

Peppara (Kwa) Dam

Location	8.6233° N, 77.1383° E
State	Kerala
Nearest City	Nedumanged
Year of Completion	1983
Operated and Maintained by	Kerala Water Authority
River Basin	South Coast
River	Karamana
Dam Type	Other
Height above lowest foundation level	36.5 m
Dam length	423.0 m
Reservoir Area	8496000.0 m ²
Gross storage capacity	70000000.0 m ³
Effective storage capacity	68400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	89.1 km ²
Perimeter of catchment	44.0 km
Basin Length	10758.0 m
Form factor	0.76953
Circularity ratio	0.57783
Elongation ratio	0.98952
Highest Stream order	7
Max elevation	1647.0 m
Min elevation	86.0 m
Mean bifurcation ratio	3.1707
Stream frequency	85.6430 per km ²
Relief	1561.00 m
Drainage density	13.1340 km/km ²
Length of overland flow	38.070 m

CATCHMENT CLIMATOLOGY

