

Dhaneti Dam

Location	23.2803° N, 69.9017° E
State	Gujarat
Nearest City	Bhuj
Year of Completion	1943
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	1160.0 m
Reservoir Area	455000.0 m ²
Gross storage capacity	2510000.0 m ³
Effective storage capacity	2510000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	43.4 km ²
Perimeter of catchment	30.2 km
Basin Length	8283.4 m
Form factor	0.63244
Circularity ratio	0.59925
Elongation ratio	0.89706
Highest Stream order	6
Max elevation	198.0 m
Min elevation	97.0 m
Mean bifurcation ratio	2.5784
Stream frequency	72.9590 per km ²
Relief	101.00 m
Drainage density	9.5390 km/km ²
Length of overland flow	52.419 m

CATCHMENT CLIMATOLOGY

