

Shinde (Peth) Dam

Location	20.2219° N, 73.6161° E
State	Maharashtra
Nearest City	Peint
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.1 m
Dam length	590.0 m
Reservoir Area	3964000.0 m ²
Gross storage capacity	1221000.0 m ³
Effective storage capacity	1171000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.1 km ²
Perimeter of catchment	10.0 km
Basin Length	3419.9 m
Form factor	0.43999
Circularity ratio	0.65278
Elongation ratio	0.74822
Highest Stream order	4
Max elevation	706.0 m
Min elevation	482.0 m
Mean bifurcation ratio	2.3604
Stream frequency	81.6180 per km ²
Relief	224.00 m
Drainage density	11.1340 km/km ²
Length of overland flow	44.907 m

CATCHMENT CLIMATOLOGY

