

Loni Dam

Location	25.1381° N, 81.5667° E
State	Madhya Pradesh
Nearest City	Teontha
Year of Completion	1965
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Loni
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	2379.0 m
Reservoir Area	1505678.0 m ²
Gross storage capacity	4750000.0 m ³
Effective storage capacity	3800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	44.8 km ²
Perimeter of catchment	32.0 km
Basin Length	11738.0 m
Form factor	0.32546
Circularity ratio	0.55092
Elongation ratio	0.64351
Highest Stream order	6
Max elevation	174.0 m
Min elevation	106.0 m
Mean bifurcation ratio	23.2990
Stream frequency	70.1080 per km ²
Relief	68.00 m
Drainage density	8.8860 km/km ²
Length of overland flow	56.268 m

CATCHMENT CLIMATOLOGY

