

Abhlod Dam

Location	22.7211° N, 74.2256° E
State	Gujarat
Nearest City	Dahod
Year of Completion	1967
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	1408.0 m
Reservoir Area	571000.0 m ²
Gross storage capacity	650000.0 m ³
Effective storage capacity	600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.7 km ²
Perimeter of catchment	17.7 km
Basin Length	5983.0 m
Form factor	0.35600
Circularity ratio	0.50897
Elongation ratio	0.67303
Highest Stream order	5
Max elevation	455.0 m
Min elevation	339.0 m
Mean bifurcation ratio	2.7259
Stream frequency	71.5650 per km ²
Relief	116.00 m
Drainage density	9.2270 km/km ²
Length of overland flow	54.191 m

CATCHMENT CLIMATOLOGY

