

Mankuwa Dam

Location	23.2189° N, 69.5519° E
State	Gujarat
Nearest City	Bhuj
Year of Completion	1973
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Khari
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	332.0 m
Reservoir Area	38344.0 m ²
Gross storage capacity	890000.0 m ³
Effective storage capacity	750000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.8 km ²
Perimeter of catchment	15.8 km
Basin Length	5313.6 m
Form factor	0.34812
Circularity ratio	0.49690
Elongation ratio	0.66554
Highest Stream order	5
Max elevation	182.0 m
Min elevation	134.0 m
Mean bifurcation ratio	2.3052
Stream frequency	76.4090 per km ²
Relief	48.00 m
Drainage density	10.1620 km/km ²
Length of overland flow	49.204 m

CATCHMENT CLIMATOLOGY

