

Zadi Dam

Location	20.3900° N, 74.3794° E
State	Maharashtra
Nearest City	Malegaon
Year of Completion	1954
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Suki
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	869.0 m
Reservoir Area	44000.0 m ²
Gross storage capacity	1270000.0 m ³
Effective storage capacity	1130000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.3 km ²
Perimeter of catchment	22.5 km
Basin Length	7279.8 m
Form factor	0.32710
Circularity ratio	0.42871
Elongation ratio	0.64514
Highest Stream order	5
Max elevation	865.0 m
Min elevation	546.0 m
Mean bifurcation ratio	2.2370
Stream frequency	81.1640 per km ²
Relief	319.00 m
Drainage density	11.3720 km/km ²
Length of overland flow	43.967 m

CATCHMENT CLIMATOLOGY

