

Limdi Bhogavo I Dam

Location	22.4703° N, 71.4536° E
State	Gujarat
Nearest City	Sayala
Year of Completion	1964
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Limbdi Bhogavo
Dam Type	Other
Height above lowest foundation level	20.0 m
Dam length	2740.0 m
Reservoir Area	8000000.0 m ²
Gross storage capacity	30000000.0 m ³
Effective storage capacity	22000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	300.5 km ²
Perimeter of catchment	90.9 km
Basin Length	36610.0 m
Form factor	0.22422
Circularity ratio	0.45736
Elongation ratio	0.53413
Highest Stream order	7
Max elevation	328.0 m
Min elevation	111.0 m
Mean bifurcation ratio	2.1248
Stream frequency	75.1240 per km ²
Relief	217.00 m
Drainage density	10.1700 km/km ²
Length of overland flow	49.162 m

CATCHMENT CLIMATOLOGY

