

Itkal Dam

Location	17.7867° N, 76.1461° E
State	Maharashtra
Nearest City	Tuljapur
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	1208.0 m
Reservoir Area	466000.0 m ²
Gross storage capacity	1189000.0 m ³
Effective storage capacity	1073000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.9 km ²
Perimeter of catchment	12.8 km
Basin Length	4110.2 m
Form factor	0.52517
Circularity ratio	0.67572
Elongation ratio	0.81745
Highest Stream order	5
Max elevation	575.0 m
Min elevation	504.0 m
Mean bifurcation ratio	2.9758
Stream frequency	70.7830 per km ²
Relief	71.00 m
Drainage density	9.2190 km/km ²
Length of overland flow	54.236 m

CATCHMENT CLIMATOLOGY

