

Chang Dam

Location	23.4681° N, 70.4281° E
State	Gujarat
Nearest City	Bhachau
Year of Completion	1963
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Chang
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.3 m
Dam length	1440.4 m
Reservoir Area	1957000.0 m ²
Gross storage capacity	6943000.0 m ³
Effective storage capacity	6470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	44.2 km ²
Perimeter of catchment	31.0 km
Basin Length	11631.0 m
Form factor	0.32690
Circularity ratio	0.57900
Elongation ratio	0.64493
Highest Stream order	5
Max elevation	195.0 m
Min elevation	64.0 m
Mean bifurcation ratio	2.0985
Stream frequency	81.2050 per km ²
Relief	131.00 m
Drainage density	11.1130 km/km ²
Length of overland flow	44.994 m

CATCHMENT CLIMATOLOGY

