

Madupetty Dam

Location	10.1063° N, 77.1238° E
State	Kerala
Nearest City	Devikulam
Year of Completion	1954
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Palar
Dam Type	Other
Height above lowest foundation level	85.3 m
Dam length	237.7 m
Reservoir Area	3238000.0 m ²
Gross storage capacity	55230000.0 m ³
Effective storage capacity	554000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	102.2 km ²
Perimeter of catchment	50.3 km
Basin Length	14870.0 m
Form factor	0.46199
Circularity ratio	0.50829
Elongation ratio	0.76670
Highest Stream order	6
Max elevation	2598.0 m
Min elevation	1552.0 m
Mean bifurcation ratio	2.5096
Stream frequency	84.4760 per km ²
Relief	1046.00 m
Drainage density	12.9680 km/km ²
Length of overland flow	38.557 m

CATCHMENT CLIMATOLOGY

