

## Dantiwada Dam

Location	24.3372° N, 72.3406° E
State	Gujarat
Nearest City	Dhanera
Year of Completion	1965
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Banas
Dam Type	Other
Height above lowest foundation level	61.0 m
Dam length	4832.0 m
Reservoir Area	40470000.0 m <sup>2</sup>
Gross storage capacity	464000000.0 m <sup>3</sup>
Effective storage capacity	444000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2763.1 km <sup>2</sup>
Perimeter of catchment	343.5 km
Basin Length	107840.0 m
Form factor	0.23761
Circularity ratio	0.29440
Elongation ratio	0.54985
Highest Stream order	8
Max elevation	1674.0 m
Min elevation	143.0 m
Mean bifurcation ratio	2.1645
Stream frequency	80.3500 per km <sup>2</sup>
Relief	1531.00 m
Drainage density	11.1430 km/km <sup>2</sup>
Length of overland flow	44.873 m

## CATCHMENT CLIMATOLOGY

