

## Peechi Dam

Location	10.5222° N, 76.3689° E
State	Kerala
Nearest City	Thrissur
Year of Completion	2013
Operated and Maintained by	Kerala Water Resources Department
River Basin	West Coast
River	Karuvannur
Dam Type	Masonry Gravity
Height above lowest foundation level	40.9 m
Dam length	213.3 m
Reservoir Area	12950000.0 m <sup>2</sup>
Gross storage capacity	110436000.0 m <sup>3</sup>
Effective storage capacity	108170000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	106.1 km <sup>2</sup>
Perimeter of catchment	62.5 km
Basin Length	12631.0 m
Form factor	0.66488
Circularity ratio	0.34136
Elongation ratio	0.91978
Highest Stream order	7
Max elevation	845.0 m
Min elevation	48.0 m
Mean bifurcation ratio	3.4557
Stream frequency	77.3650 per km <sup>2</sup>
Relief	797.00 m
Drainage density	11.3530 km/km <sup>2</sup>
Length of overland flow	44.040 m

## CATCHMENT CLIMATOLOGY

