

Anida Dam

Location	21.9969° N, 70.7319° E
State	Gujarat
Nearest City	Gondal
Year of Completion	1977
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	760.0 m
Reservoir Area	137947.0 m ²
Gross storage capacity	824000.0 m ³
Effective storage capacity	651000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.7 km ²
Perimeter of catchment	13.3 km
Basin Length	4785.8 m
Form factor	0.37875
Circularity ratio	0.61463
Elongation ratio	0.69420
Highest Stream order	4
Max elevation	200.0 m
Min elevation	144.0 m
Mean bifurcation ratio	2.2736
Stream frequency	82.3080 per km ²
Relief	56.00 m
Drainage density	11.6530 km/km ²
Length of overland flow	42.909 m

CATCHMENT CLIMATOLOGY

