

Pamba Dam

Location	9.3903° N, 77.1600° E
State	Kerala
Nearest City	Ranni
Year of Completion	1966
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Pamba
Dam Type	Masonry Gravity
Height above lowest foundation level	57.2 m
Dam length	281.0 m
Reservoir Area	90880000.0 m ²
Gross storage capacity	39220000.0 m ³
Effective storage capacity	31450000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	74.6 km ²
Perimeter of catchment	43.6 km
Basin Length	10418.0 m
Form factor	0.68770
Circularity ratio	0.49419
Elongation ratio	0.93543
Highest Stream order	7
Max elevation	1806.0 m
Min elevation	948.0 m
Mean bifurcation ratio	2.8350
Stream frequency	74.8130 per km ²
Relief	858.00 m
Drainage density	10.7820 km/km ²
Length of overland flow	46.374 m

CATCHMENT CLIMATOLOGY

