

Padale Dam

Location	19.2264° N, 73.5475° E
State	Maharashtra
Nearest City	Murbad
Year of Completion	2010
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Bhamkhore
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.7 m
Dam length	720.0 m
Reservoir Area	1131000.0 m ²
Gross storage capacity	7857000.0 m ³
Effective storage capacity	7278000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.9 km ²
Perimeter of catchment	22.5 km
Basin Length	7732.7 m
Form factor	0.36700
Circularity ratio	0.54348
Elongation ratio	0.68335
Highest Stream order	6
Max elevation	1094.0 m
Min elevation	118.0 m
Mean bifurcation ratio	2.5297
Stream frequency	90.5910 per km ²
Relief	976.00 m
Drainage density	13.6310 km/km ²
Length of overland flow	36.680 m

CATCHMENT CLIMATOLOGY

