

Dabhada Dam

Location	22.8525° N, 74.0508° E
State	Gujarat
Nearest City	Limkheda
Year of Completion	1976
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	614.0 m
Reservoir Area	166000.0 m ²
Gross storage capacity	606000.0 m ³
Effective storage capacity	491000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km ²
Perimeter of catchment	10.0 km
Basin Length	3998.5 m
Form factor	0.25234
Circularity ratio	0.50559
Elongation ratio	0.56663
Highest Stream order	4
Max elevation	324.0 m
Min elevation	227.0 m
Mean bifurcation ratio	2.4877
Stream frequency	73.6160 per km ²
Relief	97.00 m
Drainage density	9.3270 km/km ²
Length of overland flow	53.606 m

CATCHMENT CLIMATOLOGY

