

Venu Dam

Location	21.9786° N, 70.0258° E
State	Gujarat
Nearest City	Jamjodhpur
Year of Completion	1956
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Venu
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.2 m
Dam length	299.0 m
Reservoir Area	2184174.0 m ²
Gross storage capacity	7120000.0 m ³
Effective storage capacity	7020000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	56.6 km ²
Perimeter of catchment	35.2 km
Basin Length	11453.0 m
Form factor	0.43137
Circularity ratio	0.57386
Elongation ratio	0.74086
Highest Stream order	6
Max elevation	226.0 m
Min elevation	107.0 m
Mean bifurcation ratio	2.4406
Stream frequency	74.9990 per km ²
Relief	119.00 m
Drainage density	10.0680 km/km ²
Length of overland flow	49.663 m

CATCHMENT CLIMATOLOGY

