

Ponmudy Dam

Location	9.9603° N, 77.0583° E
State	Kerala
Nearest City	Udumbanchola
Year of Completion	1963
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Panniar
Dam Type	Masonry Gravity
Height above lowest foundation level	59.0 m
Dam length	294.0 m
Reservoir Area	278900000.0 m ²
Gross storage capacity	51540000.0 m ³
Effective storage capacity	47400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	273.8 km ²
Perimeter of catchment	91.4 km
Basin Length	24028.0 m
Form factor	0.47418
Circularity ratio	0.41162
Elongation ratio	0.77675
Highest Stream order	8
Max elevation	2565.0 m
Min elevation	617.0 m
Mean bifurcation ratio	2.4828
Stream frequency	78.8290 per km ²
Relief	1948.00 m
Drainage density	11.7450 km/km ²
Length of overland flow	42.572 m

CATCHMENT CLIMATOLOGY

