

Rakshaswadi Dam

Location	18.5778° N, 74.8325° E
State	Maharashtra
Nearest City	Karjat
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Khosaranalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.9 m
Dam length	648.0 m
Reservoir Area	640000.0 m ²
Gross storage capacity	1860000.0 m ³
Effective storage capacity	1580000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	100.6 km ²
Perimeter of catchment	47.1 km
Basin Length	16177.0 m
Form factor	0.38439
Circularity ratio	0.56881
Elongation ratio	0.69935
Highest Stream order	6
Max elevation	734.0 m
Min elevation	550.0 m
Mean bifurcation ratio	3.1090
Stream frequency	76.1610 per km ²
Relief	184.00 m
Drainage density	10.6160 km/km ²
Length of overland flow	47.098 m

CATCHMENT CLIMATOLOGY

