

Venu li Dam

Location	21.7867° N, 70.1722° E
State	Gujarat
Nearest City	Upleta
Year of Completion	1989
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Venu
Dam Type	Other
Height above lowest foundation level	15.0 m
Dam length	3070.0 m
Reservoir Area	6250000.0 m ²
Gross storage capacity	22580000.0 m ³
Effective storage capacity	18800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	807.0 km ²
Perimeter of catchment	142.8 km
Basin Length	43185.0 m
Form factor	0.43270
Circularity ratio	0.49727
Elongation ratio	0.74200
Highest Stream order	8
Max elevation	264.0 m
Min elevation	33.0 m
Mean bifurcation ratio	2.1110
Stream frequency	72.8630 per km ²
Relief	231.00 m
Drainage density	9.7410 km/km ²
Length of overland flow	51.330 m

CATCHMENT CLIMATOLOGY

