

Panchanadi Dam

Location	17.9622° N, 73.3178° E
State	Maharashtra
Nearest City	Dapoli
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.5 m
Dam length	250.0 m
Reservoir Area	262600.0 m ²
Gross storage capacity	1738000.0 m ³
Effective storage capacity	1461000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.1 km ²
Perimeter of catchment	19.3 km
Basin Length	4564.7 m
Form factor	0.81837
Circularity ratio	0.57673
Elongation ratio	1.02040
Highest Stream order	6
Max elevation	392.0 m
Min elevation	84.0 m
Mean bifurcation ratio	4.1849
Stream frequency	79.6390 per km ²
Relief	308.00 m
Drainage density	11.4410 km/km ²
Length of overland flow	43.704 m

CATCHMENT CLIMATOLOGY

