

Dhamod Dam

Location	23.1378° N, 73.4058° E
State	Gujarat
Nearest City	Lunawada
Year of Completion	1992
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	1160.0 m
Reservoir Area	484000.0 m ²
Gross storage capacity	650000.0 m ³
Effective storage capacity	500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.0 km ²
Perimeter of catchment	17.2 km
Basin Length	5087.5 m
Form factor	0.42479
Circularity ratio	0.46519
Elongation ratio	0.73518
Highest Stream order	5
Max elevation	173.0 m
Min elevation	111.0 m
Mean bifurcation ratio	2.1411
Stream frequency	70.4900 per km ²
Relief	62.00 m
Drainage density	9.0410 km/km ²
Length of overland flow	55.302 m

CATCHMENT CLIMATOLOGY

