

Nandra Dam

Location	21.0000° N, 74.4586° E
State	Maharashtra
Nearest City	Dhule
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.4 m
Dam length	793.0 m
Reservoir Area	48000.0 m ²
Gross storage capacity	2170000.0 m ³
Effective storage capacity	1942000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.5 km ²
Perimeter of catchment	19.7 km
Basin Length	7360.4 m
Form factor	0.28608
Circularity ratio	0.50433
Elongation ratio	0.60332
Highest Stream order	5
Max elevation	489.0 m
Min elevation	402.0 m
Mean bifurcation ratio	2.8783
Stream frequency	72.7820 per km ²
Relief	87.00 m
Drainage density	9.5370 km/km ²
Length of overland flow	52.429 m

CATCHMENT CLIMATOLOGY

