

Dudhana Dam

Location	20.2103° N, 78.3428° E
State	Maharashtra
Nearest City	Yavatmal
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	310.0 m
Reservoir Area	254000.0 m ²
Gross storage capacity	1044000.0 m ³
Effective storage capacity	944000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.5 km ²
Perimeter of catchment	12.3 km
Basin Length	4039.7 m
Form factor	0.45874
Circularity ratio	0.61747
Elongation ratio	0.76399
Highest Stream order	5
Max elevation	408.0 m
Min elevation	305.0 m
Mean bifurcation ratio	2.3381
Stream frequency	77.2100 per km ²
Relief	103.00 m
Drainage density	10.3160 km/km ²
Length of overland flow	48.469 m

CATCHMENT CLIMATOLOGY

