

Dholi Dam

Location	21.7119° N, 73.3217° E
State	Gujarat
Nearest City	Jhagadia
Year of Completion	1995
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	Madhumati
Dam Type	Earthfill Embankment
Height above lowest foundation level	36.0 m
Dam length	1084.0 m
Reservoir Area	1825000.0 m ²
Gross storage capacity	13120000.0 m ³
Effective storage capacity	11470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	33.1 km ²
Perimeter of catchment	34.2 km
Basin Length	11769.0 m
Form factor	0.23913
Circularity ratio	0.35543
Elongation ratio	0.55160
Highest Stream order	5
Max elevation	397.0 m
Min elevation	112.0 m
Mean bifurcation ratio	2.1407
Stream frequency	76.0510 per km ²
Relief	285.00 m
Drainage density	10.2290 km/km ²
Length of overland flow	48.879 m

CATCHMENT CLIMATOLOGY

