

Vardawad Wadi Dam

Location	20.0047° N, 74.5892° E
State	Maharashtra
Nearest City	Nandgaon
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Shakhari
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	203.0 m
Reservoir Area	309960.0 m ²
Gross storage capacity	1280000.0 m ³
Effective storage capacity	1220000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.6 km ²
Perimeter of catchment	26.7 km
Basin Length	12015.0 m
Form factor	0.17758
Circularity ratio	0.45266
Elongation ratio	0.47535
Highest Stream order	5
Max elevation	659.0 m
Min elevation	547.0 m
Mean bifurcation ratio	2.1659
Stream frequency	70.7660 per km ²
Relief	112.00 m
Drainage density	9.1960 km/km ²
Length of overland flow	54.374 m

CATCHMENT CLIMATOLOGY

