

East Varahapallam Weir Dam

Location	11.2314° N, 76.5686° E
State	Tamil Nadu
Nearest City	Uthagamandalam
Year of Completion	1967
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	Cauvery
River	E.V.Pallam
Dam Type	Masonry Gravity
Height above lowest foundation level	18.0 m
Dam length	173.0 m
Reservoir Area	390.0 m ²
Gross storage capacity	400000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.5 km ²
Perimeter of catchment	8.0 km
Basin Length	2213.0 m
Form factor	0.70799
Circularity ratio	0.68593
Elongation ratio	0.94912
Highest Stream order	4
Max elevation	2447.0 m
Min elevation	2259.0 m
Mean bifurcation ratio	2.9366
Stream frequency	70.0860 per km ²
Relief	188.00 m
Drainage density	9.5560 km/km ²
Length of overland flow	52.325 m

CATCHMENT CLIMATOLOGY

