	29.4 km
Basin Length	11768.0 m
Form factor	0.27884
Circularity ratio	0.55990
Elongation ratio	0.59565
Highest Stream order	6
Max elevation	621.0 m
Min elevation	536.0 m
Mean bifurcation ratio	2.0903
Stream frequency	73.0740 per km ²
Relief	85.00 m
Drainage density	10.1300 km/km ²
Length of overland flow	49.360 m

CATCHMENT CLIMATOLOGY

