

Ghed Bhadar Dam

Location	21.4528° N, 69.7978° E
State	Gujarat
Nearest City	Porbandar
Year of Completion	1970
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Bhadar
Dam Type	Other
Height above lowest foundation level	17.1 m
Dam length	119.5 m
Reservoir Area	250000.0 m ²
Gross storage capacity	6800000.0 m ³
Effective storage capacity	4800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10435.0 km ²
Perimeter of catchment	622.4 km
Basin Length	187730.0 m
Form factor	0.29607
Circularity ratio	0.33863
Elongation ratio	0.61377
Highest Stream order	10
Max elevation	1025.0 m
Min elevation	-25.0 m
Mean bifurcation ratio	6.4059
Stream frequency	72.4700 per km ²
Relief	1050.00 m
Drainage density	9.6820 km/km ²
Length of overland flow	51.644 m

CATCHMENT CLIMATOLOGY

