

## Limdi Doli Dam

<b>Location</b>	23.0711° N, 73.8981° E
<b>State</b>	Gujarat
<b>Nearest City</b>	Santrampur
<b>Year of Completion</b>	1984
<b>Operated and Maintained by</b>	Gujarat Engineering Research Institute
<b>River Basin</b>	Mahi
<b>River</b>	Kotar
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	19.0 m
<b>Dam length</b>	599.0 m
<b>Reservoir Area</b>	471000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	1239000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	879000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	9.6 km <sup>2</sup>
<b>Perimeter of catchment</b>	13.7 km
<b>Basin Length</b>	4030.4 m
<b>Form factor</b>	0.58795
<b>Circularity ratio</b>	0.64199
<b>Elongation ratio</b>	0.86492
<b>Highest Stream order</b>	5
<b>Max elevation</b>	252.0 m
<b>Min elevation</b>	155.0 m
<b>Mean bifurcation ratio</b>	3.0319
<b>Stream frequency</b>	72.9780 per km <sup>2</sup>
<b>Relief</b>	97.00 m
<b>Drainage density</b>	9.4150 km/km <sup>2</sup>
<b>Length of overland flow</b>	53.104 m

## CATCHMENT CLIMATOLOGY

