

## Kalyan Dam

Location	19.8517° N, 76.0292° E
State	Maharashtra
Nearest City	Jalna
Year of Completion	1986
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Kalyan
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	1554.0 m
Reservoir Area	533000.0 m <sup>2</sup>
Gross storage capacity	15360000.0 m <sup>3</sup>
Effective storage capacity	12220000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	124.2 km <sup>2</sup>
Perimeter of catchment	50.7 km
Basin Length	14681.0 m
Form factor	0.57614
Circularity ratio	0.60842
Elongation ratio	0.85620
Highest Stream order	7
Max elevation	651.0 m
Min elevation	479.0 m
Mean bifurcation ratio	2.6020
Stream frequency	77.0330 per km <sup>2</sup>
Relief	172.00 m
Drainage density	10.7930 km/km <sup>2</sup>
Length of overland flow	46.327 m

## CATCHMENT CLIMATOLOGY

