

Nalganga Dam

Location	20.7319° N, 76.1867° E
State	Maharashtra
Nearest City	Motala
Year of Completion	1967
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Nalganga
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.8 m
Dam length	2516.0 m
Reservoir Area	10980000.0 m ²
Gross storage capacity	71860000.0 m ³
Effective storage capacity	69320000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	314.2 km ²
Perimeter of catchment	84.0 km
Basin Length	27901.0 m
Form factor	0.40362
Circularity ratio	0.55995
Elongation ratio	0.71663
Highest Stream order	8
Max elevation	675.0 m
Min elevation	285.0 m
Mean bifurcation ratio	5.3202
Stream frequency	77.6860 per km ²
Relief	390.00 m
Drainage density	10.9180 km/km ²
Length of overland flow	45.796 m

CATCHMENT CLIMATOLOGY

