

Dhingalwada Dam

Location	23.3561° N, 73.7689° E
State	Gujarat
Nearest City	Santrampur
Year of Completion	1982
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.0 m
Dam length	439.0 m
Reservoir Area	760000.0 m ²
Gross storage capacity	3301000.0 m ³
Effective storage capacity	3113000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.1 km ²
Perimeter of catchment	22.2 km
Basin Length	6502.5 m
Form factor	0.42797
Circularity ratio	0.46209
Elongation ratio	0.73793
Highest Stream order	5
Max elevation	246.0 m
Min elevation	120.0 m
Mean bifurcation ratio	2.5397
Stream frequency	74.6600 per km ²
Relief	126.00 m
Drainage density	9.8600 km/km ²
Length of overland flow	50.708 m

CATCHMENT CLIMATOLOGY

