

## Ladki Dam

Location	25.4122° N, 74.0786° E
State	Rajasthan
Nearest City	Mandal
Year of Completion	1966
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Kothari
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	581.0 m
Reservoir Area	1190000.0 m <sup>2</sup>
Gross storage capacity	3795000.0 m <sup>3</sup>
Effective storage capacity	2775000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	228.5 km <sup>2</sup>
Perimeter of catchment	85.0 km
Basin Length	33242.0 m
Form factor	0.20680
Circularity ratio	0.39760
Elongation ratio	0.51297
Highest Stream order	7
Max elevation	913.0 m
Min elevation	550.0 m
Mean bifurcation ratio	2.2284
Stream frequency	75.5480 per km <sup>2</sup>
Relief	363.00 m
Drainage density	9.9670 km/km <sup>2</sup>
Length of overland flow	50.165 m

## CATCHMENT CLIMATOLOGY

