

Dhutiwear Dam

Location	22.1178° N, 80.0550° E
State	Madhya Pradesh
Nearest City	Lamta
Year of Completion	1923
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Wainganga
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.5 m
Dam length	1500.0 m
Reservoir Area	2588000.0 m ²
Gross storage capacity	14860000.0 m ³
Effective storage capacity	7778000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6773.7 km ²
Perimeter of catchment	486.5 km
Basin Length	115720.0 m
Form factor	0.50586
Circularity ratio	0.35980
Elongation ratio	0.80228
Highest Stream order	9
Max elevation	1015.0 m
Min elevation	299.0 m
Mean bifurcation ratio	2.5765
Stream frequency	75.7180 per km ²
Relief	716.00 m
Drainage density	10.3700 km/km ²
Length of overland flow	48.216 m

CATCHMENT CLIMATOLOGY

