

Pamba Barrage(Maniyar) Dam

Location	9.3297° N, 76.8800° E
State	Kerala
Nearest City	Vadasserikara
Year of Completion	1993
Operated and Maintained by	Kerala Water Resources Department
River Basin	South Coast
River	Kakkad
Dam Type	Masonry Gravity
Height above lowest foundation level	16.8 m
Dam length	115.2 m
Reservoir Area	1080000.0 m ²
Gross storage capacity	8000000.0 m ³
Effective storage capacity	8.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	294.0 km ²
Perimeter of catchment	99.5 km
Basin Length	30037.0 m
Form factor	0.32581
Circularity ratio	0.37310
Elongation ratio	0.64386
Highest Stream order	7
Max elevation	1198.0 m
Min elevation	32.0 m
Mean bifurcation ratio	2.4228
Stream frequency	81.2860 per km ²
Relief	1166.00 m
Drainage density	12.4690 km/km ²
Length of overland flow	40.100 m

CATCHMENT CLIMATOLOGY

