

Nandvipurar Dam

Location	18.1067° N, 73.2831° E
State	Maharashtra
Nearest City	Mangaon
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Kesturinala
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	295.0 m
Reservoir Area	67983.0 m ²
Gross storage capacity	500000.0 m ³
Effective storage capacity	380000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.2 km ²
Perimeter of catchment	6.1 km
Basin Length	1326.9 m
Form factor	1.24380
Circularity ratio	0.74685
Elongation ratio	1.25800
Highest Stream order	4
Max elevation	298.0 m
Min elevation	7.0 m
Mean bifurcation ratio	3.2071
Stream frequency	93.1470 per km ²
Relief	291.00 m
Drainage density	12.9880 km/km ²
Length of overland flow	38.496 m

CATCHMENT CLIMATOLOGY

