

## Neyyar Dam

Location	8.5353° N, 77.1456° E
State	Kerala
Nearest City	Nevyatinkara
Year of Completion	1958
Operated and Maintained by	Kerala Water Resources Department
River Basin	South Coast
River	Neyyar
Dam Type	Earthfill Embankment
Height above lowest foundation level	56.0 m
Dam length	295.0 m
Reservoir Area	9100000.0 m <sup>2</sup>
Gross storage capacity	106250000.0 m <sup>3</sup>
Effective storage capacity	95730000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	143.5 km <sup>2</sup>
Perimeter of catchment	59.0 km
Basin Length	15354.0 m
Form factor	0.60848
Circularity ratio	0.51780
Elongation ratio	0.87990
Highest Stream order	7
Max elevation	1748.0 m
Min elevation	58.0 m
Mean bifurcation ratio	2.2740
Stream frequency	83.7080 per km <sup>2</sup>
Relief	1690.00 m
Drainage density	12.8590 km/km <sup>2</sup>
Length of overland flow	38.883 m

## CATCHMENT CLIMATOLOGY

