

Ranni Perinad Dam

Location	9.3564° N, 76.8661° E
State	Kerala
Nearest City	Pathanamthitta
Year of Completion	2005
Operated and Maintained by	Kerala State Electricity Board
River Basin	South Coast
River	Kakkaltar
Dam Type	Other
Height above lowest foundation level	12.4 m
Dam length	128.8 m
Reservoir Area	288283000.0 m ²
Gross storage capacity	2390000.0 m ³
Effective storage capacity	2390000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	302.7 km ²
Perimeter of catchment	102.1 km
Basin Length	32156.0 m
Form factor	0.29277
Circularity ratio	0.36509
Elongation ratio	0.61034
Highest Stream order	7
Max elevation	1198.0 m
Min elevation	24.0 m
Mean bifurcation ratio	2.4210
Stream frequency	81.1300 per km ²
Relief	1174.00 m
Drainage density	12.4320 km/km ²
Length of overland flow	40.220 m

CATCHMENT CLIMATOLOGY

