

Pothundy Dam

Location	10.5453° N, 76.6267° E
State	Kerala
Nearest City	Chittur
Year of Completion	1971
Operated and Maintained by	Kerala Water Resources Department
River Basin	West Coast
River	Ayalur
Dam Type	Earthfill Embankment
Height above lowest foundation level	32.6 m
Dam length	1680.0 m
Reservoir Area	2750000.0 m ²
Gross storage capacity	50914000.0 m ³
Effective storage capacity	43900000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.8 km ²
Perimeter of catchment	25.4 km
Basin Length	7782.0 m
Form factor	0.47588
Circularity ratio	0.56301
Elongation ratio	0.77814
Highest Stream order	5
Max elevation	1449.0 m
Min elevation	80.0 m
Mean bifurcation ratio	3.0016
Stream frequency	89.7320 per km ²
Relief	1369.00 m
Drainage density	14.3740 km/km ²
Length of overland flow	34.785 m

CATCHMENT CLIMATOLOGY

