

Chinchati (Lahara) Dam

Location	21.2636° N, 75.9069° E
State	Maharashtra
Nearest City	Raver
Year of Completion	2006
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
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Dam Type	Earthfill Embankment
Height above lowest foundation level	18.7 m
Dam length	540.0 m
Reservoir Area	40128.0 m ²
Gross storage capacity	1780000.0 m ³
Effective storage capacity	1670000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.2 km ²
Perimeter of catchment	9.2 km
Basin Length	3435.6 m
Form factor	0.18258
Circularity ratio	0.32225
Elongation ratio	0.48199
Highest Stream order	4
Max elevation	635.0 m
Min elevation	303.0 m
Mean bifurcation ratio	2.3034
Stream frequency	83.0610 per km ²
Relief	332.00 m
Drainage density	11.2050 km/km ²
Length of overland flow	44.623 m

CATCHMENT CLIMATOLOGY

