

Chinnar Dam

Location	12.4792° N, 77.9292° E
State	Tamil Nadu
Nearest City	Hosur
Year of Completion	1977
Operated and Maintained by	Tamil Nadu Water Resources Department
River Basin	Cauvery
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Dam Type	Composite Masonry and Earth fill
Height above lowest foundation level	29.0 m
Dam length	365.0 m
Reservoir Area	1700000.0 m ²
Gross storage capacity	14150000.0 m ³
Effective storage capacity	13980000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	654.0 km ²
Perimeter of catchment	140.8 km
Basin Length	37653.0 m
Form factor	0.46130
Circularity ratio	0.41475
Elongation ratio	0.76613
Highest Stream order	7
Max elevation	1254.0 m
Min elevation	629.0 m
Mean bifurcation ratio	2.3123
Stream frequency	77.0540 per km ²
Relief	625.00 m
Drainage density	11.2300 km/km ²
Length of overland flow	44.522 m

CATCHMENT CLIMATOLOGY

