

Vyghra Nalla Dam

Location	20.7975° N, 76.0531° E
State	Maharashtra
Nearest City	Motala
Year of Completion	1992
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.1 m
Dam length	1718.0 m
Reservoir Area	392000.0 m ²
Gross storage capacity	8400000.0 m ³
Effective storage capacity	7140000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	84.0 km ²
Perimeter of catchment	41.2 km
Basin Length	13409.0 m
Form factor	0.46713
Circularity ratio	0.62151
Elongation ratio	0.77095
Highest Stream order	6
Max elevation	397.0 m
Min elevation	281.0 m
Mean bifurcation ratio	2.2292
Stream frequency	74.4670 per km ²
Relief	116.00 m
Drainage density	10.1500 km/km ²
Length of overland flow	49.261 m

CATCHMENT CLIMATOLOGY

