

West Varahapallam Weir Dam

Location	11.2325° N, 76.5678° 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	W.V.Pallam
Dam Type	Other
Height above lowest foundation level	35.0 m
Dam length	92.0 m
Reservoir Area	30000.0 m ²
Gross storage capacity	1360000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.4 km ²
Perimeter of catchment	7.9 km
Basin Length	2062.5 m
Form factor	0.80445
Circularity ratio	0.68686
Elongation ratio	1.01170
Highest Stream order	4
Max elevation	2447.0 m
Min elevation	2261.0 m
Mean bifurcation ratio	3.1550
Stream frequency	73.0570 per km ²
Relief	186.00 m
Drainage density	9.8730 km/km ²
Length of overland flow	50.642 m

CATCHMENT CLIMATOLOGY

