

## Ozat Weir (Vanthali) Dam

Location	21.1336° N, 70.3033° E
State	Gujarat
Nearest City	Vanthali
Year of Completion	2001
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Ozat
Dam Type	Other
Height above lowest foundation level	19.0 m
Dam length	202.8 m
Reservoir Area	1109000.0 m <sup>2</sup>
Gross storage capacity	1790000.0 m <sup>3</sup>
Effective storage capacity	1540000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.3 km <sup>2</sup>
Perimeter of catchment	8.6 km
Basin Length	2432.1 m
Form factor	0.55020
Circularity ratio	0.55683
Elongation ratio	0.83670
Highest Stream order	4
Max elevation	64.0 m
Min elevation	40.0 m
Mean bifurcation ratio	2.2623
Stream frequency	77.4310 per km <sup>2</sup>
Relief	24.00 m
Drainage density	10.2780 km/km <sup>2</sup>
Length of overland flow	48.647 m

## CATCHMENT CLIMATOLOGY

Data not available.