

Waghdardi Dam

Location	20.2475° N, 74.4042° E
State	Maharashtra
Nearest City	Manmad
Year of Completion	1972
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Panzan
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.7 m
Dam length	2250.0 m
Reservoir Area	160000.0 m ²
Gross storage capacity	3110000.0 m ³
Effective storage capacity	2540.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	65.8 km ²
Perimeter of catchment	45.3 km
Basin Length	17069.0 m
Form factor	0.22591
Circularity ratio	0.40269
Elongation ratio	0.53614
Highest Stream order	6
Max elevation	879.0 m
Min elevation	587.0 m
Mean bifurcation ratio	2.0989
Stream frequency	77.8470 per km ²
Relief	292.00 m
Drainage density	10.7940 km/km ²
Length of overland flow	46.324 m

CATCHMENT CLIMATOLOGY

