

Wandri Dam

Location	19.6189° N, 72.9406° E
State	Maharashtra
Nearest City	Palghar
Year of Completion	1987
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Wandri
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.3 m
Dam length	1372.0 m
Reservoir Area	443800.0 m ²
Gross storage capacity	37110000.0 m ³
Effective storage capacity	35938000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.2 km ²
Perimeter of catchment	21.9 km
Basin Length	8451.7 m
Form factor	0.36743
Circularity ratio	0.68888
Elongation ratio	0.68374
Highest Stream order	5
Max elevation	517.0 m
Min elevation	18.0 m
Mean bifurcation ratio	2.5437
Stream frequency	82.4510 per km ²
Relief	499.00 m
Drainage density	12.0080 km/km ²
Length of overland flow	41.638 m

CATCHMENT CLIMATOLOGY

