

Edalwada Dam

Location	22.6758° N, 74.0486° E
State	Gujarat
Nearest City	Limkheda
Year of Completion	1990
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Naleshwar
Dam Type	Other
Height above lowest foundation level	21.4 m
Dam length	154.0 m
Reservoir Area	1980000.0 m ²
Gross storage capacity	11330000.0 m ³
Effective storage capacity	10500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.3 km ²
Perimeter of catchment	25.8 km
Basin Length	7976.3 m
Form factor	0.56981
Circularity ratio	0.68721
Elongation ratio	0.85148
Highest Stream order	6
Max elevation	419.0 m
Min elevation	221.0 m
Mean bifurcation ratio	2.6518
Stream frequency	79.3890 per km ²
Relief	198.00 m
Drainage density	11.0230 km/km ²
Length of overland flow	45.360 m

CATCHMENT CLIMATOLOGY

