

Thanepada Dam

Location	21.2578° N, 74.2250° E
State	Maharashtra
Nearest City	Sakri
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Kaparnalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.7 m
Dam length	293.0 m
Reservoir Area	70000.0 m ²
Gross storage capacity	1409000.0 m ³
Effective storage capacity	1311000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.0 km ²
Perimeter of catchment	24.1 km
Basin Length	8839.2 m
Form factor	0.31962
Circularity ratio	0.53855
Elongation ratio	0.63772
Highest Stream order	5
Max elevation	599.0 m
Min elevation	316.0 m
Mean bifurcation ratio	2.4874
Stream frequency	79.3670 per km ²
Relief	283.00 m
Drainage density	10.9450 km/km ²
Length of overland flow	45.681 m

CATCHMENT CLIMATOLOGY

