

## Upper Dudhana Dam

Location	19.9167° N, 75.6947° E
State	Maharashtra
Nearest City	Jalna
Year of Completion	1964
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Dudhana
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	2750.0 m
Reservoir Area	445000.0 m <sup>2</sup>
Gross storage capacity	12270000.0 m <sup>3</sup>
Effective storage capacity	12070000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	252.5 km <sup>2</sup>
Perimeter of catchment	88.6 km
Basin Length	29281.0 m
Form factor	0.29449
Circularity ratio	0.40395
Elongation ratio	0.61213
Highest Stream order	7
Max elevation	922.0 m
Min elevation	528.0 m
Mean bifurcation ratio	2.3119
Stream frequency	79.9940 per km <sup>2</sup>
Relief	394.00 m
Drainage density	11.4480 km/km <sup>2</sup>
Length of overland flow	43.674 m

## CATCHMENT CLIMATOLOGY

