

Porthimund Dam

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|---------------------------------------------|----------------------------------------------------------------|
| Location | 11.3767° N, 76.5719° E |
| State | Tamil Nadu |
| Nearest City | Uthagamandalam |
| Year of Completion | 1966 |
| Operated and Maintained by | Tamil Nadu Electricity Generation and Distribution Corporation |
| River Basin | Cauvery |
| River | Porthimundstream |
| Dam Type | Masonry Gravity |
| Height above lowest foundation level | 56.0 m |
| Dam length | 335.0 m |
| Reservoir Area | 2556056.0 m ² |
| Gross storage capacity | 60000000.0 m ³ |
| Effective storage capacity | 45730000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|--------------------------------|-----------------------------|
| Area of catchment | 2.7 km ² |
| Perimeter of catchment | 9.0 km |
| Basin Length | 3275.1 m |
| Form factor | 0.24820 |
| Circularity ratio | 0.41741 |
| Elongation ratio | 0.56197 |
| Highest Stream order | 4 |
| Max elevation | 2484.0 m |
| Min elevation | 2165.0 m |
| Mean bifurcation ratio | 2.5596 |
| Stream frequency | 76.2480 per km ² |
| Relief | 319.00 m |
| Drainage density | 10.5930 km/km ² |
| Length of overland flow | 47.200 m |

CATCHMENT CLIMATOLOGY

