

Talkhol Dam

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|--------------------------------------|-----------------------------------|
| Location | 21.2019° N, 83.2539° E |
| State | Odisha |
| Nearest City | Padampur |
| Year of Completion | 1978 |
| Operated and Maintained by | Odisha Water Resources Department |
| River Basin | Mahanadi |
| River | Sanjor Nalla |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 19.8 m |
| Dam length | 573.0 m |
| Reservoir Area | 675000.0 m ² |
| Gross storage capacity | 2550000.0 m ³ |
| Effective storage capacity | 1930000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 15.9 km ² |
| Perimeter of catchment | 16.2 km |
| Basin Length | 4796.1 m |
| Form factor | 0.69181 |
| Circularity ratio | 0.76274 |
| Elongation ratio | 0.93821 |
| Highest Stream order | 5 |
| Max elevation | 542.0 m |
| Min elevation | 232.0 m |
| Mean bifurcation ratio | 2.5042 |
| Stream frequency | 80.6250 per km ² |
| Relief | 310.00 m |
| Drainage density | 11.2550 km/km ² |
| Length of overland flow | 44.423 m |

CATCHMENT CLIMATOLOGY

