

Lonwadi Dam

Location	20.7853° N, 76.4078° E
State	Maharashtra
Nearest City	Nandura
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	1238.0 m
Reservoir Area	253398.0 m ²
Gross storage capacity	2570000.0 m ³
Effective storage capacity	2330000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.5 km ²
Perimeter of catchment	16.0 km
Basin Length	6145.4 m
Form factor	0.33052
Circularity ratio	0.61319
Elongation ratio	0.64850
Highest Stream order	5
Max elevation	312.0 m
Min elevation	272.0 m
Mean bifurcation ratio	2.2329
Stream frequency	70.7410 per km ²
Relief	40.00 m
Drainage density	9.1440 km/km ²
Length of overland flow	54.684 m

CATCHMENT CLIMATOLOGY

