

Panhale Dam

Location	16.8194° N, 73.5617° E
State	Maharashtra
Nearest City	Lanja
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	36.5 m
Dam length	200.0 m
Reservoir Area	257140.0 m ²
Gross storage capacity	3526000.0 m ³
Effective storage capacity	3447000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.5 km ²
Perimeter of catchment	13.2 km
Basin Length	3080.8 m
Form factor	0.57923
Circularity ratio	0.39712
Elongation ratio	0.85849
Highest Stream order	5
Max elevation	235.0 m
Min elevation	68.0 m
Mean bifurcation ratio	3.0567
Stream frequency	73.4840 per km ²
Relief	167.00 m
Drainage density	9.6240 km/km ²
Length of overland flow	51.955 m

CATCHMENT CLIMATOLOGY

