

Kar Dam

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|--------------------------------------|----------------------------------------|
| Location | 21.2275° N, 78.4536° E |
| State | Maharashtra |
| Nearest City | Karanja |
| Year of Completion | 2000 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | Godavari |
| River | Kar |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 25.1 m |
| Dam length | 1067.0 m |
| Reservoir Area | 4480000.0 m ² |
| Gross storage capacity | 25960000.0 m ³ |
| Effective storage capacity | 21060000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 174.8 km ² |
| Perimeter of catchment | 60.5 km |
| Basin Length | 18403.0 m |
| Form factor | 0.51621 |
| Circularity ratio | 0.60030 |
| Elongation ratio | 0.81044 |
| Highest Stream order | 7 |
| Max elevation | 580.0 m |
| Min elevation | 414.0 m |
| Mean bifurcation ratio | 4.5299 |
| Stream frequency | 76.0820 per km ² |
| Relief | 166.00 m |
| Drainage density | 10.4910 km/km ² |
| Length of overland flow | 47.658 m |

CATCHMENT CLIMATOLOGY

