

Deo Dam

Location	22.3764° N, 73.5475° E
State	Gujarat
Nearest City	Halol
Year of Completion	1987
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Dev
Dam Type	Other
Height above lowest foundation level	26.4 m
Dam length	2385.0 m
Reservoir Area	12723000.0 m ²
Gross storage capacity	67946000.0 m ³
Effective storage capacity	61352000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	249.3 km ²
Perimeter of catchment	79.8 km
Basin Length	21448.0 m
Form factor	0.54189
Circularity ratio	0.49241
Elongation ratio	0.83036
Highest Stream order	7
Max elevation	785.0 m
Min elevation	70.0 m
Mean bifurcation ratio	2.6093
Stream frequency	77.1670 per km ²
Relief	715.00 m
Drainage density	10.5890 km/km ²
Length of overland flow	47.218 m

CATCHMENT CLIMATOLOGY

