

Dudgaon Dam

Location	19.9736° N, 73.6525° E
State	Maharashtra
Nearest City	Trambak
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Pundinalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.6 m
Dam length	273.0 m
Reservoir Area	313800.0 m ²
Gross storage capacity	2006470.0 m ³
Effective storage capacity	1694920.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.5 km ²
Perimeter of catchment	5.2 km
Basin Length	1161.5 m
Form factor	1.13520
Circularity ratio	0.71875
Elongation ratio	1.20180
Highest Stream order	4
Max elevation	768.0 m
Min elevation	652.0 m
Mean bifurcation ratio	2.9447
Stream frequency	93.3800 per km ²
Relief	116.00 m
Drainage density	11.9290 km/km ²
Length of overland flow	41.914 m

CATCHMENT CLIMATOLOGY

