

## Thala Dam

<b>Location</b>	22.6000° N, 74.1044° E
<b>State</b>	Gujarat
<b>Nearest City</b>	Zalod
<b>Year of Completion</b>	1985
<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>	29.5 m
<b>Dam length</b>	795.0 m
<b>Reservoir Area</b>	690000.0 m <sup>2</sup>
<b>Gross storage capacity</b>	2119000.0 m <sup>3</sup>
<b>Effective storage capacity</b>	1650000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
<b>Area of catchment</b>	4.7 km <sup>2</sup>
<b>Perimeter of catchment</b>	9.4 km
<b>Basin Length</b>	3151.6 m
<b>Form factor</b>	0.47020
<b>Circularity ratio</b>	0.66646
<b>Elongation ratio</b>	0.77348
<b>Highest Stream order</b>	4
<b>Max elevation</b>	516.0 m
<b>Min elevation</b>	249.0 m
<b>Mean bifurcation ratio</b>	3.0386
<b>Stream frequency</b>	90.5710 per km <sup>2</sup>
<b>Relief</b>	267.00 m
<b>Drainage density</b>	12.9490 km/km <sup>2</sup>
<b>Length of overland flow</b>	38.613 m

## CATCHMENT CLIMATOLOGY

