

Diwalwadi Dam

Location	16.7258° N, 73.7394° E
State	Maharashtra
Nearest City	Rajapur
Year of Completion	1988
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.0 m
Dam length	673.0 m
Reservoir Area	468000.0 m ²
Gross storage capacity	3538000.0 m ³
Effective storage capacity	3511000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.8 km ²
Perimeter of catchment	12.3 km
Basin Length	4019.4 m
Form factor	0.60392
Circularity ratio	0.81617
Elongation ratio	0.87660
Highest Stream order	4
Max elevation	381.0 m
Min elevation	87.0 m
Mean bifurcation ratio	2.8272
Stream frequency	74.4120 per km ²
Relief	294.00 m
Drainage density	10.3830 km/km ²
Length of overland flow	48.155 m

CATCHMENT CLIMATOLOGY

