

Kawala Dam

Location	20.4169° N, 76.3886° E
State	Maharashtra
Nearest City	Chikhali
Year of Completion	1970
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Mun Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.2 m
Dam length	570.0 m
Reservoir Area	530000.0 m ²
Gross storage capacity	2716000.0 m ³
Effective storage capacity	2386000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.5 km ²
Perimeter of catchment	24.7 km
Basin Length	8269.2 m
Form factor	0.47570
Circularity ratio	0.67285
Elongation ratio	0.77799
Highest Stream order	6
Max elevation	624.0 m
Min elevation	564.0 m
Mean bifurcation ratio	4.6580
Stream frequency	71.2920 per km ²
Relief	60.00 m
Drainage density	9.4180 km/km ²
Length of overland flow	53.090 m

CATCHMENT CLIMATOLOGY

