

Wadi Dam

Location	21.4519° N, 78.8364° E
State	Maharashtra
Nearest City	Shirpur
Year of Completion	1988
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Dibri
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.2 m
Dam length	436.0 m
Reservoir Area	40000.0 m ²
Gross storage capacity	1480000.0 m ³
Effective storage capacity	1340000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.5 km ²
Perimeter of catchment	6.8 km
Basin Length	1877.6 m
Form factor	0.71499
Circularity ratio	0.67867
Elongation ratio	0.95380
Highest Stream order	4
Max elevation	435.0 m
Min elevation	363.0 m
Mean bifurcation ratio	2.4667
Stream frequency	83.3150 per km ²
Relief	72.00 m
Drainage density	11.5800 km/km ²
Length of overland flow	43.179 m

CATCHMENT CLIMATOLOGY

