

Thani Dam

Location	21.6589° N, 77.9528° E
State	Madhya Pradesh
Nearest City	Athner
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Tapi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.5 m
Dam length	690.0 m
Reservoir Area	338800.0 m ²
Gross storage capacity	950000.0 m ³
Effective storage capacity	870000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.4 km ²
Perimeter of catchment	8.5 km
Basin Length	2632.3 m
Form factor	0.63060
Circularity ratio	0.76092
Elongation ratio	0.89575
Highest Stream order	4
Max elevation	686.0 m
Min elevation	649.0 m
Mean bifurcation ratio	2.6746
Stream frequency	74.8400 per km ²
Relief	37.00 m
Drainage density	9.6760 km/km ²
Length of overland flow	51.674 m

CATCHMENT CLIMATOLOGY

