

Kullursandai Dam

Location	9.5464° N, 77.9769° E
State	Tamil Nadu
Nearest City	Aruppukkottai
Year of Completion	1984
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	South Coast
River	Vaippar
Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	8.0 m
Dam length	3207.0 m
Reservoir Area	3164000.0 m ²
Gross storage capacity	3596000.0 m ³
Effective storage capacity	3242000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	310.4 km ²
Perimeter of catchment	98.0 km
Basin Length	33946.0 m
Form factor	0.26936
Circularity ratio	0.40664
Elongation ratio	0.58543
Highest Stream order	6
Max elevation	549.0 m
Min elevation	75.0 m
Mean bifurcation ratio	2.2132
Stream frequency	63.5140 per km ²
Relief	474.00 m
Drainage density	8.2540 km/km ²
Length of overland flow	60.580 m

CATCHMENT CLIMATOLOGY

