

Sandynallah Dam

Location	11.4439° N, 76.6519° E
State	Tamil Nadu
Nearest City	Uthagamandalam
Year of Completion	1963
Operated and Maintained by	Tamil Nadu Electricity Generation and Distribution Corporation
River Basin	Cauvery
River	Sandy Nalla
Dam Type	Masonry Gravity
Height above lowest foundation level	36.0 m
Dam length	107.0 m
Reservoir Area	1894527.0 m ²
Gross storage capacity	26617835.7 m ³
Effective storage capacity	23106546.8 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	46.9 km ²
Perimeter of catchment	36.6 km
Basin Length	9513.5 m
Form factor	0.51809
Circularity ratio	0.43935
Elongation ratio	0.81192
Highest Stream order	6
Max elevation	2543.0 m
Min elevation	2118.0 m
Mean bifurcation ratio	3.6574
Stream frequency	75.2170 per km ²
Relief	425.00 m
Drainage density	10.8330 km/km ²
Length of overland flow	46.155 m

CATCHMENT CLIMATOLOGY

