

Paldhag Dam

Location	20.4667° N, 76.4456° E
State	Maharashtra
Nearest City	Chikhali
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Wishwaganga
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.1 m
Dam length	841.0 m
Reservoir Area	2024000.0 m ²
Gross storage capacity	9090000.0 m ³
Effective storage capacity	7510000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.3 km ²
Perimeter of catchment	12.9 km
Basin Length	4435.1 m
Form factor	0.37014
Circularity ratio	0.55159
Elongation ratio	0.68627
Highest Stream order	5
Max elevation	597.0 m
Min elevation	542.0 m
Mean bifurcation ratio	2.1662
Stream frequency	76.0910 per km ²
Relief	55.00 m
Drainage density	10.3340 km/km ²
Length of overland flow	48.383 m

CATCHMENT CLIMATOLOGY

