

## Ukai Dam

Location	21.2481° N, 73.5894° E
State	Gujarat
Nearest City	Songadh
Year of Completion	1972
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Tapi
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Dam Type	Other
Height above lowest foundation level	80.8 m
Dam length	4927.0 m
Reservoir Area	612000000.0 m <sup>2</sup>
Gross storage capacity	7414290000.0 m <sup>3</sup>
Effective storage capacity	6729896000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	62073.0 km <sup>2</sup>
Perimeter of catchment	1815.4 km
Basin Length	524810.0 m
Form factor	0.22537
Circularity ratio	0.23676
Elongation ratio	0.53550
Highest Stream order	11
Max elevation	1483.0 m
Min elevation	31.0 m
Mean bifurcation ratio	2.1575
Stream frequency	74.6360 per km <sup>2</sup>
Relief	1452.00 m
Drainage density	10.2240 km/km <sup>2</sup>
Length of overland flow	48.904 m

## CATCHMENT CLIMATOLOGY

