

Laliyachapad Dam

Location	22.3472° N, 75.8839° E
State	Madhya Pradesh
Nearest City	Barwah
Year of Completion	1974
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	507.0 m
Reservoir Area	1960000.0 m ²
Gross storage capacity	640000.0 m ³
Effective storage capacity	592000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.8 km ²
Perimeter of catchment	9.4 km
Basin Length	3146.3 m
Form factor	0.48502
Circularity ratio	0.67960
Elongation ratio	0.78558
Highest Stream order	4
Max elevation	608.0 m
Min elevation	261.0 m
Mean bifurcation ratio	2.2441
Stream frequency	87.8910 per km ²
Relief	347.00 m
Drainage density	11.8290 km/km ²
Length of overland flow	42.270 m

CATCHMENT CLIMATOLOGY

