

Pambla Dam

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|--------------------------------------|--------------------------------|
| Location | 9.9622° N, 76.9575° E |
| State | Kerala |
| Nearest City | Devikulam |
| Year of Completion | 1997 |
| Operated and Maintained by | Kerala State Electricity Board |
| River Basin | South Coast |
| River | Periyar |
| Dam Type | Concrete Gravity or RCC |
| Height above lowest foundation level | 41.0 m |
| Dam length | 284.0 m |
| Reservoir Area | 445000.0 m ² |
| Gross storage capacity | 5350000.0 m ³ |
| Effective storage capacity | 4550000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 2596.4 km ² |
| Perimeter of catchment | 407.0 km |
| Basin Length | 85437.0 m |
| Form factor | 0.35570 |
| Circularity ratio | 0.19708 |
| Elongation ratio | 0.67275 |
| Highest Stream order | 9 |
| Max elevation | 2635.0 m |
| Min elevation | 205.0 m |
| Mean bifurcation ratio | 5.4008 |
| Stream frequency | 78.3210 per km ² |
| Relief | 2430.00 m |
| Drainage density | 11.6930 km/km ² |
| Length of overland flow | 42.759 m |

CATCHMENT CLIMATOLOGY

