

## Ozat- Weir(Shapur) Dam

Location	21.4583° N, 70.3722° 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	14.0 m
Dam length	233.0 m
Reservoir Area	1350000.0 m <sup>2</sup>
Gross storage capacity	195000000.0 m <sup>3</sup>
Effective storage capacity	1880000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1470.4 km <sup>2</sup>
Perimeter of catchment	198.6 km
Basin Length	62326.0 m
Form factor	0.37854
Circularity ratio	0.46883
Elongation ratio	0.69401
Highest Stream order	8
Max elevation	1025.0 m
Min elevation	28.0 m
Mean bifurcation ratio	2.9485
Stream frequency	74.8520 per km <sup>2</sup>
Relief	997.00 m
Drainage density	10.1980 km/km <sup>2</sup>
Length of overland flow	49.029 m

## CATCHMENT CLIMATOLOGY

