

## Ranand Dam

Location	17.7286° N, 74.6344° E
State	Maharashtra
Nearest City	Man
Year of Completion	1958
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Waghzai Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.3 m
Dam length	1260.0 m
Reservoir Area	1239000.0 m <sup>2</sup>
Gross storage capacity	7120000.0 m <sup>3</sup>
Effective storage capacity	6420000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	204.4 km <sup>2</sup>
Perimeter of catchment	73.4 km
Basin Length	20804.0 m
Form factor	0.47224
Circularity ratio	0.47630
Elongation ratio	0.77516
Highest Stream order	7
Max elevation	1036.0 m
Min elevation	656.0 m
Mean bifurcation ratio	2.4655
Stream frequency	75.1040 per km <sup>2</sup>
Relief	380.00 m
Drainage density	10.5090 km/km <sup>2</sup>
Length of overland flow	47.578 m

## CATCHMENT CLIMATOLOGY

