

Pegumbahallah Forebay Dam

Location	11.2481° N, 76.6814° E
State	Tamil Nadu
Nearest City	Uthagamandalam
Year of Completion	1965
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	Cauvery
River	Pegumbahallah
Dam Type	Masonry Gravity
Height above lowest foundation level	55.0 m
Dam length	181.0 m
Reservoir Area	20372.0 m ²
Gross storage capacity	1074058.0 m ³
Effective storage capacity	1029317.4 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	47.8 km ²
Perimeter of catchment	37.9 km
Basin Length	11596.0 m
Form factor	0.35577
Circularity ratio	0.41936
Elongation ratio	0.67281
Highest Stream order	6
Max elevation	2403.0 m
Min elevation	802.0 m
Mean bifurcation ratio	2.6144
Stream frequency	87.2650 per km ²
Relief	1601.00 m
Drainage density	13.7500 km/km ²
Length of overland flow	36.364 m

CATCHMENT CLIMATOLOGY

