

## Kuttiyadi Saddle Dam

Location	11.5964° N, 75.8236° E
State	Kerala
Nearest City	Kozhikode
Year of Completion	1991
Operated and Maintained by	Kerala State Electricity Board
River Basin	West Coast
River	Kuttiyadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	12770000.0 m <sup>2</sup>
Gross storage capacity	209180000.0 m <sup>3</sup>
Effective storage capacity	209000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	103.9 km <sup>2</sup>
Perimeter of catchment	55.2 km
Basin Length	18516.0 m
Form factor	0.30300
Circularity ratio	0.42837
Elongation ratio	0.62092
Highest Stream order	7
Max elevation	1488.0 m
Min elevation	31.0 m
Mean bifurcation ratio	2.2030
Stream frequency	81.6660 per km <sup>2</sup>
Relief	1457.00 m
Drainage density	12.3530 km/km <sup>2</sup>
Length of overland flow	40.474 m

## CATCHMENT CLIMATOLOGY

