

Bhuj Dam

Location	23.2469° N, 69.6219° E
State	Gujarat
Nearest City	Bhuj
Year of Completion	1951
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Khari River
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.3 m
Dam length	1250.0 m
Reservoir Area	321922.0 m ²
Gross storage capacity	5210000.0 m ³
Effective storage capacity	4579000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	130.8 km ²
Perimeter of catchment	58.6 km
Basin Length	17550.0 m
Form factor	0.42462
Circularity ratio	0.47837
Elongation ratio	0.73504
Highest Stream order	7
Max elevation	271.0 m
Min elevation	91.0 m
Mean bifurcation ratio	3.8675
Stream frequency	76.6400 per km ²
Relief	180.00 m
Drainage density	10.3690 km/km ²
Length of overland flow	48.221 m

CATCHMENT CLIMATOLOGY

