

## Nalej Dam

<b>Location</b>	22.3758° N, 73.9892° E
<b>State</b>	Gujarat
<b>Nearest City</b>	Chhotaudepur
<b>Year of Completion</b>	1980
<b>Operated and Maintained by</b>	Gujarat Engineering Research Institute
<b>River Basin</b>	Narmada
<b>River</b>	T- Narmada
<b>Dam Type</b>	Earthfill Embankment
<b>Height above lowest foundation level</b>	13.4 m
<b>Dam length</b>	1344.0 m
<b>Reservoir Area</b>	815400.0 m <sup>2</sup>
<b>Gross storage capacity</b>	2700000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	2600000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

<b>Catchment Properties</b>	<b>Values</b>
<b>Area of catchment</b>	17.3 km <sup>2</sup>
<b>Perimeter of catchment</b>	20.6 km
<b>Basin Length</b>	6089.1 m
<b>Form factor</b>	0.46665
<b>Circularity ratio</b>	0.51216
<b>Elongation ratio</b>	0.77055
<b>Highest Stream order</b>	5
<b>Max elevation</b>	262.0 m
<b>Min elevation</b>	135.0 m
<b>Mean bifurcation ratio</b>	2.1297
<b>Stream frequency</b>	72.1880 per km <sup>2</sup>
<b>Relief</b>	127.00 m
<b>Drainage density</b>	9.4600 km/km <sup>2</sup>
<b>Length of overland flow</b>	52.855 m

## CATCHMENT CLIMATOLOGY

